



Catalogue and price list 2025

ACB+
Free your productivity



Why choose ACB+ for your attachments?



A firm belief in our products offering efficient, smart and robust attachments to boost your productivity.



Easy-to-use products ensuring the safety and comfort of operators.



A comprehensive and customised range of innovative and patented products.



95% of our products are designed and manufactured in France, with personalised support from our team based 100% in France.



Responsive customer service with more than 1,000 couplers and 2,000 tools in stock and next-day spare parts delivery to your dealer.

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Our DNA

ACB+ is the essential partner manufacturer that, since 1963, has been equipping hydraulic excavators (from the 500 kg mini-excavator to the 100-ton excavator) and loaders. 95% of our products are designed and manufactured in France, in our plants, located in the Beaujolais and in the Val de Loire.

For almost 60 years and with the experience of more than 150,000 machines already equipped with the Morin Original system, our equipment offers the peace of mind and productivity that you need.

ACB+'s goal is to transform your hydraulic excavators and loaders into productive, multi-functional tool holders.

Boosting your productivity

We support you every day to help **improve your productivity.**

To achieve this:

- We offer solutions to **transform your machines, hydraulic excavators and loaders into multi-functional tool holders:** save time by changing a tool in an instant, and win more contracts by performing all the kinds of work requested by your customers.

- We design our equipment **to match the original kinematics and to respect the manufacturer's load tables.** Our new couplers offer you more day-to-day agility. You will go further in your finishing work and will be able to optimise the time, equipment and workers needed on your sites.
- We pay particular attention to offering you **reliable and durable products**, in order to minimise machine down time. Our presence alongside you is extended, thanks to great responsiveness in the event of a problem, to providing real support. As proof, **our customer support department delivers 85% of spare parts on the next day** for all orders placed before midday.

**OPT FOR PEACE OF MIND WITH
MORE THAN 150,000 MACHINES
ALREADY EQUIPPED!**



A firm belief in our products

We believe that our products must always be **100% efficient**.

So optimum compatibility and fine-tuning are never forgotten. All our products **adhere to the original kinematics and load tables**.

To guarantee the high-quality design of all our products, our **design department uses 3D CAD software** combined with an efficient technical data management system.

CSR policy

We have been **committed to a QSE-CSR process since March 2019**, and have recruited a QSE Coordinator. We have allocated resources to assess our actions and developed a **continuous improvement programme**.

- We always opt for suppliers that are **geographically close** with the aim of integrating into and invigorating the local industrial and economic fabric, as well as minimising our environmental impact. As a result, almost 60% of our purchases are regional and 85% are French.
- **Social responsibility**: As for our customers, we make every effort to provide safe working conditions for our employees.
- **Environmentally sustainable development**, in particular by sorting all our waste.
- **ACB+ is committed to its community and local development**: socially committed organisation in the public interest, taking account of local conditions and regional development by sponsoring a number of clubs and associations.

Robust engineering for long-lasting products

Our engineers use simulation and finite element stress computing software. This design process **ensures a long working life for our products**.

- Our products are also high quality, due to **the grades of steel and the thicknesses** used. Our entire range of buckets is offered, as standard, with double bottoms, to ensure a longer working life.
- All our products are **functionally inspected** after production and particular attention is paid to welds and their finish. Robotic welding gives our products **consistent quality and optimum strength**.

This means that you benefit from a two-year warranty for all our couplers and a one-year warranty for tools, excluding wear parts.

A comprehensive, multi-systems offer

Every type of coupler

From module M0 to module M7+, for excavators up to 45 tons, we offer a broad range of mechanical and hydraulic couplers with the **Morin Original** system.

This range of couplers has been expanded to enhance your working agility. Indeed, the addition of the tilt, rotation and tiltrotator functions on your coupler will enable you to use your tool in the optimum position for specific jobs, at all times.



Our catalogue now also includes ultra-tilting and tiltrotator couplers using the **CW Verachtert**, **Lehnhoff**, **S Nordic Standard** and **SW Liebherr original systems**.

Please feel free to contact us. We will advise you perfectly openly on the solution that best meets your needs.



A vast range of tools for all quick coupling systems

These products can be adapted to other common quick coupling systems on request. Our eight design department staff will design the product that meets your needs and is compatible with your machines, based on our entire range of tools.

This comprehensive approach will enable ACB+ to be your one-stop supplier for equipping complete machines and/or supplying additional couplers and tools for existing equipment, **whatever your quick coupling system**.





Your safety is a top priority

Safety is a top priority. We are committed, in relation to our customers, to provide a maximum level of safety.

Within this objective, our development department is actively involved in changing European standards. This commitment, upstream of the standards texts, enables us to anticipate changes in our products for full regulatory compliance.

Thus, **we comply strictly with all applicable standards** and acknowledge the impact that we can have in the **improvement of the operators' life at work, and their protection.** We also know that safety means developing **products that are simple to use.**

The development of all our products is based on this principle.

For this reason, we have **developed and patented a safety system** on our locking cam: the Form-lock. This system, used on all our **Morin Original** system couplers, is exclusive to ACB+. It holds the tool on the coupler with total reliability and prevents unintentional unhooking. The couplers also have other functions that allow the tool to be held without play.

Our remote and in-the-field customer service

Your productivity is one of our key priorities and our aim is to always provide quick and professional assistance, irrespective of the product for which you need our help.

Please don't hesitate to make use of our services, to help you find the product that best meets your needs or for answers to technical questions or those relating to use, **our team is there to provide the technical support you need.**

We do everything we can to minimise your machine down times, so if you **need a spare part, we offer next-day delivery to your dealer for all orders placed before noon (in more than 85% of cases).**

We train and support our dealers and partners, to ensure they are able to offer the best possible service.

We provide field support, either directly or by means of one of our local partners in your area.

Most of the time, any issues that may arise on the ground are managed by your dealer. However, you may need our help, and our team is available as a backup resource.

Please don't hesitate to call us on +33 4 74 66 82 49, or contact us via website at acbplus.com



Warranty

Please follow the recommendations for use and maintenance appearing in the User Manual, which is supplied with our products. This allows you to benefit from a **two-year warranty for all our couplers** and tilting and rotating couplers or tiltrotators, and a **one-year warranty for tools, excluding wear parts.**

COUPLERS AND OPTIONS

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SELECTING THE RIGHT MODULE AND TOOLS FOR YOUR EXCAVATOR

The aim of the process described below is to help you choose the right coupler and tools, to get the best out of the machine.

Assigning the coupler module and tool to the machine

It is vital to choose the right ACB+ coupler module with the Morin Original System for your machine. You have to define the right module, as a function of your machine specification, to ensure maximum reliability of the Fastener/Tool combination.

This choice opens up a broad range of tools compatible with your machine in terms of force at the tine and bucket capacity.

The selection process generally involves:

For the coupler

- Choose the Morin Original system module, based on the weight of the carrier,
- Check that the torque developed by the vehicle bucket kinematics is compatible with the forces for which the module and its tools are rated. (see page 12)

For the tool

- Define the application: GP, HD or XHD (General Purpose, Heavy Duty or Extra-Heavy Duty).

Soil classes as defined by DIN18300:

- GP application: classes 1 to 3
- HD application: classes 4 to 5
- XHD application: classes 6 to 7

The ACB+ range of tools offers outstanding strength and equipment quality. The double-bottoms on the backhoe buckets have been adopted for the entire bucket range, for both mini-excavators and excavators.

- Define the tine category (Dxx)

Tine size is determined by the breakout force developed by the excavator and by the application. (see page 13)

The bucket range

There are generally two bucket profiles per module. The profile is selected as a function of the bucket radius and of the machine's lifting capability.

The vehicle's overturning limits and the nature of the material worked must be taken into account when sizing the tool. A simple calculation of the total equipment weight (coupler weight + bucket weight + bucket load weight) will enable you to check that the tool is compatible with the machine by comparing it with the load table value as per ISO 10567 for your machine in the following situations:

- transverse turret,
- lifting load at maximum range.

The total equipment weight, calculated using ACB+ data, must be less than the value without the bucket or coupler provided in the manufacturer's table.

An Excel tool is available on acbplus.com for you to perform this check. Please contact us for more information.

Tine class (Dxx) for the bucket

Like the couplers and tools, wear parts (tines) are rated for a given maximum force.

The application and the force developed at the tine define the tine size to be used for the tool. The tine class (Dxx) is specified in both the coupler table and the tool table.

The product guide contains all the information you need to choose your equipment

- Select the manufacturer and model of your machine.
- You will find the recommended module, bucket range and tine class for a GP or HD application
- If your machine isn't shown in the selector, contact us.

A failure to follow our recommendations invalidates your right to benefit from the statutory warranty.

For all specific applications, please contact our technical department first.

Materials worked and densities

The table below contains the usual material densities needed for your checks.

MATERIAL	DENSITY - LOOSE
Clay and dry gravel	1.42 t/m ³
Clay and wet gravel	1.54 t/m ³
Dry clay	1.48 t/m ³
Sedimented clay	1.66 t/m ³
Wet clay	1.66 t/m ³
Basalt	1.96 t/m ³
Kaolin bauxite	1.42 t/m ³
Crushed granite	1.66 t/m ³
Wet gravel	1.93 t/m ³
Dry gravel	1.51 t/m ³
Sandstone	1.51 t/m ³
Ground gypsum	1.67 t/m ³
Crushed gypsum	1.66 t/m ³
Mud	1.25 t/m ³
Ground natural stone	1.60 t/m ³
Altered rock: 25 % rock - 75 % earth	1.57 t/m ³
Altered rock: 50 % rock - 50 % earth	1.72 t/m ³
Altered rock: 75% rock - 25% earth	1.96 t/m ³
Crushed calcareous rock	1.54 t/m ³
Sand and compacted clay	2.40
Sand and wet clay	2.02 t/m ³
Sand and dry gravel	1.72 t/m ³
Dry wet sand	1.69 t/m ³
Dry loose sand	1.42 t/m ³
Dry wet sand	1.84 t/m ³
Crushed slag	1.75 t/m ³
Compacted dry earth	1.51 t/m ³
Loose wet earth	1.60 t/m ³



**THERE ARE VARIOUS TOOLS
ON OUR ACBPLUS.COM
WEBSITE TO HELP
YOU CHOOSE**

Module limit characteristics and tine categories

Limit characteristics table

The data for our range of couplers is shown in the table below.

	M0	M1	M2	M3
				
Min. weight - Max. weight (t)	0.5 t - 2 t	2 t - 3.5 t	3.5 t - 5.5 t	5.5 t - 7.5 t
Max. breakout force (kN)	19	28.4	38.5	56
Typical bucket radius (mm)	536	750	900	1,000
Max. torque (mkN)	10	21	35	56
Tine class (HD)	D5	D5	D8	D10-D15

	M4	M5	M6	M7 - M7+
				
Min. weight - Max. weight (t)	7.5 t - 10 t	10 t - 15 t	15 t - 24 t	24 t to 35 t - 35 t to 50 t
Max. breakout force (kN)	73	110	180	249
Typical bucket radius (mm)	1,200	1,300	1,600	1,900
Max. torque (mkN)	88	143	288	473
Tine class (HD)	D15-D20	D15-D20	D20-D30-D40	D40-D55-D65 and D80

Tine class table

Each tine has its own specific limits in relation to the breakout force applied by the vehicle. It is therefore essential that the tine selected should have sufficient strength to withstand the forces imposed, so that the tines do not break or wear prematurely. To help you choose, ACB+ has classified tines on the basis of the breakout force for which they were designed.

The table below lists the main standard tines, by manufacturer, broken down by tine category. **One-piece bolted** tines appear in bold.

TINE CLASS	RANGE OF FORCES AT THE TINE (kN)	BYG FUTURA TWISTER	CAT J	CAT K	C-REX	COMBI C / PRO-CLAWS	ESCO ULTRALOK	FEURST FASTKEY
D5	35 to 52.5		CAT0 135-9390			MINI T29		M15
D8	52.5 to 62.5	FT130S	J200 1U3202 / CAT2 6Y6335			MIDI T29	V13SYL	FKMCE
D10	62.5 to 90	FT170S	J225 6Y3222			COT29	V17TYL	FKITLR
D15	90 to 122.5	FT190S	J250 1U3252		R10GPE	CIT35	U20S	FK2TLR
D20	122.5 to 150	FT230S	J300 1U3302	K80 220-9089	R14GPE		U25S	FK3TLR
D30	150 to 215	FT290S	J350 1U3352	CA90 220-9099	R18GPE		U30S	FK4TLR
D40	215 to 270	FT330S	J400 7T3402	CA100 220-9109	R23GPE	W10GPE	U35S	FK5TLR
D55	270 to 340	FT390S	J450/J460	K110 220-9119	R29GPE	W20GPE	U40S	FK7TLR
D65	340 to 411	FT430S FT510S	J550	K130 220-9119		W25GPE	U45S U55S	FK9TLR
D80	411 to 540						U60C	FK11PR

TINE CLASS	RANGE OF FORCES AT THE TINE [kN]	FEURST SIDEKEY	JCB	KOMATSU PRIME	MTG / KINGMET / STARMET	VOLVO	OTHER
D5	35 to 52.5				MG5L	5GPC	DE365/17-7
D8	52.5 to 62.5	SDMTLS			MG8L	8GPC	
D10	62.5 to 90	SDITLS	531-03205	P004SYL	MG10L	10GPE	
D15	90 to 122.5	SD3TLS		P005SYL / P010SC	MA15U	15GPE	
D20	122.5 to 150	SD4TLS		P015SC	MA20U	21GPE	
D30	150 to 215	SD5TLS		P020SC	MA30U	30GPE	
D40	215 to 270	SD7TLS		P025SC	MA40U	40GPE	
D55	270 to 340	SD8TLS		P030SC	MA50U	55GPE	
D65	340 to 411	SD9TLS		P040SC	MA60U	65GPE	
D80	411 to 540				MA120E1		

The general application adopted for this classification is the HD application. Tine performance should be increased by around 20% for an XHD application and reduced by around 20% for a GP application. Contact us for any extrapolation.

Example for a tine that has to withstand a breakout force of 85 kN developed by the machine

	FORCE CONSIDERED (KN)	TINE CLASS	READING
HD application	85	D10	62.5 < 85 < 90
XHD application	85 x 1.2 = 102	D15	90 < 102 < 122.5
GP application	85 x 0.8 = 68	D10	62.5 < 68 < 90

Complete example of how to read the ACB+ price list

Here's a concrete example of how to read the ACB+ price list to assign the right module and tine class from the tool to the machine.

- Machine brand: Brand Example
- Machine model: Model Example

Open the Coupler Table pages and select the line corresponding to the machine brand and model

BRAND	MODEL	MODULE	BUCKET RANGE	TINE CLASS	MECHANICAL COUPLER		HYDRAULIC COUPLER	
					ITEM CODE	PRICE	ITEM CODE	PRICE
Brand Example 1	Model Example 1	6	61	D20			5107887	-
Brand Example 2	Model Example 2	6	62	D40			5104145	-


Depending on the machine, the table identifies the coupler item code, 5107887 (here in hydraulic), as well as bucket range 61 and tooth class D20 (this is not displayed for modules 0 to 2, as it is not significant).

Open price list tab for module 6


- Select the desired tool table, then the tine, for the recommended class, in this case D20.
- Select the line for the desired width/capacity to identify the item code or part number in the desired tine column, as well as the bucket weight, total weight, number of teeth and tool price.

Specially designed for construction and renovation work, HD BUCKETS offer the best performance for your application. The standard HD version can be reinforced with shields, side cutters, corner protectors, skids, plates, etc.


CAT K80 220-9089
Thickness 35 mm - D20



C-REX 14GPE
Thickness 30 mm - D20



ESCO U25S
Thickness 30 mm - D20



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-6CP2E-400	400	433	478	1,257	-	2	K80	3	R14GPE	2	U25S
R-6CP2E-500	500	386	477	1,172	-	2	5076693	3	R14GPE	3	5074208
R-6CPIE-620	620	492	550	1,436	-	3	5067559	3	R14GPE	3	5068882
R-6CPIE-700	700	518	520	1,452	-	3	K80	4	R14GPE	3	U25S
R-6CPIE-800	800	596	579	1,652	-	3	5070186	4	R14GPE	4	5087953
R-6CPIE-900	900	697	619	1,874	-	4	K80	5	R14GPE	4	5067834
R61-PIE-1000	1,000	719	738	2,032	-	4	K80	5	R14GPE	4	5068883
R61-PIE-1100	1,100	812	683	2,145	-	5	5094360	5	R14GPE	5	5069860
R61-PIE-1200	1,200	905	727	2,356	-	5	5070169	6	R14GPE	5	5071821
R61-PIE-1300	1,300	999	764	2,562	-	5	5067987	6	R14GPE	5	5087943

Profile 6CP2E Tapered

Profile 6CPIE

Tool line with product information

Tooth type, tooth class and blade thickness

Tool line with product information

Note:
 For the widest buckets, it is your responsibility to check that the lifting capacity of the machine is not exceeded by the chosen tool:
 - Total column weight (density of 1.8) AND Coupler weight (noted on each page for each module)
 - An EXCEL calculation tool is available at www.acbplus.com for these calculations.

Order formulation

Use information from the tables as follows:

- Coupler item code

Hydraulic coupler	Brand example	Model Example	5107887	-
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- Item code or part number reference + tool tooth

Bucket 1	R61-CP1E-620	5067559	K80 teeth	-
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Bucket 2	R61-CP1E-700	-	K80 teeth	-
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When the product is not listed 5xxxxxx codes by ACB+, be sure to specify the generic part number (in this case R61-CP1E-700) and the chosen teeth. We will acknowledge receipt with the final coding for your product.

Add any useful details that will help us understand your needs and deliver the right product. Don't forget the available product options, and add hydraulic control kits for hydraulic couplers.

THE MORIN ORIGINAL SYSTEM

FOR A PLAY-FREE CONNECTION



A well-deserved reputation

Designed by the Morin brothers in the nineties, ACB+ has developed **the Morin Original coupling system for use with hydraulic excavators from 0.8 tons to 50 tons** in eight sizes known as "modules".

These couplers are **patented and compliant, in terms of safety, with the latest EN474-1 and 5 and ISO13031 standards.**

As a component manufacturer in its own right, ACB+ offers you **couplers** compatible with your machine **in accordance with the manufacturer's kinematics** and **an extremely wide range of robust and reliable tools** designed and approved by our design department.

Control devices for hydraulic quick couplers are available for your machine and we endeavour to provide you with the best advice and support to ensure completely safe incorporation of our products into your machine.

ACB+ guarantees the compatibility of all its tools, which it has been producing for more than ten years.

However, should our couplers have tools made by third parties attached, ACB+ is unable to guarantee compliance with safety standards. The use of such tools could seriously compromise safety, when interacting with the safety devices on our couplers, in terms of the dimensions of the connection, collisions or simply the intrinsic mechanical strength of tools that may be supplied by third parties.

ACB+ presents the features of **its classic couplers**, as well as its latest products, its **free couplers**: Tilting Couplers, Rotating Couplers and Tiltrotators.



CLASSIC COUPLERS

Efficient, simple and reliable couplers available with the Morin Original system with mechanical or hydraulic locking.



Robust, reliable and play-free

Mechanical and hydraulic couplers are **steel castings**, which are perfect for long-term use.

The **locking device with play compensation by means of a cam**, ensures that the tool is held perfectly on the coupler.

Thanks to these devices and precise and generous contact surfaces, **it is possible to continuously use a hydraulic breaker** on these couplers.

Easy module identification

We use **one colour code per module**, this colour is applied to one element of the coupler and to the corresponding key. This is particularly appreciated in multi-module installations.

The module (x) is also engraved on couplers and tools, and is clearly visible: M(x)S for mechanical couplers, H(x)S for hydraulic couplers, M(x) for tools.

Easy to use and a dual safety system

Mechanical couplers

Mechanical couplers are **automatically locked and secured from the cab** by means of a simple tool hitching movement by the excavator arm. The tool is gripped by hooks and then locked by a rotating movement of the coupler towards the tool.

A form on the bucket releases the coupler cam, which locks it in position and, in the same movement, **the safety device prevents the cam recoiling. A mechanical "hitching complete" indicator light is visible from the cab.**

Mechanical couplers are **unlocked** in a single step using the key: the safety device is raised and the cam is then unlocked in the same movement.

With the Morin Original system, you only climb down from the machine once in a complete hitching / unhitching cycle.

Dual locking safety system: The Morin Original system mechanical coupler has a dual safety system, comprising:

- An automatically activated **stop** that prevents any risk of the cam recoiling – a patented system,
- **A cam equipped with the patented form-lock system** that prevents any risk of unlocking, even if the safety stop fails.



Hydraulic coupler

The tool is hitched and unhitched from the cab.

Simply pressing two buttons on our control unit at the same time places the coupler either in a hitching or unhitching position.

An audible beep and a warning light accompany these statuses on the unit and **there is a mechanical locking indicator on the quick coupler, which is visible from the cab.**



In the event of hydraulic issues with the hoses supplying the coupler, it can be **unlocked with a standby key**, this ensuring continuity of service, while repairs are carried out.



Dual locking safety system: The Morin Original system hydraulic coupler has a dual safety system, comprising:

- **Return springs** ensuring the cam is held in position, thereby keeping play to a minimum,
- **A dual-action hydraulic actuator**, the rod of which is under constant pressure, holding the cam in the locked position,
- **A cam equipped with the patented form-lock system** that prevents any risk of accidental unlocking if the two previous devices fail.



Classic mechanical couplers modules 0 to 4

M0S	M1S	M2S	M3S	M4S
				
0.5 t - 2 t	2 t - 3.5 t	3.5 t - 5.5 t	5.5 t - 7.5 t	7.5 t - 10 t
Prices on quotation only, please contact us for more information.				

Classic hydraulic couplers modules 1 to 7+

H1S	H2S	H3S	H4S	H5S	H6S	H7S - H7S+
						
2 t - 3.5 t	3.5 t - 5.5 t	5.5 t - 7.5 t	7.5 t - 10 t	10 t - 15 t	15 t - 24 t	24 t - 35 t - 50 t
Prices on quotation only, please contact us for more information.						

(*)H5S and H6S couplers can be fitted with an optional electronic display kit. It is standard on H7S models. Each kit includes a sensor with mounting hardware and 5 electrical connection cables with "M12" connectors. Depending on the coupler and machine configuration, the kits may also include an in-cab display unit. The table opposite specifies the item codes to be supplied for your configuration.

(**): kits without a display unit are sufficient to equip additional dippersticks fitted with their own coupler, when the machine is already fitted with an H7S coupler with its unit installed in the cab. (Demolition uses).

It will then be necessary to electrically connect the coupler to the machine each time the dipperstick is changed, using the waterproof electrical connectors supplied.

COUPLERS	DISPLAY KIT WITHOUT UNIT**	DISPLAY KIT WITH UNIT
H5S	5107605	5136122
H6S	5103728	5136102

More information



Reversibility



Mound bucket

This is a bucket equipped with an inverted kit that provides a direct hookup on the coupler using the Morin Original System, for working on a mound.

The hitching and unhitching system is identical to a standard bucket.

This system is available for all our Morin Original system tools and is fully customisable. Please contact us for more information.

Reversible kit

Available for all Morin Original system tools, from modules 0 to 4, the reversible kit is only available in a mechanical version and is an intermediate element that allows the tool to be changed over to a shovel in a few steps.

Like the classic coupler, the mechanical reversible kit has features of the Morin Original system, thus hitching and unhitching steps remain the same as for your classic mechanical or hydraulic coupler.

REVERSIBLE KIT	MODULE	PART NUMBER	PRICE EXCL. VAT (€)
M0	0	5093427	-
M1	1	5093144	-
M2	2	5092910	-
M3	3	5103445	-
M4	4	5107121	-

Rotating coupler

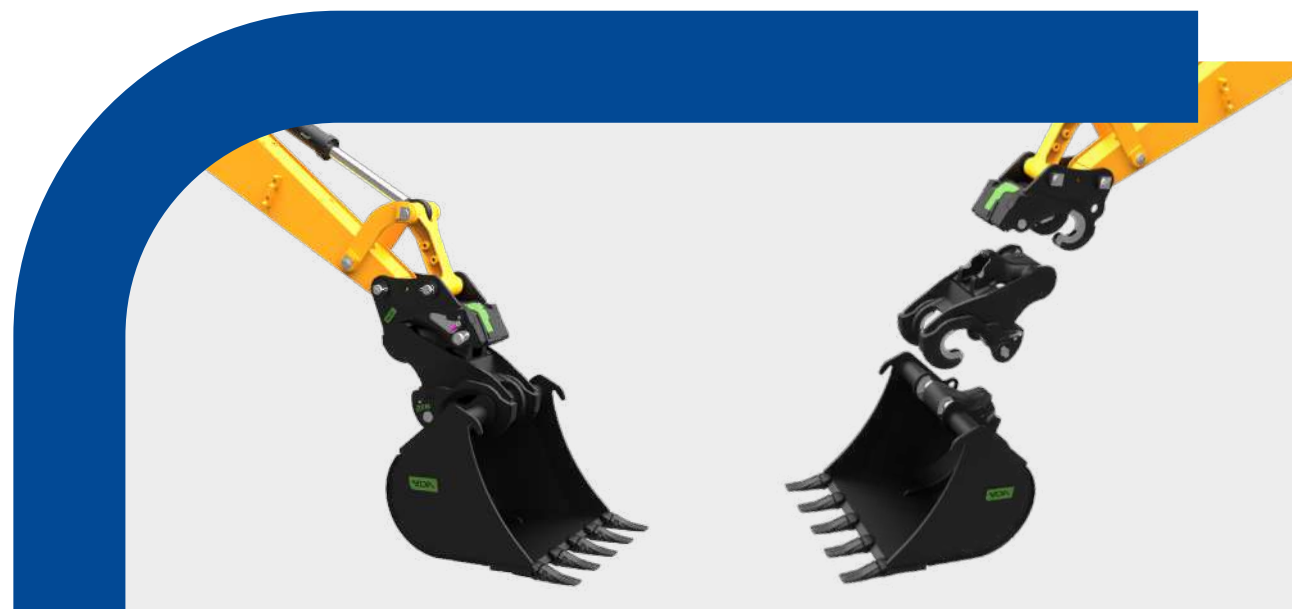
Thanks to 360° rotation, perform up to 80% of the work of a tiltrotator at a far lower cost. Available in hydraulic or mechanical versions.

Page 26



Tiltrotator

The multi-function coupler with 360° rotation and ±50° tilt combines manoeuvrability with productivity. Available in a hydraulic version. **Page 28**



FREE COUPLER RANGE

± 90° ultra-tilting with power unit



Mechanical



Hydraulic

- HYDRAULIC BREAKER USE PROHIBITED
- NON ORIGINAL SYSTEM
- VERACHTERT SYSTEM CW
- LEHNHOFF SYSTEM L
- MODIC STANDARD SYSTEM S
- LIEBHERR ORIGINAL SYSTEM SW
- OTHER SYSTEMS ON REQUEST

360° rotation



Mechanical



Hydraulic

- OCCASIONAL HYDRAULIC BREAKER USE
- NON ORIGINAL SYSTEM
- VERACHTERT SYSTEM CW
- LEHNHOFF SYSTEM L
- MODIC STANDARD SYSTEM S
- LIEBHERR ORIGINAL SYSTEM SW
- OTHER SYSTEMS ON REQUEST

Tiltrotators

with 360° rotation and ± 50° tilt



- HYDRAULIC BREAKER USE PROHIBITED
- NON ORIGINAL SYSTEM
- VERACHTERT SYSTEM CW
- LEHNHOFF SYSTEM L
- MODIC STANDARD SYSTEM S
- LIEBHERR ORIGINAL SYSTEM SW
- OTHER SYSTEMS ON REQUEST

Free couplers add weight and require integration work on your machine, which must be taken into account when ordering

To achieve this, ACB+ will work with you to develop a product that is tailored to your needs, performance and machine configuration.

Feel free to use our product specification sheet on pages 200 and 201.

This sheet is the starting point for our joint approach, which will ensure the compatibility of the coupling/ tool assembly with your machine, taking account of current safety standards.

ACB+ can support you right up to the installation of your couplers and tools on your machines.

ULTRA-TILTING FREE COUPLERS

These couplers, which are available in a mechanical or hydraulic version, tilt up to $\pm 90^\circ$ and include the properties of the Morin Original system at the bottom.

Maximum performance

The compact design ultra-tilting coupler with power unit is the perfect coupler for public works, and for creating and maintaining embankments, as well as for all your finishing work. **It will enable you to use smaller trenches and to access more extreme positions.**

The patented tilt function is based on an elliptical piston and a single helical gear system unlike other tilt systems, which comprise two helical gear systems and are often much larger.

All the power unit's internal components are lubricated with hydraulic oil, which keeps maintenance to a minimum. The power unit is protected by robust mechanical stops at its travel limits.



To ensure that the tilt is maintained, a dual non-return valve may be installed as an option.

Installation is quick and easy due to the use of a simple proportional auxiliary line from the excavator.



Mechanical ultra-tilting couplers Modules 0 to 4

M0S	M1S	M2S	M3S	M4S			
							
0.5 t - 2 t	1.5 - 2 t	2 t - 3.5 t	3.5 t - 5.5 t	4.5 t - 5.5 t	5.5 t - 7.5 t	6.5 t - 7.5 t	7.5 t - 10 t
RA02	RA02	RA045	RA045	RA07	RA07	RA10	RA10
Prices on quotation only, please contact us for more information.							

The ultra-tilting coupler with power unit, which is available with the Morin Original system, is now available with **CW Verachtert, Lehnhoff, S Nordic Standard and SW Liebherr Original systems**. In these cases, the coupler adopts the characteristics of the chosen system. Please contact us for more information.

Hydraulic ultra-tilting couplers Modules 1 to 6

H1S	H2S	H3S	H4S	H5S	H6S					
										
1.5 - 2 t	2 t - 3.5 t	3.5 t - 5 t	4.5 t - 5.5 t	5.5 t - 6.5 t	6.5 t - 7.5 t	7.5 t - 10 t	10 t - 14 t	13 t - 15 t	15 t - 19 t	19 t - 23 t
RA02	RA045	RA045	RA07	RA07	RA10	RA10	RA14	RA19	RA19	RA23
Prices on quotation only, please contact us for more information.										

The configuration of the ultra-tilting coupler is determined by your machine and our design office.

ROTATING FREE COUPLERS

ROTO+

These couplers, which are available in a mechanical or hydraulic version, rotate by 360° and include the properties of the Morin Original system at the bottom at a lower cost than a tiltrotator.



Did you know?

A rotating coupler offers far more possibilities than a tilting coupler.

Compared to a tiltrotator, it allows you to perform more than 80% of the work of a tiltrotator with real benefits in terms of performance, operation and integration into the machine. Lighter, more compact, greater hydraulic flow, easier to install, more economical, the rotating solution offers real advantages.

Compared to a tilting coupler, it offers you greater mobility, as well as the precision required for public works applications, embankments with complex shapes, trench filling, mounding and riprap work, pallet handling and finishing work around obstacles.

Compared to a classic coupler, it offers you a time saving of 10% for excavation, 30% for public works and 50% for landscaping work, simply because you can handle even the minutest details of your finishing work.

- **Tool reversibility in half a turn:** without removing your tool, it changes from being used as a hoe bucket to a shovel in seconds.
- **Rotation that tilts the bucket:** thanks to the combination of rotation, the bucket kinematics and that of the rotating coupler, you can perform all your embankment and trench filling work.

The rotating coupler is the perfect response to your sites' need for versatility.

ACHIEVE ALL YOUR AMBITIONS WITH THE ROTATING COUPLER



Performance and Reliability

The ROTO+ rotating coupler has a **compact design**, preserving the machine's performances to the greatest extent. Thus the force at the tine is still greater than with a tilting coupler or a tiltrotator.

The irreversible principle of the **wheel and worm gear system** naturally allows the tool to be always maintained in the correct position.




A hydraulic rotary joint facilitates high throughputs and the use of a grapple, milling cutter and hydraulic breaker. The hydraulic rotary joint is optional for all mechanical couplers. An optional **electrical rotary joint is available** for the transmission of electric signals.

No major conversion in the cab and no extra hydraulic equipment is needed for installation. As most machines are factory fitted with two auxiliary lines, the highest speed line is thus kept for supplying tools, such as hydraulic breakers.

Driver familiarisation is quick and easy thanks to their compact design and control via a single hydraulic function in the cab.

The ROTO+ rotating coupler is compatible with the majority of 2D/3D guidance systems. A rotation sensor can also be incorporated in order to benefit from this over-equipment.

Mechanical rotating couplers **ROTO+** modules 1 to 4*

RM1S	RM2S	RM3S	RM4S
			
2 t - 3.5 t R04-0	3.5 t - 5.5 t R06-0	5.5 t - 7.5 t R11-0	7.5 t - 10 t R11-0
Prices on quotation only, please contact us for more information.			

The ROTO+ rotating coupler, which is available with the Morin Original system, is now available with **CW Verachtert, Lehnhoff, S Nordic Standard and SW Liebherr Original systems**. In these cases, the coupler adopts the characteristics of the chosen system. Please contact us for more information.

Hydraulic rotating couplers **ROTO+** modules 1 to 4*

RH1S	RH2S	RH3S	RH4S
			
2 t - 3.5 t R04-4	3.5 t - 5.5 t R06-5	5.5 t - 7.5 t R11-5	7.5 t - 10 t R11-5
Prices on quotation only, please contact us for more information.			

* Other models, for machines above 10 t and/or other coupling systems, available on request

In addition to the mechanical and hydraulic versions, two rotating coupler versions are available:

With hydraulic tools: means that the coupler is equipped with several hydraulic channels permitting the connection of hydraulic tools.

- As standard, these couplers are supplied with flat-faced male connectors for 1 double-acting line + 1 drain.

- As an option, a second double-acting line can be fitted, as well as a 12-way electrical connection passage.

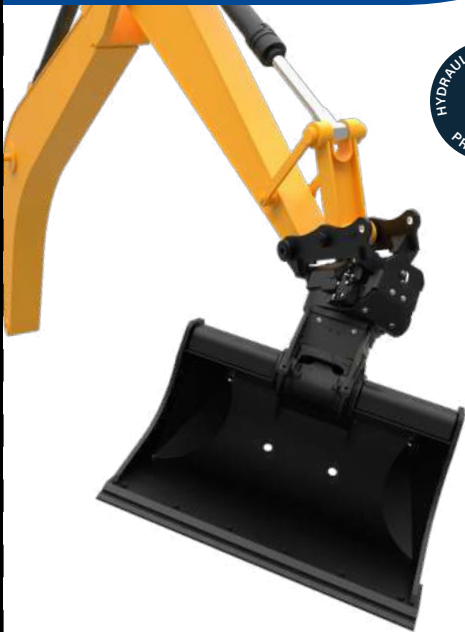
Without hydraulic tools: means that the coupler does not offer the option of connecting hydraulic tools.

TILTROTATORS

NOX INSIDE

FREE COUPLERS

These multi-function couplers, which are available in a hydraulic version, are equipped with 360° rotation, ±50° tilt and include the properties of the Morin Original system at the bottom



Maximum functions

The tiltrotator is the most complete coupler in terms of functions, and is used on hydraulic excavators from 3.5 to 25 tons.

The 360° rotation and ±50° tilt **allow the tool attached to the coupler to be moved simultaneously in all directions.**

Our tiltrotator ^{nox inside} is tried and tested and is **the most compact on the market.** Unlike other tiltrotators **no parts protrude beyond the coupler, allowing you to work in narrow trenches or in a forest environment.**

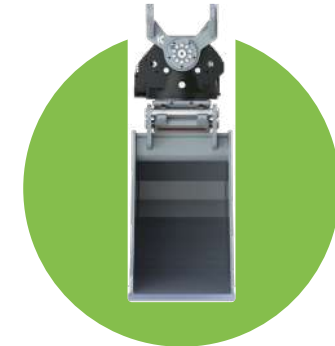


Tiltrotators with exposed actuators

- High structure to ensure sufficient clearance
- Exposed actuators, which are susceptible to impacts in narrow trenches
- Necessary maintenance of articulation bearings and actuator bearings
- The assembly is overhead and exposed depending on the model.

Tiltrotator ^{nox inside} without actuators

The patented tilt function is based on an elliptical piston and a helical gear system to provide the tilt function. **This arrangement allows for a low construction height, minimising the loss of breakout force for all tools attached to the tiltrotator, with no visible actuators.**



Tiltrotator ^{Nox Inside} without exposed actuators

With the patented tilt system:

- The assembly is compact and fully integrated, The height is reduced by design
- the coupler's width is smaller by around 120 mm depending on the model
- The tilting torque is constant over the entire angular range

Robust and proven positioning

The wheel and worm gear system of the slewing ring is generously dimensioned to absorb breakout forces.



It operates in a completely sealed oil bath, with no maintenance required for a long working life.

DF4 control system

The DF4 control system needs two dual-action hydraulic circuits. (DF4 i.e. 4 connecting hoses).

Rotation and tilting can be executed simultaneously with the machine's original proportional control system.



The DF4 cab control unit can also electrically divert the tilt function to:

- Two hydraulic extra functions to supply your hydraulic tools
- or one extra function for your tool and the other for the optional integrated grapple, if required.

Naturally, the hydraulic rotary joint is factory fitted, an optional electrical rotary joint is available.

Machine requirements for the DF4

A high-speed auxiliary line with proportional control to control tilting, as well as the extra functions

A medium-speed auxiliary line with proportional control to control rotation

One ON/OFF button per extra function is required on the existing levers to control their switching. If necessary, ACB+ can provide supplementary buttons as an option.

Hydraulic tiltrotators ^{Nox Inside} modules 2 to 6

H2S	H3S	H4S	H5S	H6S
				
3.5 t - 5.5 t	5.5 t - 7.5 t	7.5 t - 10 t	10 t - 15 t	15 t - 24 t

Prices on quotation only, please contact us for more information.

The Tiltrotator ^{Nox Inside}, which is available with the Morin Original system, is now available with CW Verachtert, Lehnhoff, S Nordic Standard and SW Liebherr Original systems. In these cases, the coupler adopts the characteristics of the chosen system. Please contact us for more information.

Choosing the right type of quick coupler for your business

The coupler specification sheet is available on page 200.













		CLASSIC COUPLER	ULTRA-TILTING COUPLER WITH POWER UNIT	ROTATING COUPLER	DF4 TILTROTATOR	SOLUTIONS NOT RECOMMENDED BY ACB+	
						DF4 SANDWICH TILTROTATOR	CSP SANDWICH TILTROTATOR
Degree of freedom		Fixed	±90° or ±70° tilt (depending on the model)	360° rotation	360° rotation and ±50° tilt (90° combined movement)	360° rotation and ±50° tilt (90° combined movement)	
Machine	Breakout force (BOF)	++	++	++	+	+	+
	Lifting capability	++	++	++	+	+	+
	Equivalent jib offset	0	0	++	++	++	++
	Machine equipment	1 QC line*	1 QC line* + 1 auxiliary line	1 QC line* + 1 auxiliary line	1 QC line* + 2 auxiliary lines	1 quick coupler line + 2 auxiliary lines	
	Hydraulic flow rate at the rotary joint for tools	0	0	++	+ (standard version) ++ (High Flow version)	Low to very low or High Flow option	
	Thumb compatibility	++	0	0	0	0	0
	Driver familiarisation time	0	2 to 3 days	1 week	3 to 4 weeks	3 to 4 weeks	4 to 6 weeks
	Installation time	1 to 4 hours	4 to 8 hours	4 to 8 hours	6 to 12 hours	7 to 20 hours	16 to 36 hours
	Price	€	€€	€€€	€€€€	€€€€€	€€€€€€
	Use of tilt + rotation + extra function in simultaneous proportional mode	Not applicable				No	No
Tools	Mound working	0**	0**	++	++	++	++
	Max. bucket width	++	+	+	+	++ (removal)	++ (removal)
	Backhoe claw compatibility	++	0	0	0	0	0
	Universal grading bucket	+	+	++	++	++	++
	Pallet forks (excavator with valves)	++	+	+	+	++	++
	Sorting grapple	Rotating	Rotating	Fixed	Fixed	Fixed	Fixed
	Rock excavation use	Occasional	Prohibited	Prohibited	Prohibited	Continuous with removal	Continuous with removal
	Hydraulic breaker use	Continuous	Prohibited	Occasional	Prohibited	Continuous with removal	Continuous with removal

Key: 0 = Incompatible or unsuitable use | + = Average performance | ++ = Maximum performance | * Quick coupler line | ** Mound working possible with reversible kit or mound tool

COUPLERS BY MACHINE

Updates to this list will be available on our website acbplus.com.

*Some couplers have not yet been coded; for these, you have a generic code where you simply replace MACHINE with the make and type of your machine.

BRAND	MACHINES	MODULE	BUCKET RANGE	TINE CLASS	MECHANICAL		HYDRAULIC	
					ITEM CODE*	PRICE EXCL. VAT (€)	ITEM CODE*	PRICE EXCL. VAT (€)
ACB+	REVERSIBLE KIT M0	M0 			5093427	-		
ACB+	REVERSIBLE KIT M1	M1 			5093144	-		
ACB+	REVERSIBLE KIT M2	M2 			5092910	-		
ACB+	REVERSIBLE KIT M3	M3 			5103445	-		
ACB+	REVERSIBLE KIT M4	M4 			5107121	-		
AIRMAN	AX10u	M0 	01	D5	MOS-MACHINE	-		
AIRMAN	AX17u	M0 	02	D5	5091584	-		
AIRMAN	AX27U-5F	M1 	13	D5	5088131	-	HIS-MACHINE	-
AMMANN	AMX 12 AMX14	M0 	00	D5	5093661	-		
AMMANN	AMX 15SR AMX 18 AMX 18ZT	M0 	02	D5	5093833	-		
AMMANN	AMX24-2	M0 	02	D5	5153128	-		
AMMANN	AMX 22SR AMX24 AMX 25ZT AMX28 AMX 28ZT AMX 35ZT	M1 	12	D5	5102770	-	HIS-MACHINE	-
AMMANN	AMX42 AMX45 - AMX 50ZT AMX 55	M2 	22 23	D5	5114676	-	5114675	-
AMMANN	AMX58 AMX60 AMX60ZT AMX65	M2 	23	D8	5103050	-	5103049	-
AMMANN	AMX85 AMX85ZT AMX95DDP AMX100	M3 	31	D10	5111930	-	5129560	-
BOBCAT	E08 E10 E10Z - E17 E17Z E19 E20 E20Z	M0	00 02	D5	5092047	-		
BOBCAT	E25 E26 E27 E27Z E32 E34 E35 E35Z E37	M1 	12	D5	5088196	-	HIS-MACHINE	-
BOBCAT	E45 E50 E50Z E55 E55Z E60	M2 	22	D8	5093439	-	5093440	-
BOBCAT	E57W E62	M2 	23	D8	5093454	-	5093453	-
BOBCAT	E80 E85	M3 	32	D10	5092740	-	5111110	-
BOBCAT	E88	M3 	32	D10	5158225	-	5158207	-
CASE	CX12D CX14D	M0	00	D5	5093661	-		
CASE	CX17C CX18C CX19C	M0 	02	D5	5093340	-		

BRAND	MACHINES	MODULE	BUCKET RANGE	TINE CLASS	MECHANICAL		HYDRAULIC	
					ITEM CODE*	PRICE EXCL. VAT (€)	ITEM CODE*	PRICE EXCL. VAT (€)
CASE	CX17D CX18D CX19D CX20D	M0	02	D5	5167900	-		
CASE	CX22D	M0	02	D5	5153128	-		
CASE	CX28D CX35D	M1	12	D5	5102770	-	HIS-MACHINE	-
CASE	CX26C CX30C	M1	13	D5	5100630	-	HIS-MACHINE	-
CASE	CX37C	M1	13	D5	5093341	-	HIS-MACHINE	-
CASE	CX42D CX45D - CX50D CX55D	M2	22 / 23	D5	5114676	-	5114675	-
CASE	CX57C CX60C	M2	23	D8	5088928	-	5090121	-
CASE	CX58D CX60D CX65D	M2	23	D8	5103050	-	5103049	-
CASE	580ST 590ST 695ST	M3	31	D10	5102449	-	5104144	-
CASE	CX85D CX90E	M3	31	D10	5111930	-	5129560	-
CASE	580SV 590SV 695SV	M3	32	D10	5104529	-	5107729	-
CASE	CX75 CX75SR CX80C CX85D CX90D WX95	M3	32	D10	5100577	-	5107952	-
CASE	CX85SR CX90D MSR CX130 LR	M3	32	D10	5172166	-	H3S-MACHINE	-
CASE	CX130D CX145C-SR CX145D-SR	M5	53	D20			5152652	-
CASE	CX160B/C/D CX180/C/D	M6	61	D20			5107887	-
CASE	CX210C CX210D CX230D CX245D	M6	62	D30			5104521	-
CASE	CX240	M6	62	D40			5111109	-
CASE	CX250D	M6	62	D40			5168304	-
CASE	CX350D CX370D	M7	72	D55			5117420	-
CATERPILLAR	300.9D	M0	01	D5	5088899	-		
CATERPILLAR	301 (all models) 301.5 NG 301.7CR 301.8 302CR-NG	M0	02	D5	5101247	-		
CATERPILLAR	302.2D 302.4D 302.5C 302.7 302.7D 302.7NG	M1	12	D5	5094341	-	HIS-MACHINE	-
CATERPILLAR	303 (all models) 303CR 303.5CR 304E2-CR	M1	13	D5	5102851	-	5169532	-
CATERPILLAR	304C-CR 305C-CR 305CR NG 305D-CR 305.5D-CR 305.5E-CR 305E2 306 306.5 306.6CR	M2	23	D8	5100611	-	5100610	-
CATERPILLAR	304.5 304CR 305CR	M2	23	D8	5129985	-	5130051	-
CATERPILLAR	307.5NG 308NG 309CR	M3	32	D8	5093984	-	5106387	-
CATERPILLAR	428F 432F 434F 444F	M3	32	D15	5093680	-	5107848	-
CATERPILLAR	307D 307E 307E2 308D 308E2-CR-SB	M4	40	D10	5103840	-	5133918	-
CATERPILLAR	310	M4	40	D10	5173583	-	5142315	-
CATERPILLAR	311F - 313F M313D	M5	52	D15 D20			H5S-MACHINE	-
CATERPILLAR	313 313GC 315 315 GC M314 M315 M316 M317	M5	53	D20			5142517	-
CATERPILLAR	M315D2 - M315D M315F M316F	M5	52 53	D20			5130384	-

BRAND	MACHINES	MODULE	BUCKET RANGE	TINE CLASS	MECHANICAL		HYDRAULIC	
					ITEM CODE*	PRICE EXCL. VAT (€)	ITEM CODE*	PRICE EXCL. VAT (€)
CATERPILLAR	M318F	M6 ●	60	D30			5103990	-
CATERPILLAR	315B 315C 315D 316E 316F 317B 318E 318F M318NG	M6 ●	61	D30			5139975	-
CATERPILLAR	320GC FROM 2018 TIM "B" & "B1" - 320F-L 323 (new generation) 323F-L 325 325F-L 340LRE 352LRE NG TIM "B" & "B1"	M6 ●	62 63	D30			5103942	-
CATERPILLAR	320 323 325 326	M6 ●	63	D30			5115918	-
CATERPILLAR	330GC 330 STAGE V 335 NG	M7 ●	71	D40			5126219	-
CATERPILLAR	336E DB	M7 ●	72	D55			5126966	-
CATERPILLAR	330D TB LME 340F UHD TIM DB 349E TIM TB	M7+ ●	72	D55			H7S+-MACHINE	-
CATERPILLAR	336D TB LME 336 FXE TB	M7+ ●	73	D65			H7S+-MACHINE	-
COLTRAX	CX10 CX12 CX14	M0 ●	00	D5	5093661	-		
COLTRAX	CX15 CX18	M0 ●	02	D5	5093833	-		
COLTRAX	CX20	M0 ●	02	D5	5153128	-		
COLTRAX	CX22 CX25 CX28 CX35	M1 ●	12	D5	5102770	-	HIS-MACHINE	-
COLTRAX	CX50 CX57 CX58 CX60 CX62ST	M2 ●	23	D8	5103050	-	5103049	-
COLTRAX	CX85 CX95ST	M3 ●	32	D10	5111930	-	H3S-MACHINE	-
DEVELON	DX10Z	M0 ●	00	D5	5092047	-		
DEVELON	DX17Z DX19	M0 ●	02	D5	5093340	-		
DEVELON	DX27Z DX27Z-7	M1 ●	12	D5	5102770	-	HIS-MACHINE	-
DEVELON	DX35Z-7	M1 ●	12	D5	5101358	-	HIS-MACHINE	-
DEVELON	DX30 DX35	M1 ●	13	D5	5101358	-	HIS-MACHINE	-
DEVELON	DX55R-7 DX57W-7 DX62R-3 DX62R-7 DX63-3 DX63-7	M2 ●	23	D8	5093454	-	5093453	-
DEVELON	DX85R-7	M3 ●	32	D10	5092740	-	5111110	-
DEVELON	DX100W-7	M4 ●	40	D10	5137644	-	H4S-MACHINE	-
DEVELON	DX140LC-7K DX140LC-7 DX140-LCR-7 DX140W-7 DX190LC-7HT DX160W-7 DX165WR-7	M5 ●	52	D20			5119664	-
DEVELON	DX210-7 DX210NLC-7 DX225LC-7 DX225LC-7X DX235LCR-7 DX190W-7 DX210W-7	M6 ●	62	D40			5104145	-
DEVELON	DX255LC-5 DX255LC-7	M6 ●	62	D40			5122064	-
DEVELON	DX300LC-7K DX300LC-7 SLR	M7 ●	71	D40			5131724	-
DEVELON	DX380LC-7K	M7 ●	72	D55			5119537	-
DEVELON	DX420LC-7K DX530LC-7K DX530LC-7 SLR	M7+ ●	73	D65			5138624	-
EUROCOMACH	12ZT 14SR 15X	M0 ●	00	D5	5093661	-		
EUROCOMACH	18ZT 19ZT 19TR	M0 ●	02	D5	5093833	-		
EUROCOMACH	22SR	M0 ●	02	D5	5153128	-		

BRAND	MACHINES	MODULE	BUCKET RANGE	TINE CLASS	MECHANICAL		HYDRAULIC	
					ITEM CODE*	PRICE EXCL. VAT (€)	ITEM CODE*	PRICE EXCL. VAT (€)
EUROCOMACH	25ZT 28ZT 35ZT	M1 ●	12	D5	5102770	-	HIS-MACHINE	-
EUROCOMACH	42ZT 45TR	M2 ●	22	D5	5114676	-	5114675	-
EUROCOMACH	50ZT 55TR	M2 ●	23	D5	5114676	-	5114675	-
EUROCOMACH	57ZT 60ZT 65TR	M2 ●	23	D8	5103050	-	5103049	-
EUROCOMACH	85SB 90ZT 95UR 100TR	M3 ●	32	D10	5111930	-	H3S-MACHINE	-
EUROMACH	1500 R25	M1 ●	12	D5	5105760	-	HIS-MACHINE	-
EUROMACH	2500 MOBILE	M1 ●	13	D5	5093665	-	HIS-MACHINE	-
EUROMACH	R45 BIGFOOT FORESTER	M2 ●	22	D5	5105817	-	5105816	-
EUROMACH	R555H R555HBIGFOOT/FORESTER	M3 ●	32	D10	5105813	-	H3S-MACHINE	-
EUROMACH	8500 R105 R85 R853 R85-BIGFOOT R85L	M4 ●	41	D20	5105812	-	H4S-MACHINE	-
EUROMACH	R1255 R1255BIGFOOT/FORESTER	M5 ●	53	D30			5159160	-
HANIX	H55DR	M2 ●	23	D8	5107693	-	5107692	-
HIDROMEK	HMK62T HMK62SS	M1 ●	13	D5	5176402	-	HIS-MACHINE	-
HIDROMEK	HMK102B HMK102S	M3 ●	32	D15	5103527	-	5109927	-
HIDROMEK	HMK140LC HMK140W HMK145LC	M5 ●	52	D20			5138219	-
HIDROMEK	HMK220 LC3	M6 ●	62	D40			5139282	-
HITACHI	ZX10U-6	M0 ●	01	D5	5093459	-		
HITACHI	ZX17U-6 ZX19U-6	M0	02	D5	5091584	-		
HITACHI	ZX26U-6	M1 ●	13	D5	5088131	-	5168387	-
HITACHI	ZX33U-6 ZX38U-6	M1 ●	13	D5	5102396	-	HIS-MACHINE	-
HITACHI	ZX48U-6 ZX55U-6 ZX55U-6EB	M2 ●	22	D5	5088948	-	5090109	-
HITACHI	ZX65USB-6	M3 ●	31	D8	5093328	-	5111707	-
HITACHI	EX60-3 EX75UR-3	M3 ●	32	D10	5141944	-	H3S-MACHINE	-
HITACHI	ZX85USB-5	M3 ●	32	D10	5093319	-	5112551	-
HITACHI	ZX95W-7	M3 ●	32	D10			M3S-MACHINE	-
HITACHI	ZX130-5G ZX130-7 ZX135US-7 ZX155W-7	M5 ●	53	D20			5109743	-
HITACHI	ZX170W-5A	M6 ●	61	D20			5119970	-
HITACHI	ZX180W-7	M6 ●	61	D30			5104469	-
HITACHI	ZX210-7 ZX210W-5A ZX225US/USR	M6 ●	62	D40			5104469	-
HITACHI	ZX300LC-7 ZX250LC-7	M7 ●	71	D40			5112430	-
HITACHI	ZX350LC-7	M7 ●	72	D55			5118706	-
HITACHI	ZX490 LCH-7 ZX500LCH-3 ZX470LCH-5	M7+ ●	73	D65			5154854	-
HYUNDAI	HX17A HX19A	M0 ●	02	D5	5093340	-		

BRAND	MACHINES	MODULE	BUCKET RANGE	TINE CLASS	MECHANICAL		HYDRAULIC	
					ITEM CODE*	PRICE EXCL. VAT (€)	ITEM CODE*	PRICE EXCL. VAT (€)
HYUNDAI	R25Z-9 R30Z-9A	M1 ●	13	D5	5100630	-	HIS-MACHINE	-
HYUNDAI	R35Z-9	M1 ●	13	D5	5093341	-	HIS-MACHINE	-
HYUNDAI	R55W-9A R55-9A R60CR-9 HW65A HX65A	M2 ●	22	D8	5088928	-	5090121	-
HYUNDAI	HX48AZ	M2 ●	23	D5	5175402	-	5175401	-
HYUNDAI	HX85-A R80CR-9	M3 ●	32	D10	5103271	-	5120068	-
HYUNDAI	HW100A	M4 ●	40	D15	5137644	-	5172838	-
HYUNDAI	HW140A HX140AL HX145ALCR HX130ALCR	M5 ●	52	D20			5121357	-
HYUNDAI	HX180AL	M6 ●	61	D20			5129313	-
HYUNDAI	HW210A HX220AL HX235ALCR	M6 ●	62	D40			5109205	-
HYUNDAI	HX330AL HX380AL	M7 ●	71	D55			5132297	-
JCB	8008 CTS 8010 CTS	M0 ●	01	D5	5088899	-		
JCB	16C-1 18Z 19C-1	M0 ●	02	D5	5121803	-		
JCB	2CX 3CX COMPACT	M1 ●	12	D5	5140073	-	HIS-MACHINE	-
JCB	26C-1 25Z-1	M1 ●	12	D5	5104440	-	HIS-MACHINE	-
JCB	35Z-1 36C-1	M1 ●	13	D5	5147864	-	HIS-MACHINE	-
JCB	50Z-2 56Z-2	M2 ●	22	D8	5106184	-	5106183	-
JCB	3CX 4CX 65R-1 67C-1 85Z-2 86C-2 90Z-2 HYDRADIG110W	M3 ●	31	D8	5100217	-	5104088	-
JCB	JS70 JZ70	M3 ●	32	D10	5100577	-	H3S-MACHINE	-
JCB	100C-2	M4 ●	40	D15	5111316	-	H4S-MACHINE	-
JCB	JS115	M5 ●	52	D20			H5S-MACHINE	-
JCB	JS130 JS145 JZ140 JZ141	M5 ●	53	D20			5120197	-
JCB	JS160 JS175 JS180LC JS190	M6 ●	61	D20			5107887	-
JCB	JS220 JS245X	M6 ●	62	D30			5104521	-
KAISER	S2	M4 ●	42	D20	5110120	-	H4S-MACHINE	-
KAISER	S8 S8 ALL ROAD	M4 ●	42	D20	M4S-MACHINE	-	5155549	-
KAISER	S10 S12	M5 ●	52	D20			5107717	-
KATO IMER IHI	HD9VXE	M0 ●	01	D5	5093331	-		
KATO IMER IHI	HD12VXE	M0 ●	02	D5	5093781	-		
KATO IMER IHI	HD17VXE	M0 ●	02	D5	5091287	-		
KATO IMER IHI	HD27V5 HD33V5	M1 ●	12	D5	5088268	-	HIS-MACHINE	-
KATO IMER IHI	HD37V5	M1 ●	13	D5	5093333	-	HIS-MACHINE	-
KATO IMER IHI	HD50V5 HD60V5	M2 ●	23	D8	5093338	-	5093337	-
KATO IMER IHI	HD85V5	M3 ●	32	D10	5093339	-	5121483	-

BRAND	MACHINES	MODULE	BUCKET RANGE	TINE CLASS	MECHANICAL		HYDRAULIC	
					ITEM CODE*	PRICE EXCL. VAT (€)	ITEM CODE*	PRICE EXCL. VAT (€)
KATO IMER IHI	HD307	M3 ●	32	D10	5143457	-	H3S-MACHINE	-
KATO IMER IHI	HD512-7 HD514MR-7	M5 ●	53	D20			5134868	-
KATO IMER IHI	HD823MR-7	M6 ●	62	D40			5134903	-
KOBELCO	SK08 SK08-1E	M0 ●	00	D5	5093499	-		
KOBELCO	SK10SR-2E	M0 ●	02	D5	5102015	-		
KOBELCO	SK16 SK18	M0 ●	02	D5	5091409	-		
KOBELCO	SK17SR-3E	M0 ●	02	D5	5102257	-		
KOBELCO(1)	SK25SR-6 SK25SR-6E SK26-1E	M1 ●	13	D5	5088166	-	5166602	-
KOBELCO(1)	SK26SR-7 SK28SR-7	M1 ●	13	D5	5106843	-	HIS-MACHINE	-
KOBELCO(1)	SK26SR-6	M1 ●	13	D5	M1S-MACHINE	-	5166686	-
KOBELCO(1)	SK34SR-7 SK39SR-7	M1 ●	13	D5	5100573	-	5168686	-
KOBELCO(1)	SK50SRX-7 SK58SRX-7	M2 ●	22	D8	5150683	-	5150684	-
KOBELCO(1)	SK75SR-7 SK85MSR-7	M3 ●	32	D10	5093502	-	5104722	-
KOBELCO(1)	ED160-7	M5 ●	52	D20			5121932	-
KOBELCO(1)	SK140SRLC-7	M5 ●	53	D20			5121932	-
KOBELCO(1)	SK180LC-11	M6 ●	61	D20			5124564	-
KOBELCO(1)	SK230SRLC-7	M6 ●	61	D30			5109379	-
KOBELCO(1)	SK270SRNLC-7	M6 ●	62	D30			5109379	-
KOBELCO(1)	SK210LC-11 SK260SRNLC-3	M6 ●	62	D40			5109379	-
KOBELCO(1)	SK260NLC-11	M6 ●	62	D40			5112219	-
KOBELCO(1)	SK300NLC-11	M7 ●	71	D40			5144997	-
KOBELCO(1)	SK350NLC-11	M7 ●	71	D55			5128748	-
KOMATSU	PC09-1	M0 ●	01	D5	5093802	-		
KOMATSU	PC16R-3	M0 ●	02	D5	5094398	-		
KOMATSU	PC22MR-3	M1 ●	12	D5	5093739	-	HIS-MACHINE	-
KOMATSU	PC24MR-5 PC26MR-5	M1 ●	12	D5	5088374	-	HIS-MACHINE	-
KOMATSU	PC58MR-5	M2 ●	23	D8	5092385	-	5092384	-
KOMATSU	WB93R-5(backhoe) WB93S-5(backhoe) WB97R-5(backhoe) WB97S-5(backhoe)	M3 ●	31	D10	5094165	-	5107318	-
KOMATSU	PC75R-2 PW75	M3 ●	32	D10	5104291	-	5107690	-
KOMATSU	PC78MR-6	M3 ●	32	D10	5102078	-	5106133	-
KOMATSU	PC80MR-5	M3 ●	32	D10	5093658	-	5107120	-
KOMATSU	PC88MR-11 PW98MR-11	M4 ●	40	D10	5108355	-	5124359	-

(1)ATTENTION, the original order for quick couplers for these excavators is not compatible with the installation requirements of our couplers. To avoid this incompatibility, in addition to the ACB+ coupler, you need to install a Hydraulic Block for excavators and a suitable Tensioning Coil for the machine. Please contact us for more information.

BRAND	MACHINES	MODULE	BUCKET RANGE	TINE CLASS	MECHANICAL		HYDRAULIC	
					ITEM CODE*	PRICE EXCL. VAT (€)	ITEM CODE*	PRICE EXCL. VAT (€)
KOMATSU	PC95R-2 PW95	M4 ●	40	D15	5154851	-	H4S-MACHINE	-
KOMATSU	PW138MR-11	M4 ●	41	D15	5113484	-	5120490	-
KOMATSU	PC138US-11 PW148-11 PW158-11	M5 ●	53	D20			5116158	-
KOMATSU	PC170LC-11 PW180-11 PW198-11	M6 ●	61	D20			5103989	-
KOMATSU	HB215	M6 ●	62	D30			5103761	-
KOMATSU	PC210LC/NLC-11 PC240LC/LNC-11	M6 ●	62	D40			5103761	-
KOMATSU	HB365LC-3 PC360LC/NLC-11	M7 ●	71	D55			5175868	-
KOMATSU	PC290LC-11	M7 ●	72	D55			5122129	-
KOMATSU	PC300-3	M7 ●	72	D55			5130134	-
KOMATSU	PC490-LC-11	M7+ ●	73	D65			5154545	-
KUBOTA	K008-5 U10-5	M0 ●	01	D5	5150903	-		
KUBOTA	KX016-4 KX019-4 U15-3N U17-3a	M0 ●	02	D5	5150792	-		
KUBOTA	R310	M0 ●	02	D5	5100422	-		
KUBOTA	KX027-4 U27-4	M1 ●	12	D5	5139790	-	5165083	-
KUBOTA	KX030-4 KX71-3	M1 ●	12	D5	5087737	-	5155391	-
KUBOTA	U20-3	M1 ●	12	D5	5164162	-	HIS-MACHINE	-
KUBOTA	KX037-4 U36-4	M1 ●	13	D5	5088225	-	5172427	-
KUBOTA	KX042-4a	M2 ●	22	D5	5092757	-	5092756	-
KUBOTA	KX057-4 U55-4	M2 ●	23	D8	5137691	-	5090123	-
KUBOTA	U50-5 U56-5 KX060-5	M2 ●	23	D5	5088611	-	5090123	-
KUBOTA	KX080-4 KX080-5	M3 ●	32	D15	5088693	-	5103941	-
KUBOTA	KX251	M3 ●	32	D15	5170318	-	H3S-MACHINE	-
LIEBHERR	A309 A910Compact A912Compact	M4 ●	42	D15	5113727	-	5120233	-
LIEBHERR	A916Compact R313	M5 ●	52	D15			5119676	-
LIEBHERR	A914Li/Compact R914Compact A/R900C A916Li	M5 ●	53	D15			5119676	-
LIEBHERR	A918Li/Compact R918Li R920Compact	M6 ●	61	D20			5104294	-
LIEBHERR	A920litronic	M6 ●	61	D30			5104462	-
LIEBHERR	A/R922 LH35M R920 R924Compact R926Compact	M6 ●	62	D30			5104462	-
LIEBHERR	A902LITRONIC A904 R912LITRONIC R904C R912	M6 ●	62	D30			5138143	-
LIEBHERR	R2922LI DEMOL	M6 ●	62	D30			5131521	-
LIEBHERR	A924litronic A928litronic R922G8 R924 (3B)	M6 ●	62	D40			5103951	-
LIEBHERR	R926 Classic-Advanced R924G8 R926-III-IV-V	M6 ●	63	D40			5103951	-
LIEBHERR	R926 SEALED BEARING	M6 ●	62	D40			5113823	-

BRAND	MACHINES	MODULE	BUCKET RANGE	TINE CLASS	MECHANICAL		HYDRAULIC	
					ITEM CODE*	PRICE EXCL. VAT (€)	ITEM CODE*	PRICE EXCL. VAT (€)
LIEBHERR	R934 SEALED BEARING	M7 ●	71	D40			5134375	-
LIEBHERR	R934LITRONIC R934B R954B MULTI USER	M7 ●	71	D40			5151573	-
LIEBHERR	R936 R936 COMPACT	M7 ●	71	D40			5118418	-
LIEBHERR	R936 SEALED BEARING	M7 ●	71	D40			5144249	-
LIEBHERR	R930	M7 ●	72	D40			5118418	-
LIEBHERR	R930 SEALED BEARING	M7 ●	72	D40			5144249	-
LIEBHERR	R934 R938 R945G8 R946	M7 ●	72	D55			5120263	-
LIEBHERR	R950 Demolition	M7 ●	72	D55			H7S-MACHINE	-
LIEBHERR	R950 SME	M7+ ●	73	D65			5128749	-
LIUGONG	CLG9018F	M0	02	D5	5152080	-		
LIUGONG	CLG9027F ZTS	M1 ●	12	D5	5152825	-	5165692	-
LIUGONG	CLG9035E ZTS	M1 ●	13	D5	5170843	-	H1S-MACHINE	-
LIUGONG	CLG909ECR	M3 ●	31	D15	5161529	-	5164732	-
LIUGONG	915E	M5 ●	52	D15			5170659	-
LIUGONG	CLG922E	M6 ●	61	D30			H6S-MACHINE	-
LIUGONG	926F	M6 ●	62	D30			5168381	-
LIUGONG	925E	M6 ●	62	D40			5168367	-
LIUGONG	CLG930E	M7 ●	71	D40			H7S-MACHINE	-
MECALAC	8MCR	M3 ●	MECALAC	D10	5100135	-	H3S-MACHINE	-
MENZI-MUCK	A20	M1 ●	12	D5	5105760	-	H1S-MACHINE	-
MENZI-MUCK	M220	M3 ●	32	D15	M3S-MACHINE	-	5121986	-
MENZI-MUCK	M3 M5	M4 ●	42	D20	M4S-MACHINE	-	5157922	-
MENZI-MUCK	M535	M4 ●	42	D20	M4S-MACHINE	-	H4S-MACHINE	-
MESSERSI	M-13K M-16U M18DS	M0	02	D5	5101372	-		
MESSERSI	M22U	M1 ●	12	D5	M1S-MACHINE	-	H1S-MACHINE	-
MESSERSI	M25 M-28U M-28K M-35K M-38U	M1 ●	12	D5	5101371	-	H1S-MACHINE	-
NEW-HOLLAND	E12D E14D	M0	02	D5	5093661	-		
NEW-HOLLAND	E16B E18B	M0	02	D5	5091409	-		
NEW-HOLLAND	E17D E18D E19D E20D	M0	02	D5	5153128	-		
NEW-HOLLAND	E22D	M0	02	D5	5153128	-		
NEW-HOLLAND	E26BSR	M1 ●	12	D5	5100572	-	H1S-MACHINE	-
NEW-HOLLAND	E28D E35D	M1 ●	12	D5	5102770	-	H1S-MACHINE	-
NEW-HOLLAND	E26C	M1 ●	13	D5	5100630	-	H1S-MACHINE	-
NEW-HOLLAND	E27-2SR E29BSR	M1 ●	13	D5	5100572	-	H1S-MACHINE	-

BRAND	MACHINES	MODULE	BUCKET RANGE	TINE CLASS	MECHANICAL		HYDRAULIC	
					ITEM CODE*	PRICE EXCL. VAT (€)	ITEM CODE*	PRICE EXCL. VAT (€)
NEW-HOLLAND	E35SR/BSR E39BSR	M1 ●	13	D5	5100573	-	5168686	-
NEW-HOLLAND	E37C	M1 ●	13	D5	5093341	-	HIS-MACHINE	-
NEW-HOLLAND	E50D E55D	M2 ●	23	D5	5093341	-	H2S-MACHINE	-
NEW-HOLLAND	E60D E65D	M2 ●	23	D5	5103050	-	5103049	-
NEW-HOLLAND	E70B-SR E80B-SR	M3 ●	32	D10	5093502	-	5104722	-
NEW-HOLLAND	B100D B110D B115D	M3 ●	32	D15	5104529	-	5107729	-
NEW-HOLLAND	E135B E150B-BLADERUNNER	M5 ●	53	D15			H5S-MACHINE	-
SANY	SY16C SY18C SY18U	M0 ●	02	D5	5106866	-		
SANY	SY26U	M1 ●	13	D5	5121917	-	HIS-MACHINE	-
SANY	SY35U	M1 ●	13	D5	5106869	-	HIS-MACHINE	-
SANY	SY50U	M2 ●	23	D5	5120593	-	5120592	-
SANY	SY75C	M3 ●	31	D10	5107660	-	H3S-MACHINE	-
SANY	SY80C-9 SY80U	M3 ●	31	D10	5139912	-	5152903	-
SANY	SY135C SY155U SY155W	M5 ●	52	D20			5121927	-
SANY	SY215C	M6 ●	62	D40			5103761	-
SANY	SY335C	M7 ●	71	D55			5125989	-
SANY	SY365C	M7 ●	72	D55			5125989	-
SCHAEFF	TW75 TW95	M3 ●	32	D10	5093856	-	5112917	-
SUNWARD	SWE08B	M0 ●	02	D5	5143975	-		
SUNWARD	SWE17 SWE17F SW18UF SWE18UB SWE20F SWE20FED	M0 ●	02	D5	5120815	-		
SUNWARD	SWE18UF SWE20B	M0 ●	02	D5	5156811	-		
SUNWARD	SWE25UF	M1 ●	12	D5	5138695	-	HIS-MACHINE	-
SUNWARD	SWE35UF	M1 ●	13	D5	5143914	-	HIS-MACHINE	-
SUNWARD	SWE40U	M2 ●	22	D5	5128077	-	5128076	-
SUNWARD	SWE50B	M2 ●	22	D5	5161108	-	5161109	-
SUNWARD	SWE60UF	M2 ●	23	D8	5143700	-	5143708	-
SUNWARD	SWE80	M3 ●	31	D8	5136030	-	H3S-MACHINE	-
SUNWARD	SWE90UF SWE90UB	M4 ●	40	D15	5144105	-	5154948	-
SUNWARD	SWE155F	M5 ●	53	D20			5157789	-
TAKEUCHI	TB210R	M0 ●	01	D5	5101290	-		
TAKEUCHI	TB216 TB217R	M0 ●	02	D5	5093648	-		
TAKEUCHI	TB225 TB230 TB325R	M1 ●	12	D5	5088245	-	5164598	-
TAKEUCHI	TB235-2 TB240 TB335R	M1 ●	13	D5	5088260	-	HIS-MACHINE	-

BRAND	MACHINES	MODULE	BUCKET RANGE	TINE CLASS	MECHANICAL		HYDRAULIC	
					ITEM CODE*	PRICE EXCL. VAT (€)	ITEM CODE*	PRICE EXCL. VAT (€)
TAKEUCHI	TB250-2 TB257FR TB350R	M2 ●	22	D8	5092346	-	5092345	-
TAKEUCHI	TB260	M2 ●	22	D8	5094279	-	5094278	-
TAKEUCHI	TB280FR TB290-2 TB290 one-piece TB370 TB395W	M3 ●	32	D10	5100216	-	5104723	-
TAKEUCHI	TB2150R	M5 ●	53	D20			5121356	-
TEREX	TC10Z	M0 ○	01	D5	5093426	-		
TEREX	TC15 TC16 TC19 TC20	M0 ○	02	D5	5093852	-		
TEREX	TC25 TC29	M1 ●	12	D5	5113138	-	HIS-MACHINE	-
TEREX	TC35 TC37	M2 ●	22	D5	5103940	-	5103938	-
TEREX	TC48 TC50	M2 ●	23	D5	5093855	-	5093854	-
TEREX	TC60	M2 ●	23	D8	5093855	-	5093854	-
TEREX	FERMEC 860 TLB890 (backhoe)	M3 ●	32	D10	5105994	-	H3S-MACHINE	-
TEREX	TC85 TW75 TW95	M3 ●	32	D10	5093856	-	5112917	-
TEREX	TW110 TC125	M4 ●	40	D15	5119173	-	H4S-MACHINE	-
VENIERI	1.33B	M1 ●	12	D5	5119253	-	HIS-MACHINE	-
VENIERI	8.23F	M3 ●	31	D8	5104709	-	H3S-MACHINE	-
VOLVO	EC15E EC18E ECR18E	M0 ○	02	D5	5100761	-		
VOLVO	EC20E	M0 ○	02	D5	5102272	-		
VOLVO	EC27D ECR25D	M1 ●	12	D5	5088181	-	5165300	-
VOLVO	ECR40 EC45	M2 ●	22	D5	5106789	-	5106788	-
VOLVO	ECR50 ECR50F ECR58 ECR58F EC60E EW60E FROM 2021	M2 ●	22	D8	5146935	-	5147200	-
VOLVO	BL71	M3 ●	31	D8	5175013	-	H3S-MACHINE	-
VOLVO	EC70	M3 ●	32	D8	5149591	-	H3S-MACHINE	-
VOLVO	ECR88D	M3 ●	32	D10	5092683	-	5103091	-
VOLVO	EWR130E	M5 ●	52	D20			5159905	-
VOLVO	EC140E ECR145E EWR150E	M5 ●	53	D20			5117102	-
VOLVO	EC180E EWR170E EW160E EC160E	M6 ●	61	D20			5120480	-
VOLVO	EW180E	M6 ●	61	D30			5108565	-
VOLVO	ECR235E	M6 ●	62	D30			5104204	-
VOLVO	EC200EL EC220E	M6 ●	62	D40			5104204	-
VOLVO	EC240/B/C EC250E	M6 ●	63	D40			5108605	-
VOLVO	EC300 EL ECR355	M7 ●	71	D40			5124519	-
VOLVO	EC380E	M7 ●	72	D55			5142023	-

BRAND	MACHINES	MODULE	BUCKET RANGE	TINE CLASS	MECHANICAL		HYDRAULIC	
					ITEM CODE*	PRICE EXCL. VAT (€)	ITEM CODE*	PRICE EXCL. VAT (€)
WACKER-NEUSON	803	M0 ●	01	D5	5088899	-		
WACKER-NEUSON	1404 2003RD ET16 ET18 ET20 EZ17 EZ17E	M0	02	D5	5093052	-		
WACKER-NEUSON	2404 2503 ET24	M1 ●	12	D5	5088443	-	HIS-MACHINE	-
WACKER-NEUSON	EZ26	M1 ●	12	D5	5123355	-	5170991	-
WACKER-NEUSON	ET35 EZ36 EZ38	M1 ●	13	D5	5123355	-	5170991	-
WACKER-NEUSON	ET42	M2 ●	22	D5	5142186	-	5143538	-
WACKER-NEUSON	ET65 EW65	M2 ●	22	D8	5100438	-	5100437	-
WACKER-NEUSON	EZ53	M2 ●	22	D8	5093073	-	5093072	-
WACKER-NEUSON	ET58	M2 ●	23	D5	5150455	-	5150454	-
WACKER-NEUSON	EZ50	M2 ●	23	D5	5142186	-	5143538	-
WACKER-NEUSON	75Z3 8002 8003 EZ80	M3 ●	32	D8	5092444	-	5104419	-
WACKER-NEUSON	9503	M4 ●	40	D10	M4S-MACHINE	-	5171465	-
WACKER-NEUSON	ET90 EW100-2	M4 ●	40	D10	5104724	-	5133641	-
WACKER-NEUSON	ET145	M5 ●	53	D20			5077654	-
XCMG	XE18E XE15E	M0 ●	02	D5	5159441	-		
XCMG	XE20E	M0 ●	02	D5	MOS-MACHINE	-		
XCMG	XE35E XE35U	M1 ●	12	D5	5143914	-	HIS-MACHINE	-
XCMG	XE55E	M2 ●	23	D8	5158382	-	5158381	-
XCMG	XE80E	M4 ●	40	D15	5167536	-	5166188	-
XCMG	XE155ECR XE155GA	M5 ●	53	D20			5166223	-
YANMAR	SV08 B08	M0 ●	00	D5	5093499	-		
YANMAR	Vio10-2A Vio12-2A	M0	00	D5	5093426	-		
YANMAR	SV15VT SV17VT SV19VT	M0 ●	02	D5	5091379	-		
YANMAR	Vio17 Vio17U	M0	02	D5	5092017	-		
YANMAR	Vio23-6 Vio38-6	M1 ●	12	D5	5088130	-	5168538	-
YANMAR	SV26 Vio25-4 Vio26-6 Vio27-6 Vio33U Vio38U	M1 ●	13	D5	5088166	-	5166002	-
YANMAR	Vio50-6B Vio57-6B SV60-6B	M2 ●	23	D8	5092208	-	5092207	-
YANMAR	B75W B95W	M3 ●	32	D10	5093856	-	5112917	-
YANMAR	B7-6 VIO80-2PB SV86-7	M3 ●	32	D15	5089012	-	5103080	-
YANMAR	B110W	M4 ●	40	D15	5119173	-	5113481	-
YANMAR	SV100-7	M4 ●	40	D15	5093893	-	5115506	-
YANMAR	SV120	M4 ●	42	D15	5119173	-	5113481	-
YUCHAI	YC35-SR	M1 ●	12	D5	M1S-MACHINE	-	HIS-MACHINE	-

HYDRAULIC KIT

Complete hydraulic control kit for double-acting couplers

Mini-excavators and excavators with double-acting hydraulic couplers can be fitted with our hydraulic kit.

Kit part number

COUPLERS*	ITEM CODE	PRICE EXCL. VAT (€)
H1S, H2S,	5163582	-
H3S, H4S, H5S, H6S, H7S, H7S+	5105978	-

(*) CLASSIC, TILTING AND ROTATING COUPLERS
(Not suitable for tiltrotators)

(***) Some kit components are available individually,

Kit composition***

Cab control unit

- EN 474 compliant
- For window-mounting (bracket supplied)
- 12-24 V DC power supply (connection supplied)
- 12 V DC output on M12 connector and "HIRSHMAN" head supplied

2-way junction block for dipperstick

- Pmax = 400 bar
- Removable zinc-plated steel body and weld-on base
- 4 1/4" BSP locations per channel for all connection configurations

Double-acting hydraulic block

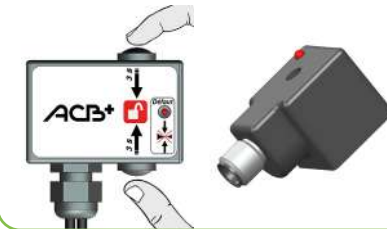
- Zinc-plated steel body
- Pmax = 400 bar
- 2 x 9 mm diameter mounting holes
- 1/4" BSP locations
- Supplied with 2 pressure control sockets
- Release pressure regulated at 280 bar (factory-set pressure)
- Locking pressure regulated at 45 bar (factory-set pressure)

Control coil

2-way junction block for dipperstick



Cab control unit



Double-acting hydraulic block



Control coil



CLASSIC COUPLERS **S+**



Efficient, simple and reliable reversible couplers for pin on attachment, available with a hydraulic locking system.



NEW

The advantages of the S+ hydraulic coupler with pin on attachment

- + First pin secured "as soon as possible"
- + Engaging shape to facilitate attachment
- + "Locking complete" indicator
- + Hydraulic locking without leaving the cab
- + Tool reversibility
- + Adherence to the original kinematics and manufacturer's load charts
- + Available as a Nordic S Standard and S+ system only



AVAILABLE IN A HYDRAULIC S+
VERSION ONLY

Specification

At the heart of this new range are **three patents** that embody ACB+'s commitment to excellence and safety. These innovations guarantee **that the first pin is secured "as soon as possible"**, ergonomic hooks make the insertion of tools easier thanks to an engaging shape, as well as **a clear and reliable indication of proper locking conditions**.

S+ couplers represent not only innovation, but also continue the performance and reliability associated with ACB+'s Morin Original system **by adhering strictly to the original kinematics and manufacturers' load charts while offering a simple and robust solution**.

Its design provides reversibility for all tools, thereby offering increased versatility on site.

Securing the first pin: S+ couplers are equipped with a dual locking system to ensure optimum safety. In accordance with standard EN474-1, the first lock **engages automatically as soon as the tool's first pin is inserted in the hooks**, thereby preventing any risk of tipping during the hitching operation. The second hydraulic lock is controlled by the operator when the second pin is in place.

Patented engaging shape: S+ couplers' hooks have an engaging shape **that provides a convenient angular tolerance, thereby making the tool hitching process easier** even when the hooks are unfavourably positioned in relation to the coupler.

"Locking complete" indicator: A single indicator on the coupler **confirms that the pins are in place and that the locks are correctly engaged**, thereby guaranteeing complete safety during hitching operations.

Hydraulic version: S+ couplers are available in a hydraulic version only.

Overpressure protection: The actuators integrated into S+ couplers are equipped with a safety valve and a pressure relief valve to prevent any issues during use, thus ensuring the system's durability and safety.

These features make S+ couplers a robust and secure solution offering industry professionals an advanced solution tailored to their most exacting requirements.



Classic coupler range **S+**

SIZE	TONNAGE	TOOL PIN DIAMETERS [mm]	TOOL CENTRE DISTANCE [mm]	HYDRAULIC VERSION
S+30/180	0,800 kg – 2t	30	200	S+30 scheduled for release in 2025
S+40/200	2t – 6.5t	40	300	S+40 scheduled for release in 2025
S+45	5t – 10t	45	430	S+45
S+50	6t – 11t	50	430	S+50
S+60	10t – 18t	60	480	S+60 scheduled for release in 2025
S+70	18t – 30t	70	600	S+70 scheduled for release in 2025

BUCKET OPTIONS

Custom logo in steel

Marking the bucket or tool to quickly identify it as belonging to your company and to use it as a means of communication.



ITEM CODE	PRICE EXCL. VAT (€)
Depending on the model	-

Numbered steel identifier plates

You can add an identifier of your choice to the product, and manage your buckets and tools using your own system.



ITEM CODE	PRICE EXCL. VAT (€)
Depending on the model	-

Self-adhesive stickers

Based on the shape (old or new) of unlocking keys, this sticker can be affixed to your machine to help you manage the coupling/unlocking key pairing.

VISUAL	MODULE	ITEM CODE	PRICE EXCL. VAT (€)
	Morin V1.0 MSO and V2.0 moulded couplers	1008984	-
	Morin V3.0 Evolution couplers (with pin)	1008943	-
	M0 V4.0 ISO couplers	1008452	-
	M1 V4.0 ISO couplers	1008848	-
	M2 V4.0 ISO couplers	1008451	-

BUCKET OPTIONS



Bucket reinforcement

Depending on the application, your tool can be reinforced as necessary by wear parts such as:

- Shields,
- Side cutters, plates, double-bottoms, corner protections, skids, etc.

Bucket blade options:

- Blade format: DELTA, semi-DELTA
- Shields, removable or welded
- Plane blade, counter-blades, etc.

Please contact us for more information.

Hooks

Elements to be welded onto existing earth-moving buckets to facilitate handling.

MODULE	ITEM CODE	PRICE EXCL. VAT (€)
0	5047903	
1 and 2	5059959	
3 and 4	5045419	
5 and 6	5019418	



POSSIBLE COUPLING SYSTEMS FOR TOOLS



All our tools are available for direct fitting on your vehicles, as well as on the majority of common quick couplers.

This comprehensive approach will enable ACB+ to be your one-stop supplier for fully equipping your machines.

To ensure an optimum quality quick coupler / tool connection, we favour the incorporation of original connection kits purchased from the system manufacturer.

If necessary, we may ask you to supply items for incorporation into our tools.⁽¹⁾

Here is a list of the main quick couplers for which our design department is able to design a tool.

COUPLING WITH PIN ON ATTACHMENT		DEDICATED COUPLING	DIRECT COUPLING - MANUFACTURER'S DIMENSIONS
S SYSTEM	OTHER SYSTEMS		
EASY LOCK	ARDEN UA	ARDEN QA	ALL MANUFACTURERS On examination: sealed bearings available for working under water.
ENGCON*	DROMONE	KLAC	
OILQUICK*	GEITH	LEHNOFF	
ROTOTILT*	LIEBHERR SW*	LEHNOFF SYMLOCK	
SMP	MARTIN*	MBI (CR or AR)	
STEELWRIST*	MILLER	MECALAC ACTIV LOCK	
	MBI	MECALAC M CONNECT ⁽¹⁾	
	VOLVO VAB	MORIN ORIGINAL	
	VTN	VERACHTERT CW	

*Optional hydraulic connectors possible

⁽¹⁾ Connection to be supplied to us

MODULE 0



Classic mechanical couplers 18 kg

Morin Original system coupler M0
for machines from 800kg to 2t
Couplers available on pages 18 to 30

Morin Original system tool summary - Module 0

Backhoes

Range 00	52
Range 01	53
Range 02	54

Banana buckets

58

Fixed ditch cleaning buckets

Range 00 and 01	59
Range 02	60

Tilt ditch cleaning buckets

61

Standard tools

62

Special tools

63

Bucket sets

65

Machines assigned to this module

BRAND	MACHINES	BUCKET RANGE	TINE CLASS
ACB+	REVERSIBLE KIT M0	-	-
AIRMAN	AX10u	01	D5
	AX17u	02	D5
AMMANN	AMX 12 AMX14	00	D5
	AMX 15SR AMX 18 AMX 18ZT AMX24-2	02	D5
BOBCAT	E08 E10 E10Z	00	D5
	E17 E17Z E19 E20 E20Z	02	D5
CASE	CX12D CX14D	00	D5
	CX17C/D CX18C/D CX19C/D CX20D CX22D	02	D5
CATERPILLAR	300.9D	01	D5
	301 (all models) 302CR-NG	02	D5
COLTRAX	CX10 CX12 [CX14	00	D5
	CX15 CX18 CX20	02	D5
DEVELON	DX10Z	00	D5
	DX17Z DX19	02	D5
EUROCOMACH	12ZT 14SR 15X	00	D5
	18ZT 19ZT 19TR 22SR	02	D5
HITACHI	ZX10U-6	01	D5
	ZX17U-6 ZX19U-6	02	D5
HYUNDAI	HX17A HX19A	02	D5
KATO IMER IHI	9VX3 9VXE HD09	01	D5
	12VX 12VXE HD12 17VXE 17VXT 17VX5 19VXT HD17	02	D5
JCB	8008 CTS 8010 CTS	01	D5
	16C-1 18Z 19C-1	02	D5
KATO IMER IHI	HD9VXE	01	D5

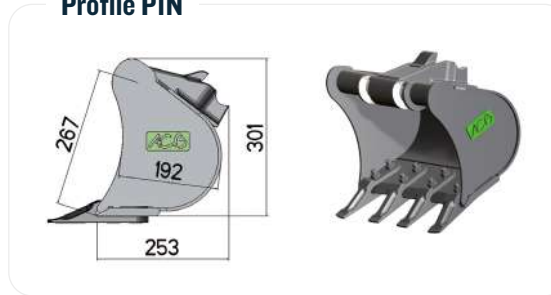
BRAND	MACHINES	BUCKET RANGE	TINE CLASS
KATO IMER IHI	HD12VXE HD17VXE	02	D5
KOBELCO	SK08 SK08-1E	00	D5
	SK10SR-2E SK16 SK18 SK17SR-3E	02	D5
KOMATSU	PC09-1	01	D5
	PC16R-3	02	D5
KUBOTA	K008-5 U10-5	01	D5
	KX016-4 KX019-4 U15-3N U17-3a R310	02	D5
LIUGONG	CLG9018F	02	D5
MESSERSI	M-13K M-16U M-18DS	02	D5
NEW-HOLLAND	E12D E14D E16B E18B E17D E18D E19D E20D	02	D5
SANY	SY16C SY18C SY18U	02	D5
SUNWARD	SWE08B SWE17/F SWE18UB/UF SWE20F/FED SWE20B	02	D5
TAKEUCHI	TB210R	01	D5
	TB216 TB217R	02	D5
TEREX	TC10Z	01	D5
	TC15 TC16 TC19 TC20	02	D5
VOLVO	EC15E EC18E ECR18E EC20E	02	D5
WACKER-NEUSON	803	01	D5
	1404 2003RD ET16 ET18 ET20 EZ17 EZ17E	02	D5
XCMG	XE18E XE15E XE20E	02	D5
YANMAR	SV08 B08 Vio10-2A Vio12-2A	00	D5
	SV15VT SV17VT SV19VT Vio17U	02	D5
YTO	SCOOP 19U	02	D5

BACKHOE RANGE 00

Morin Original system coupler MO
for machines from 800kg to 2t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Profile PIN



DE365 17-7 Thickness 15 mm



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
R00-200	200	9	17	33	-	2	5032229
R00-250	250	11	21	41	-	3	5031316
R00-300	300	14	22	47	-	3	5032230
R00-350	350	17	24	55	-	3	5050114
R00-400	400	20	27	63	-	4	5032231
R00-450	450	23	29	70	-	4	5031642
R00-500	500	26	31	78	-	4	5034076
R00-600	600	32	36	94	-	5	5031331

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg
Average number of teeth

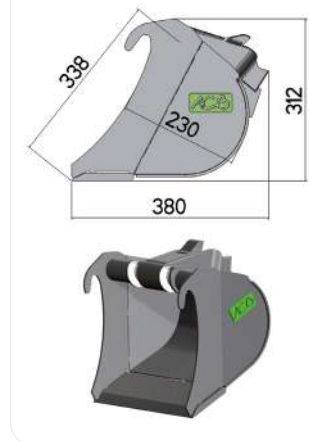
BACKHOE RANGE 01

Morin Original system coupler MO
for machines from 800kg to 2t
Couplers available on pages 18 to 30

Toothless bucket

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
R01-200	200	11	16	36	-	5022790
R01-250	250	14	19	44	-	5022796
R01-300	300	18	20	52	-	5022825
R01-350	350	21	22	60	-	5100713
R01-400	400	25	24	69	-	5045010
R01-450	450	29	27	79	-	5059201
R01-500	500	33	29	88	-	5054339

Profile PIN



Profile PIN



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R01-200	200	11	18	38	-	2	5032901	2	5100676	2	5100433
R01-250	250	14	22	47	-	3	5032853	2	5089201	3	5068313
R01-300	300	18	23	56	-	3	5034143	3	5100677	3	5085563
R01-350	350	21	26	64	-	3	5032854	3	5100678	3	5074217
R01-400	400	25	29	74	-	4	5034622	3	5089202	4	5068114
R01-450	450	29	31	83	-	4	5035686	4	5100683	4	5100707
R01-500	500	33	34	93	-	4	5035201	4	5100684	4	5070953

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth

DE365 17-7 Thickness 15 mm



FEURST FKMCE Thickness 15 mm



FEURST M15 Thickness 15 mm



BACKHOE RANGE 02

Morin Original system coupler MO
for machines from 800kg to 2t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Profile PIN



Toothless bucket

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
R02-200	200	15	22	49	-	5022366
R02-250	250	19	26	60	-	5022497
R02-300	300	24	28	71	-	5022361
R02-350	350	29	30	82	-	5022726
R02-400	400	34	33	94	-	5022739
R02-450	450	40	38	110	-	5022520
R02-500	500	45	40	121	-	5022744
R02-550	550	50	42	132	-	5022753
R02-600	600	55	46	145	-	5022760
R02-650	650	60	48	156	-	5022766
R02-700	700	66	51	170	-	5022583
R02-800	800	76	58	195	-	5093292

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

BACKHOE RANGE 02

Morin Original system coupler MO
for machines from 800kg to 2t
Couplers available on pages 18 to 30

Profile PIN



Bucket with teeth

REVERSIBLE BOLT-ON
COUNTER-BLADE
Thickness 20 mm



CATO 135-9390
Thickness 15 mm



COMBI MINI T29
Thickness 15 mm



DE365 17-7
Thickness 15 mm



ESCO V13SYL
Thickness 15 mm



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R02-200	200	15	25	52	-	RBCB	5100849	2	5057357	2	5039226	2	5024002	2	5024065
R02-250	250	19	30	64	-	RBCB	5100850	3	5059232	2	5037421	3	5024318	2	5024058
R02-300	300	24	34	77	-	RBCB	5079787	3	5055982	3	5042446	3	5024138	3	5023992
R02-350	350	29	38	90	-	RBCB	5100851	3	5100722	3	5100780	3	5036683	3	5026095
R02-400	400	34	42	103	-	RBCB	5049694	4	5058139	4	5043849	4	5024662	3	5024059
R02-450	450	40	46	118	-	RBCB	5074955	4	5067630	4	5037422	4	5024139	4	5024066
R02-500	500	45	51	132	-	RBCB	5035688	4	5059233	4	5040630	4	5024129	4	5023993
R02-550	550	50	54	144	-	RBCB	5100852	4	5100724	4	5044609	4	5100751	4	5028127
R02-600	600	55	59	158	-	RBCB	5037794	5	5055983	4	5037423	5	5032835	4	5024060
R02-650	650	60	62	170	-	RBCB	5028814	5	5100725	5	5100781	5	5100752	5	5038457
R02-700	700	66	66	185	-	RBCB	5100853	5	5100737	5	5100782	6	5022587	5	5031129
R02-800	800	76	75	212	-	RBCB	5100854	6	5100738	6	5100783	6	5051214	6	5040736

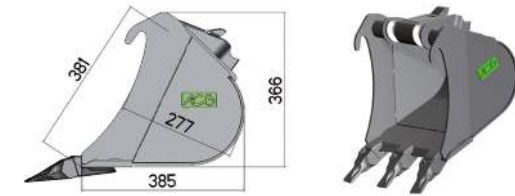
Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth | Stock item

BACKHOE RANGE 02

Morin Original system coupler MO
for machines from 800kg to 2t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Profile PIN



Bucket with teeth

FEURST 20C
Thickness 15 mm



FEURST FK1TLR
Thickness 15 mm



FEURST FKMCE
Thickness 15 mm



FEURST M15
Thickness 15 mm



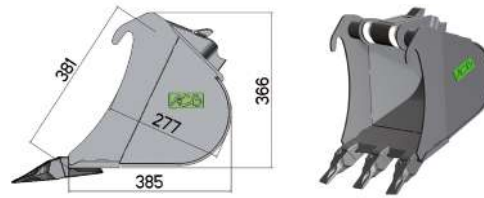
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R02-200	200	15	26	53	-	2	5030914	2	5039530	2	5051233	2	5073802
R02-250	250	19	32	66	-	2	5024475	2	5037896	3	5052668	3	5068314
R02-300	300	24	34	77	-	3	5028348	3	5037342	3	5045014	3	5073464
R02-350	350	29	37	89	-	3	5027867	3	5044933	3	5082114	3	5100712
R02-400	400	34	40	101	-	3	5029406	3	5037897	3	5080612	4	5068315
R02-450	450	40	45	117	-	3	5024476	3	5037341	4	5045013	4	5072464
R02-500	500	45	49	130	-	4	5033360	4	5039720	4	5064530	4	5070954
R02-550	550	50	51	141	-	4	5100715	4	5051749	4	5070728	4	5100708
R02-600	600	55	55	154	-	4	5025550	4	5038620	4	5067217	5	5100709
R02-650	650	60	57	165	-	4	5100716	4	5100756	4	5100686	5	5100710
R02-700	700	66	64	183	-	5	5100717	5	5100757	6	5082480	6	5100711
R02-800	800	76	69	206	-	5	5061036	5	5100758	5	5100687	6	M15

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth

BACKHOE RANGE 02

Morin Original system coupler MO
for machines from 800kg to 2t
Couplers available on pages 18 to 30

Profile PIN



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R02-200	200	15	25	52	-	2	5100766	2	5026536
R02-250	250	19	29	63	-	2	5082518	2	5024481
R02-300	300	24	33	76	-	3	5080872	3	5025135
R02-350	350	29	35	87	-	3	5085277	3	5029404
R02-400	400	34	38	99	-	3	5088247	3	5024723
R02-450	450	40	44	116	-	4	5080873	4	5025133
R02-500	500	45	47	128	-	4	5082143	4	5025738
R02-550	550	50	49	139	-	4	5100767	4	5036293
R02-600	600	55	53	152	-	4	5088249	4	5025136
R02-650	650	60	57	165	-	4	5100768	5	MG5L
R02-700	700	66	60	179	-	5	5100769	5	5084291
R02-800	800	76	68	205	-	6	5100770	6	5034333

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth

FUTURA FT130S

Thickness 15 mm



MTG MG5L

Thickness 15 mm

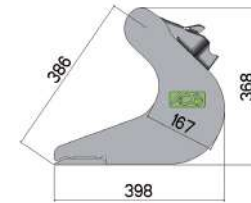


BANANA BUCKETS

Morin Original system coupler MO for machines from 800kg to 2t
Couplers available on pages 18 to 30

Thanks to its narrow width, the BANANA BUCKET is ideal for work requiring precision, such as small trenches or cable installation.

Profile 1



Profile 1

TOOTHLESS
Thickness 15 mm



DE365 17-7
Thickness 15 mm



ESCO V13SYL
Thickness 15 mm



FEURST FKITLR
Thickness 15 mm



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
02GL-1-200	200	11	21	41	-	5002452	-	2	5141040	-	2	5147005	-	2	5092410
02GL-1-250	250	13	25	48	-	5007442	-	3	5031030	-	2	5031025	-	2	5038369

Profile 2

TOOTHLESS
Thickness 15 mm

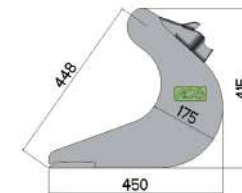


REVERSIBLE BOLT-ON COUNTER-BLADE
Thickness 15 mm



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
02GL-2-200	200	14	24	49	-	5002265	30	55	-	5129355
02GL-2-250	250	17	28	59	-	5005334	34	65	-	5079758

Profile 2



Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth

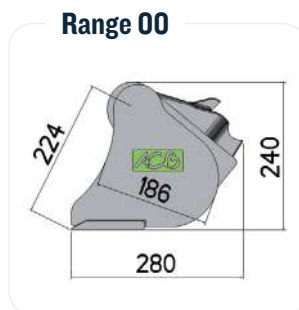
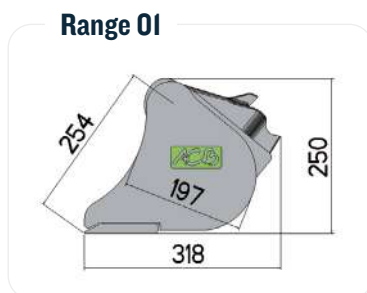
FIXED DITCH CLEANING BUCKETS RANGE 00 AND 01

Morin Original system coupler MO for machines from 800kg to 2t
Couplers available on pages 18 to 30

The DITCH CLEANING BUCKET can be used for finishing work such as ditch cleaning, embanking, levelling and much more.

Thickness = Blade thickness | (*) Weight variation of +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg |

Stock item ■



Range 00

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM00-600	600	23	26	67	-	5036341	39	80	-	5112516
CM00-750	750	30	30	84	-	5057030	43	97	-	RBCB
CM00-800	800	31	32	88	-	5066219	45	101	-	5100081
CM00-1000	1000	39	39	109	-	5060717	52	122	-	5125583



Range 01

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM01-600	600	27	27	76	-	5002698	40	89	-	5063917
CM01-700	700	33	29	88	-	5023653	42	103	-	5115795
CM01-800	800	37	33	100	-	5002663	46	116	-	5042573
CM01-1000	1000	47	40	125	-	5002699	60	145	-	5050751



FIXED DITCH CLEANING BUCKETS RANGE 02

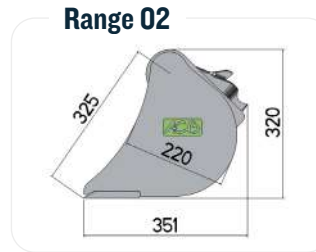
Morin Original system coupler MO
for machines from 800kg to 2t
Couplers available on pages 18 to 30

The DITCH CLEANING BUCKET can be used
for finishing work such as ditch cleaning,
embanking, levelling and much more.

Thickness = Blade thickness | (*) Weight variation of +/- 2%
depending on equipment | Total weight = (ISO capacity in l x
Density 1.8) + Bucket weight in kg |

Stock item ■

Range 02 - Ditch cleaning buckets



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM0-600	600	43	35	112	-	5043152	47	124	-	5131783
CM0-700	700	51	39	131	-	5037917	53	145	-	RBCB
CM0-800	800	58	42	146	-	5001377	60	164	-	5061018
CM0-850	850	62	46	158	-	5001378	63	175	-	5138991
CM0-1000	1000	74	51	184	-	5001380	72	205	-	5013046
CM0-1100	1100	81	55	201	-	5017294	78	224	-	5124010
CM0-1200	1200	89	60	220	-	5001381	84	244	-	5045463

TILT DITCH CLEANING BUCKETS

Morin Original system coupler M0 for machines from 800kg to 2t
Couplers available on pages 18 to 30

The TILT DITCH CLEANING BUCKET can be used for finishing work such as ditch cleaning, embanking, levelling and much more. The tilting version is stable on the ground and remains upright to facilitate the next attachment.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Stock item

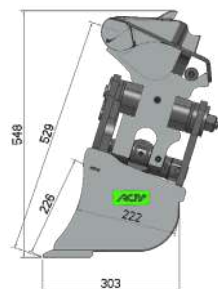
Retaining kit

Optional retaining kits are available to compensate for hydraulic leaks and keep the tilt ditch cleaning bucket in the desired position.

MODULE	ITEM CODE	PRICE EXCL. VAT (€)
M0	5086889	-

Range 00 and 01 - Tilt ditch cleaning buckets Profile OIPO (2 x 45° - 1 Cylinder)

Range 02 - Profile OIPI



SMOOTH BLADE

Thickness 15 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

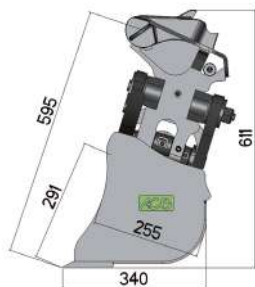
Thickness 20 mm



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
OIPO-1000	1000	47	80	165	-	5168374	101	186	-	RBCB

Range 02 - Tilt ditch cleaning buckets Profile OIPI (2 x 45° - 1 Cylinder)

Range 02 - Profile OIPI



SMOOTH BLADE

Thickness 15 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
OIPI-1000	1000	74	106	239	-	5087491	127	260	-	5100187

STANDARD TOOLS

Morin Original system coupler MO
for machines from 800kg to 2t
Couplers available on pages 18 to 30

As a bucket isn't always enough, a range of tools is available to meet all your needs. For more information, please refer to the attached product specification sheets or contact us

(*) Weight variation of +/- 2% depending on equipment |
Stock item ■

Trapezoidal bucket with 65° angles

Bucket for creating profiled ditches

Dimensions:

- Large base (GB) = 760 mm
- Beam height (HSP) = 450 mm
- Small base (PB) = 200 mm
- Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
TMP-MO	70	-

Suspension link

Tool for single-axis articulation of products already fitted with a suspension system

Diameter 40 mm x Width 90 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5007985	17	-

Universal joint

Tool for articulating, along two axes, a gripper, a grapple, an auger, etc.

PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
UNIVERSAL JOINT-MO	Depending on equipment	-



Ripper tooth

Ripper tooth for work on rocky terrain
R = 610 40 mm 1 tooth ESCO 18TL



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5028133	25	-

Pin-on adapter

Tool for pinning your hydraulic equipment using two pins



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
PIN-ON ADAPTER-MO	Depending on size	-

Bolt-on adapter

Tool for bolting on hydraulic equipment



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
BOLT-ON ADAPTER-MO	Depending on equipment	-

ITEM CODE	BRANDS
5002213	BOBCAT: HB580 HB380 B300 DOOSAN: DA120 MONTABERT: 95/95HD 85/85HD 30/50/70 SC8 SC12 NEUSON: NE8 NE12
5038484	EPIROC: SB102 SB100-MK2 HC150 ATLASCOPCO: HC103 KUBOTA: KM105
5045065	EPIROC: SB55 SB52 MG100 KUBOTA: KM55

SPECIAL TOOLS

Morin Original system coupler MO
Version V4.0 for machines from 800kg to 2t
Couplers available on pages 18 to 30

Non-exhaustive list. Please contact us for more information.

Some situations require special dimensions or configurations. That's why ACB+ is at your disposal for any specific requests. Our SPECIAL TOOLS are made to measure. So you have a choice of teeth, pitch, width, etc. Here are just a few examples.

(*) Weight variation of +/- 2% depending on equipment

Grid backhoe

Tool for sieving rubble and pebbles.
Grid backhoe Range 02 - 600 mm
5 teeth ESCO V13SYL - Pitch 60 x 60 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5058256	55	-

Cemetery bucket

Wide-opening bucket to optimise vertical digging close to the machine
Cemetery Bucket Range 02 - 400 mm
4 teeth FEURST M15 - 0.028m3 - Pitch 100 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5068967	35	-

Grid ditch cleaning bucket

Tool for small jobs sorting materials on the ground over a broad strip.
Grid ditch cleaning bucket Range 02 - 1,000 mm
Pitch 50 x 120 mm - Profile without blade or sidewall



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5090171	50	-

Tool for sorting loose materials containing pebbles
Grid ditch cleaning bucket 960 mm
Pitch 80 x 100 mm - 8 Teeth MTG MG5V
Scalloped blade



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5094195	82	-

SPECIAL TOOLS

Morin Original system coupler MO
for machines from 800kg to 2t
Couplers available on pages 18 to 30

(*) Weight variation of +/- 2 % depending on equipment | Average number of teeth

Rake

A tool for small-scale landscape finishing work, such as grading and sorting materials on the ground, etc. 1200 mm rake - Pitch 60 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5082814	50	-

Stump grinder tooth

Tool for levelling (cutting) stumps and completing stump removal
Stump grinder -
R = 500 - 40 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5100826	32	-

Front and rear rake

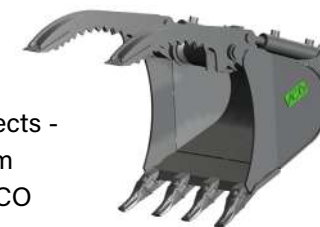
Tool for small forestry jobs to create swaths by pulling and pushing Front and Rear Rake 550 mm 6 Claws - Pitch 73 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5093763	86	-

Claw backhoe

Tool for gripping and manipulating objects -
Claw backhoe 500 mm
0.045m³ - 4 Teeth ESCO
V13SYL



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5104195	76	-

BUCKET SETS - EXPRESS OPTION

DELIVERED WITHIN 5 WORKING DAYS

Morin Original system coupler MO | for machines from 800kg to 2t | Couplers available on pages 18 to 30

To save time and increase convenience, ACB+ stocks palletised bucket sets. These consist of two earthmoving buckets and one ditch cleaning bucket selected from the most popular sizes.

(*) Weight variation of +/- 2% depending on equipment

(**) Depending on availability | Stock item ■

Bucket set range 01



Bucket set range 01



ITEM CODE	CONTAINER	DESIGNATION	TEETH	WEIGHT (kg)*	PRICE EXCL. VAT (€)	BUCKET SET + COUPLER MOS**
5073717	5032901	1 BACKHOE Range 01 - Width 200 mm	DE365 17-7	104	-	-
	5034622	1 BACKHOE Range 01 - Width 400 mm				
	5002663	1 DITCH CLEANING BUCKET Range 01 - Width 800 mm				

Narrow bucket set Range 02



Narrow bucket set Range 02



ITEM CODE	CONTAINER	DESIGNATION	TEETH	WEIGHT (kg)*	PRICE EXCL. VAT (€)	BUCKET SET + COUPLER MOS**
5073718	5024058	1 backhoe Range 02 - Width 250 mm	ESCO V13SYL	149	-	-
	5024066	1 backhoe Range 02 - Width 450 mm				
	5001380	1 DITCH CLEANING BUCKET Range 02 - Width 1,000 mm				

BUCKET SETS - EXPRESS OPTION

DELIVERED WITHIN 5 WORKING DAYS

Morin Original system coupler MO | for machines from 800kg to 2t | Couplers available on pages 18 to 30

Wide bucket set range 02



Wide bucket set range 02



ITEM CODE	CONTAINER	DESIGNATION	TEETH	WEIGHT (kg)*	PRICE EXCL. VAT (€)	BUCKET SET + COUPLER MOS**
5073719	5023992 5023993 5001380	1 backhoe Range 02 - Width 300 mm 1 backhoe Range 02 - Width 500 mm 1 DITCH CLEANING BUCKET Range 02 - Width 1,000 mm	ESCO V13SYL	155	-	-

(*) Weight variation of +/- 2% depending on equipment

(**) Depending on availability | Stock item ■

MODULE 1



Classic mechanical couplers 35 kg



Classic hydraulic couplers 44 kg

Morin Original system coupler M1
for machines from 2t to 3.5t
Couplers available on pages 18 to 30

Morin Original system tool summary - Module 1

Backhoes	68
Range 12	68
Range 13	71
Banana buckets	75
Fixed ditch cleaning buckets	77
Tilt ditch cleaning buckets	79
Standard tools	80
Special tools	81
Bucket sets	83

Hydraulic kit for powering and controlling hydraulic coupler 5163582. **More information on page 43.**

Machines assigned to this module

BRAND	MACHINES	BUCKET RANGE	TINE CLASS
ACB+	REVERSIBLE KIT M1	-	-
AIRMAN	AX27U-5F	13	D5
AMMANN	AMX 22SR AMX24 AMX 25ZT AMX28 AMX 28ZT AMX 35ZT	12	D5
BOBCAT	E25 E26 E27 E27Z E32 E34 E35 E35Z E37	12	D5
CASE	CX28D CX35D	12	D5
	CX26C CX30C CX37C	13	D5
CATERPILLAR	302.2D 302.4D 302.5C 302.7 302.7D 302.7NG	12	D5
	303 (all models) 304E2-CR	13	D5
COLTRAX	CX22 CX25 CX28 CX35	12	D5
DEVELON	DX27Z DX27Z-7 DX35Z-7	12	D5
	DX30 DX35	13	D5
EUROCOMACH	25ZT 28ZT 35ZT	12	D5
EUROMACH	1500 R25	12	D5
	2500 MOBILE	13	D5
HIDROMEK	HMK62T HMK62SS	13	D5
HITACHI	ZX26U-6 ZX33U-6 ZX38U-6	13	D5
HYUNDAI	R25Z-9 R30Z-9A R35Z-9	13	D5
JCB	2CX 3CX COMPACT 26C-1 25Z-1	12	D5
	35Z-1 36C-1	13	D5
KATO IMER IHI	HD27V5 HD33V5	12	D5
	HD37V5	13	D5
KOBELCO	SK25SR-6/E SK26-1E SK26SR-6/7 SK28SR-7 SK34SR-7 SK39SR-7	13	D5
KOMATSU	PC22MR-3 PC24MR-5 PC26MR-5	12	D5

BRAND	MACHINES	BUCKET RANGE	TINE CLASS
KUBOTA	KX027-4 U27-4 KX030-4 KX71-3 U20-3	12	D5
	KX037-4 U36-4	13	D5
LIUGONG	CLG9027F ZTS	12	D5
	CLG9035E ZTS	13	D5
MENZI-MUCK	A20	12	D5
MESSERSI	M22U M25 M-28U M-28K M-35K M-38U	12	D5
NEW-HOLLAND	E26BSR E28D E35D	12	D5
	E26C E27-2SR E29BSR E35SR/BSR E39BSR E37C	13	D5
SANY	SY26U SY35U	13	D5
SUNWARD	SWE25UF	12	D5
	SWE35UF	13	D5
TAKEUCHI	TB225 TB230 TB325R	12	D5
	TB235-2 TB240 TB335R	13	D5
TEREX	TC25 TC29	12	D5
VENIERI	1.33B	12	D5
VOLVO	EC27D ECR25D	12	D5
WACKER-NEUSON	2404 2503 ET24 EZ26	12	D5
	ET35 EZ36 EZ38	13	D5
XCMG	XE35E XE35U	12	D5
YANMAR	Vio23-6 Vio38-6	12	D5
	SV26 Vio25-4 Vio26-6 Vio27-6 Vio33U Vio38U	13	D5
YUCHAI	YC35-SR	13	D5

BACKHOE RANGE 12

Morin Original system coupler MI
for machines from 2t to 3.5t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Profile PIN



Toothless bucket

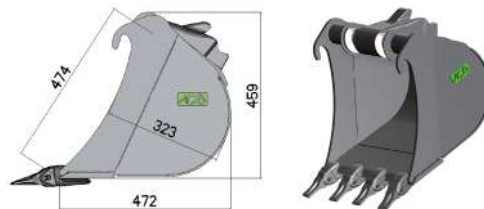
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
R12-260	260	30	38	92	-	5019969
R12-300	300	36	42	107	-	5020072
R12-350	350	44	44	123	-	5020103
R12-400	400	52	50	144	-	5020107
R12-450	450	61	54	164	-	5020116
R12-500	500	70	58	184	-	5020121
R12-550	550	78	62	202	-	5020132
R12-600	600	86	65	220	-	5019904
R12-650	650	95	70	241	-	5020144
R12-700	700	103	74	259	-	5020155
R12-750	750	112	77	279	-	5020161
R12-800	800	120	89	305	-	5020169

(* Weight variation of +/- 2 % depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

BACKHOE RANGE 12

Morin Original system coupler MI
for machines from 2t to 3.5t
Couplers available on pages 18 to 30

Profile PIN



Bucket with RBCB or teeth

**REVERSIBLE BOLT-ON
COUNTER-BLADE**
Thickness 20 mm



CATO 135-9390
Thickness 15 mm



COMBI MINI T29
Thickness 15 mm



DE365 17-7
Thickness 15 mm



ESCO V13SYL
Thickness 15 mm



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R12-260	260	30	44	98	-	RBCB	5068620	3	5029765	3	5043895	3	5020835	3	5020715
R12-300	300	36	48	113	-	RBCB	5035689	3	5027102	3	5037418	3	5020805	3	5020729
R12-350	350	44	52	131	-	RBCB	5100827	3	5060530	3	5044608	3	5021452	3	5020731
R12-400	400	52	59	153	-	RBCB	5031485	4	5027346	3	5040301	4	5020878	3	5020734
R12-450	450	61	64	174	-	RBCB	5049451	4	5027103	4	5038871	4	5020812	4	5020735
R12-500	500	70	68	194	-	RBCB	5028981	4	5031811	4	5037416	4	5020808	4	5020739
R12-550	550	78	74	214	-	RBCB	5100830	4	5100739	4	5100785	4	5022345	4	5020742
R12-600	600	86	79	234	-	RBCB	5100831	5	5027347	4	5037912	5	5020830	4	5020743
R12-650	650	95	84	255	-	RBCB	5100832	5	5100740	5	5048431	5	5022880	5	5020754
R12-700	700	103	88	273	-	RBCB	5085849	5	5040737	5	5038872	6	5020908	5	5020756
R12-750	750	112	94	296	-	RBCB	5100833	6	5100741	6	5100784	5	5100755	6	5020762
R12-800	800	120	106	322	-	RBCB	5100835	6	5059605	6	5045395	6	5022646	6	5020763

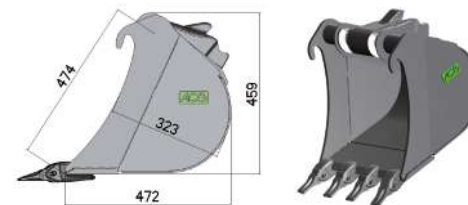
Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Stock item

BACKHOE RANGE 12

Morin Original system coupler MI
for machines from 2t to 3.5t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Profile PIN



Bucket with teeth

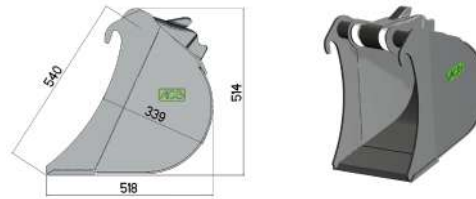
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	FEURST 20C Thickness 15 mm		FEURST FKITLR Thickness 15 mm		FUTURA FT130S Thickness 15 mm		MTG MG5L Thickness 15 mm		VOLVO 5GPC Thickness 15 mm	
						NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R12-260	260	30	47	101	-	3	5021347	3	5038048	2	5086293	3	5021395	3	5100804
R12-300	300	36	50	115	-	3	5021435	3	5037545	3	5075800	3	5020967	3	5100805
R12-350	350	44	57	136	-	3	5100718	3	5037610	3	5100771	3	5025813	3	5100806
R12-400	400	52	58	152	-	3	5022181	3	5042335	3	5088250	3	5025933	3	5100807
R12-450	450	61	62	172	-	3	5022285	3	5037546	4	5075801	4	5021198	3	5100809
R12-500	500	70	69	195	-	4	5021436	4	5037795	4	5077894	4	5021893	4	5100810
R12-550	550	78	73	213	-	4	5100720	4	5071820	4	5100772	4	5028097	4	5100811
R12-600	600	86	77	232	-	4	5021437	4	5037611	4	5085152	4	5020968	4	5100812
R12-650	650	95	81	252	-	4	5024962	4	5044859	5	5100773	5	5026408	4	5100813
R12-700	700	103	88	273	-	5	5023593	5	5041402	5	5085423	5	5021128	5	5100814
R12-750	750	112	92	294	-	5	5060123	5	5100759	5	5100774	5	5037062	5	5100816
R12-800	800	120	103	319	-	5	5035574	5	5042336	6	5100775	6	5024274	5	5100817

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

BACKHOE RANGE 13

Morin Original system coupler MI
for machines from 2t to 3.5t
Couplers available on pages 18 to 30

Profile PIN



Toothless bucket

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
R13-260	260	42	42	118	-	5020495
R13-300	300	44	45	124	-	5020481
R13-350	350	54	48	145	-	5020472
R13-400	400	65	55	172	-	5020468
R13-450	450	75	59	194	-	5020460
R13-500	500	86	63	218	-	5020457
R13-550	550	96	68	241	-	5020451
R13-600	600	107	71	264	-	5019981
R13-650	650	118	76	288	-	5020408
R13-700	700	128	81	311	-	5020415
R13-750	750	139	84	334	-	5020422
R13-800	800	150	97	367	-	5020429

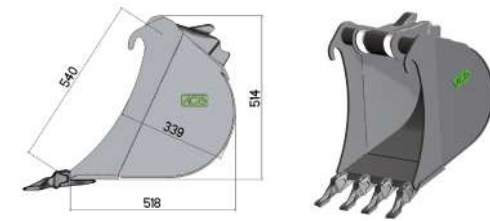
(* Weight variation of +/- 2 % depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

BACKHOE RANGE I3

Morin Original system coupler MI
for machines from 2t to 3.5t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Profile PIN



Bucket with RBCB or teeth

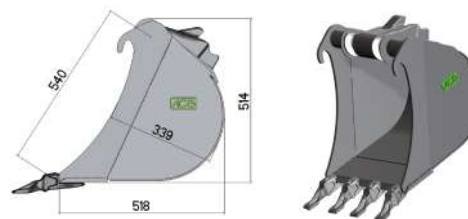
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	REVERSIBLE BOLT-ON COUNTER-BLADE Thickness 20 mm		CATO 135-9390 Thickness 15 mm		COMBI MINI T29 Thickness 15 mm		DE365 17-7 Thickness 15 mm	
						NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R13-260	260	42	47	123	-	RBCB	5032964	3	5043486	3	5042342	3	5022100
R13-300	300	44	51	130	-	RBCB	5027593	3	5035071	3	5037419	3	5021995
R13-350	350	54	57	154	-	RBCB	5100836	3	5037909	3	5044426	3	5023481
R13-400	400	65	63	180	-	RBCB	5084292	4	5043487	3	5044541	4	5022433
R13-450	450	75	69	204	-	RBCB	5043547	4	5035072	4	5041141	4	5021996
R13-500	500	86	73	228	-	RBCB	5072654	4	5037910	4	5037628	4	5022694
R13-550	550	96	79	252	-	RBCB	5100837	4	5100747	4	5078061	4	5025325
R13-600	600	107	85	278	-	RBCB	5072057	5	5038400	4	5042470	5	5022103
R13-650	650	118	90	302	-	RBCB	5100838	5	5062670	5	5058148	5	5031385
R13-700	700	128	96	326	-	RBCB	5100839	5	5035073	5	5041155	6	5022627
R13-750	750	139	101	351	-	RBCB	5100842	6	5100748	6	5067563	6	5022252
R13-800	800	150	113	383	-	RBCB	5067504	6	5057098	5	5037420	6	5022434

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

BACKHOE RANGE 13

Morin Original system coupler MI
for machines from 2t to 3.5t
Couplers available on pages 18 to 30

Profile PIN



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R13-260	260	42	50	126	-	3	5020765	2	5022695	3	5043840	3	5070947
R13-300	300	44	53	132	-	3	5021997	3	5022105	3	5041321	3	5080988
R13-350	350	54	58	155	-	3	5023361	3	5038115	3	5039122	3	5070948
R13-400	400	65	63	180	-	3	5022786	3	5022221	3	5041563	4	5070949
R13-450	450	75	68	203	-	4	5022311	3	5023184	3	5041322	4	5100858
R13-500	500	86	74	229	-	4	5021998	4	5022312	4	5045630	4	5070950
R13-550	550	96	79	252	-	4	5023359	4	5024422	4	5028200	4	5076039
R13-600	600	107	82	275	-	4	5022053	4	5022106	4	5039123	5	5070952
R13-650	650	118	87	299	-	5	5023360	4	5029386	4	5064510	5	5100859
R13-700	700	128	95	325	-	5	5022220	5	5022313	5	5042466	6	5100860
R13-750	750	139	99	349	-	6	5022424	5	5100721	5	5100760	6	5100861
R13-800	800	150	111	381	-	6	5022219	5	5029393	5	5045631	6	5100862

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Stock item

ESCO V13SYL
Thickness 15 mm



FEURST 20C
Thickness 15 mm



FEURST FKITLR
Thickness 15 mm



FEURST M15
Thickness 15 mm

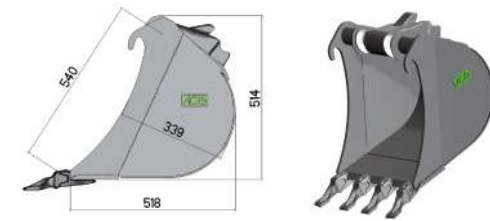


BACKHOE RANGE I3

Morin Original system coupler MI
for machines from 2t to 3.5t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Profile PIN



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	FUTURA FT130S Thickness 15 mm		MTG MG5L Thickness 15 mm		VOLVO 5GPC Thickness 15 mm	
						NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R13-260	260	42	49	125	-	3	5081713	3	5025324	3	5100818
R13-300	300	44	51	130	-	3	5081787	3	5021894	3	5064531
R13-350	350	54	56	153	-	3	5100776	3	5025812	3	5100819
R13-400	400	65	62	179	-	3	5084429	3	5023402	3	5076211
R13-450	450	75	68	203	-	4	5081715	4	5024305	3	5100820
R13-500	500	86	73	228	-	4	5086286	4	5021895	4	5100330
R13-550	550	96	76	249	-	4	5100777	4	5028201	4	5100821
R13-600	600	107	80	273	-	4	5081794	4	5022964	4	5100822
R13-650	650	118	85	297	-	4	5100778	5	5030908	4	5100823
R13-700	700	128	92	322	-	5	5090953	5	5021896	5	5100824
R13-750	750	139	96	346	-	5	5100779	6	5037353	5	5100825
R13-800	800	150	111	381	-	6	5082112	6	5024302	5	5064532

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

BANANA BUCKETS

Morin Original system coupler M1
for machines from 2t to 3.5t
Couplers available on pages 18 to 30

Thanks to its narrow width, the BANANA BUCKET is ideal for work requiring precision, such as small trenches or cable installation.

Profile 1



TOOTHLESS

Thickness 15 mm



ESCO V13SYL

Thickness 15 mm



FEURST FKITLR

Thickness 15 mm



Profile 1

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
1GL-1-200	200	13	41	64	-	5004087	-	2	5030616	-	2	5038397
1GL-1-250	250	17	45	76	-	5019212	-	2	5055622	-	2	5091217

TOOTHLESS

Thickness 15 mm

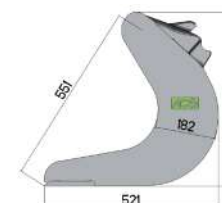


REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 15 mm



Profile 2



Profile 2

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
1GL-2-200	200	20	50	86	-	5052333	55	91	-	5120982
1GL-2-260	260	26	42	89	-	5002388	48	95	-	5007321
1GL-2-300	300	32	46	82	-	5003720	55	91	-	5130281

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth | Stock item

BANANA BUCKETS

Morin Original system coupler MI
for machines from 2t to 3.5t
Couplers available on pages 18 to 30

Thanks to its narrow width, the BANANA BUCKET is ideal for work requiring precision, such as small trenches or cable installation.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth | Stock item ■

Profile 3



TOOTHLESS
Thickness 15 mm



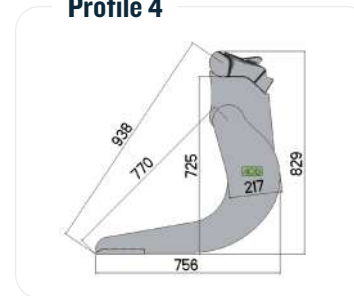
ESCO V13SYL
Thickness 15 mm



Profile 3

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
1GL-3-260	260	21	38	76	-	5002391	-	3	5145521
1GL-3-300	300	25	42	87	-	5003933	-	3	5031380

Profile 4



TOOTHLESS
Thickness 15 mm



ESCO V13SYL
Thickness 15 mm



Profile 4

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
1GL-4-200	200	28	68	118	-	5037159	-	3	V13SYL

FIXED DITCH CLEANING BUCKETS

Morin Original system coupler MI for machines from 2t to 3.5t
Couplers available on pages 18 to 30

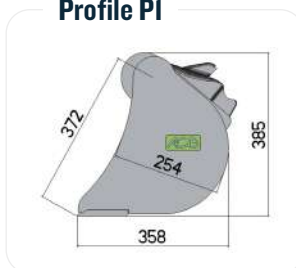
The DITCH CLEANING BUCKET can be used for finishing work such as ditch cleaning, embanking, levelling and much more.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + bucket weight in kg | Stock item ■

Profile P2



Profile P1



SMOOTH BLADE

Thickness 15 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



Profile P1

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM1-1000	1000	99	70	248	-	5001384	90	268	-	5017012
CM1-1200	1200	121	79	297	-	5001386	105	323	-	5004321
CM1-1300	1300	131	84	320	-	5001387	112	348	-	5034728
CM1-1400	1400	141	89	343	-	5001388	119	373	-	5028316
CM1-1500	1500	152	94	368	-	5001389	125	399	-	5082900

SMOOTH BLADE

Thickness 15 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



Profile P2

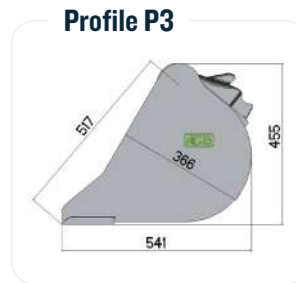
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM1-1000-P2	1000	141	87	341	-	5004489	109	363	-	5057582
CM1-1200-P2	1200	170	100	406	-	5001907	125	431	-	5035224
CM1-1300-P2	1300	186	106	441	-	5002475	134	469	-	5126559
CM1-1400-P2	1400	201	112	474	-	5002374	142	504	-	5067627
CM1-1500-P2	1500	216	118	507	-	5004791	163	552	-	5117259

FIXED DITCH CLEANING BUCKETS

Morin Original system coupler M1
for machines from 2t to 3.5t
Couplers available on pages 18 to 30

The DITCH CLEANING BUCKET can be used for finishing work such as ditch cleaning, embanking, levelling and much more.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Stock item ■



Profile P3

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM1-1000-P3	1000	170	97	403	-	5055439	127	433	-	5025336
CM1-1200-P3	1200	211	110	490	-	5004198	135	515	-	5059600
CM1-1400-P3	1400	248	124	570	-	5010759	153	599	-	5055803

SMOOTH BLADE

Thickness 15 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm

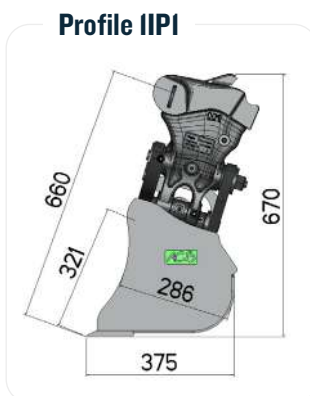


TILT DITCH CLEANING BUCKETS

Morin Original system coupler M1 for machines from 2t to 3.5t
Couplers available on pages 18 to 30

The TILT DITCH CLEANING BUCKET can be used for finishing work such as ditch cleaning, embanking, levelling and much more. The tilting version is stable on the ground and remains upright to facilitate the next attachment.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Stock item ■



Profile IIP1

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
1IIP1-1200	1200	111	131	331	-	5086873	156	356	-	5090757

SMOOTH BLADE

Thickness 15 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



Retaining kit

Optional retaining kits are available to compensate for hydraulic leaks and keep the tilt ditch cleaning bucket in the desired position.

MODULE	ITEM CODE	PRICE EXCL. VAT (€)
M1	5086889	-

STANDARD TOOLS

Morin Original system coupler M1 for machines from 2t to 3.5t
Couplers available on pages 18 to 30

As a bucket isn't always enough, a range of TOOLS is available to meet all your needs. For more information, please refer to the attached product specification sheets or contact us.

(*) Weight variation of +/- 2% depending on equipment | Stock item ■

Trapezoidal bucket with 65° angles

Bucket for creating profiled ditches

Dimensions:

- Large base (GB) = 760 mm
- Beam height (HSP) = 450 mm
- Small base (PB) = 200 mm
- Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
TMP001-M1	71	-

Suspension link

Tool for single-axis articulation of products already fitted with a suspension system

Diameter 40 mm x Width 90 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5001834	26	-

Universal joint

Tool for articulating, along two axes, a gripper, a grapple, an auger, etc.

PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
UNIVERSAL JOINT-M1	Depending on equipment	-



Ripper tooth

Ripper tooth for work on rocky terrain

R = 758 60 mm 1 tooth ESCO U20P



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5063285	50	-

Pin-on adapter

Tool for pinning your hydraulic equipment using two pins



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
BERCEAU-M1	Depending on size	-

Bolt-on adapter

Tool for bolting on hydraulic equipment



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
BOLT-ON ADAPTER-M1	Depending on equipment	-

ITEM CODE	BRANDS
5002007	BOBCAT: HB580 HB380 B300 DOOSAN: DA120 MONTABERT: 95/95HD 85/85HD 30/50/70 SC8 SC12 NEUSON: NE8 NE12
5035996	EPIROC: SB152 SB150-MK2 MG200 MG 300 CC350 JCB: HM166Q HM012T KUBOTA: KM155

SPECIAL TOOLS

Morin Original system coupler MI for machines from 2t to 3.5t
Couplers available on pages 18 to 30

Non-exhaustive list. Please contact us for more information.

Some situations require special dimensions or configurations. That's why ACB+ is at your disposal for any specific requests. Our SPECIAL TOOLS are made to measure. So you have a choice of teeth, pitch, width, etc. Here are just a few examples.

(*) Weight variation of +/- 2% depending on equipment

Grid backhoe

Tool for sieving rubble and pebbles.
Grid backhoe Range 12 - 600 mm
4 teeth ESCO V13SYL - Pitch 70 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5058569	82	-

Cemetery bucket

Wide-opening bucket to optimise vertical digging close to the machine
Cemetery Bucket Range 12 - 400 mm - 0.047m3
3 teeth MTG MG5L



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5075373	64	-

Grid ditch cleaning bucket

Tool for small jobs sorting materials on the ground over a broad strip.
Grid ditch cleaning bucket 1,000 mm
Pitch 70 x 140 mm - Bladeless profile



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5090226	88	-

Tool for sorting loose materials containing pebbles
Grid ditch cleaning bucket 1,200 mm
Pitch 120 x 100 mm - 8 Teeth MTG MG5V
Scalloped blade



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5081389	113	-

SPECIAL TOOLS

Morin Original system coupler MI
for machines from 2t to 3.5t
Couplers available on pages 18 to 30

Universal grading bucket

Finishing tool for rotating couplers and tiltrotators
Universal grading bucket 1000 mm
0.102m³ - Profile 1UP1



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5154231	93	-

Rake

A tool for small-scale landscape finishing work, such as grading and sorting materials on the ground, etc. 1200 mm rake - Pitch 60 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5076229	83	-

Stump grinder tooth

Tool for levelling (cutting) stumps and completing stump removal
Stump grinder -
R = 593 mm - 50 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5159116	46	-

Front and rear rake

Tool for small forestry jobs to create swaths by pulling and pushing
Front and Rear Rake
1,000 mm 9 Claws - Pitch 100 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5089072	151	-

Claw backhoe

Tool for gripping and manipulating objects -
Claw backhoe 700 mm
0.128m³ - 5 Teeth ESCO
V13SYL



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5079514	162	-

(*) Weight variation of +/- 2% depending on equipment

BUCKET SETS - EXPRESS OPTION

DELIVERED WITHIN 5 WORKING DAYS

Morin Original system coupler MI | for machines from 2t to 3.5t | Couplers available on pages 18 to 30

To save time and increase convenience, ACB+ stocks palletised bucket sets. These consist of two earthmoving buckets and one ditch cleaning bucket selected from the most popular sizes.

(*) Weight variation of +/- 2% depending on equipment

(**) Depending on availability | Stock item ■

Narrow bucket set range I2



Narrow bucket set range I2



ITEM CODE	CONTAINER	DESIGNATION	TEETH	WEIGHT (kg)*	PRICE EXCL. VAT (€)	BUCKET SET + COUPLER MI5**
5070757	5020729	1 backhoe Range 12 - Width 300 mm	ESCO V13SYL	207	-	-
	5020739	1 backhoe Range 12 - Width 500 mm				
	5001384	1 ditch cleaning bucket Profile P1 - Width 1,000 mm				

Wide bucket set range I2



Wide bucket set range I2



ITEM CODE	CONTAINER	DESIGNATION	TEETH	WEIGHT (kg)*	PRICE EXCL. VAT (€)	BUCKET SET + COUPLER MI5**
5082289	5020729	1 backhoe Range 12 - Width 300 mm	ESCO V13SYL	216	-	-
	5020739	1 backhoe Range 12 - Width 500 mm				
	5001386	1 ditch cleaning bucket Profile P1 - Width 1,200 mm				

BUCKET SETS - EXPRESS OPTION

DELIVERED WITHIN 5 WORKING DAYS

Morin Original system coupler MI | for machines from 2t to 3.5t | Couplers available on pages 18 to 30

To save time and increase convenience, ACB+ stocks palletised bucket sets. These consist of two earthmoving buckets and one ditch cleaning bucket selected from the most popular sizes.

(*) Weight variation of +/- 2% depending on equipment

(**) Depending on availability | Stock item ■

Bucket set range I3



Bucket set range I3



ITEM CODE	CONTAINER	DESIGNATION	TEETH	WEIGHT (kg)*	PRICE EXCL. VAT (€)	BUCKET SET + COUPLER M1S**
5073716	5021997	1 backhoe Range 13 - Width 300 mm	ESCO V13SYL	226	-	-
	5021998	1 backhoe Range 13 - Width 500 mm				
	5001386	1 ditch cleaning bucket Profile P1 - Width 1,200 mm				

MODULE 2



Classic mechanical couplers 55 kg



Classic hydraulic couplers 61 kg

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

Morin Original system tool summary - Module 2

Backhoes 86

Range 22 86

Range 23 90

Banana buckets 94

Fixed ditch cleaning buckets 96

Tilt ditch cleaning buckets 97

Standard tools 98

Special tools 100

Bucket sets 102

Hydraulic kit for powering and controlling hydraulic coupler 5163582. **More information on page 43.**

Machines assigned to this module

BRAND	MACHINES	BUCKET RANGE	TINE CLASS
ACB+	REVERSIBLE KIT M2	-	-
AMMANN	AMX42 AMX45	22	D5
	AMX 50ZT AMX 55	23	D5
	AMX58 AMX60 AMX60ZT AMX65	23	D8
BOBCAT	E45 E50 E50Z E55 E55Z E60	22	D8
	E57W E62	23	D8
CASE	CX42D CX45D	22	D5
	CX50D CX55D CX57C CX58D CX60C/D CX65D	23	D8
CATERPILLAR	304C-CR 305C-CR 305CRNG 305D-CR 305.5D-CR 305.5E-CR 305E2 306 306.5 306.6CR 304.5 304CR 305CR	23	D8
	COLTRAX	CX50 CX57 CX58 CX60 CX62ST	23
DEVELON	DX55R-7 DX57W-7 DX62R-3/7 DX63-3/7	23	D8
EUROCOMACH	42ZT 45TR	22	D5
	50ZT 55TR	23	D5
	57ZT 60ZT 65TR	23	D8
EUROMACH	R45 BIGFOOT FORESTER	22	D5
HANIX	H55DR	23	D8
HITACHI	ZX48U-6 ZX55U-6 ZX55U-6EB	22	D5
HYUNDAI	R55-9A R55W-9A R60CR-9 HW65A HX65A	22	D8
	HX48AZ	23	D5
JCB	50Z-2 56Z-2	22	D8
KATO IMER IHI	HD50V5 HD60V5	23	D5
KOBELCO	SK50SRX-7 SK58SRX-7	22	D8
KOMATSU	PC58MR-5	23	D5

BRAND	MACHINES	BUCKET RANGE	TINE CLASS
KUBOTA	KX042-4a	22	D5
	KX057-4 U55-4	23	D8
	U50-5 U56-5 KX060-5	23	D5
NEW-HOLLAND	E450D E55D E60D E65D	23	D5
SANY	SY50U	23	D5
SUNWARD	SWE40U SWE50B	22	D5
	SWE60UF	23	D8
TAKEUCHI	TB250-2 TB257FR TB350R 6 TB260	22	D8
TEREX	TC35 TC37	22	D5
	TC48 TC50	23	D5
	TC60	23	D8
VOLVO	EC40 EC45	22	D5
	ECR50 ECR50F ECR58 ECR58F EC60E EW60E FROM 2021	22	D8
WACKER-NEUSON	ET/EW65 EZ53	22	D8
	ET42	22	D5
	ET58 EZ50	23	D5
XCMG	XE55E	23	D8
YANMAR	Vio50-6B Vio57-6B SV60-6B	23	D8

BACKHOE RANGE 22

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Profile PIN



Toothless bucket

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
R22-300	300	58	64	168	-	5020575
R22-350	350	69	69	193	-	5019232
R22-400	400	82	77	225	-	5016821
R22-450	450	95	83	254	-	5019493
R22-500	500	108	88	282	-	5016818
R22-550	550	125	95	320	-	5101041
R22-600	600	136	100	345	-	5034238
R22-650	650	153	110	385	-	5101042
R22-700	700	166	111	410	-	5059620
R22-750	750	180	116	440	-	5071844
R22-800	800	184	132	463	-	5016820
R22-850	850	201	151	513	-	5101043
R22-900	900	210	144	522	-	5016819

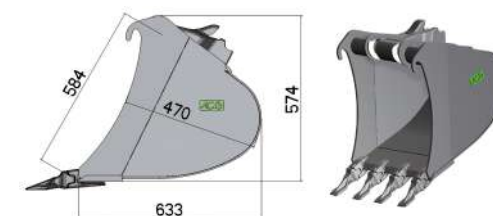
(* Weight variation of +/- 2 % depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

BACKHOE RANGE 22

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth | Stock item ■

Profile PIN



Bucket with RBCB or teeth

REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



CAT 1U3202

Thickness 20 mm



COMBI MINI T29

Thickness 20 mm



ESCO V17TYL

Thickness 20 mm



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R22-300	300	58	72	176	-	RBCB	5016874	3	5016865	3	5038575	3	5014226
R22-350	350	69	77	201	-	RBCB	5100976	3	5066706	3	5045008	3	5015063
R22-400	400	82	85	233	-	RBCB	5016873	3	5016855	3	5040304	3	5015035
R22-450	450	95	91	262	-	RBCB	5039292	3	5016854	3	5037670	3	5015017
R22-500	500	108	99	293	-	RBCB	5016872	4	5059062	4	5040302	4	5015028
R22-550	550	125	105	330	-	RBCB	5100977	4	5059061	4	5100967	4	5015087
R22-600	600	136	110	355	-	RBCB	5016869	4	5016852	4	5037417	4	5014395
R22-650	650	153	116	391	-	RBCB	5100978	4	5071962	5	5100968	4	5015080
R22-700	700	166	124	423	-	RBCB	5100979	5	5016851	5	5037671	5	5015050
R22-750	750	180	130	454	-	RBCB	5100980	5	5036687	5	5042471	5	5015072
R22-800	800	184	148	479	-	RBCB	5100982	6	5016848	5	5040305	5	5015041
R22-850	850	201	154	516	-	RBCB	5100983	6	5101029	6	5100969	6	5039661
R22-900	900	210	160	538	-	RBCB	5100985	6	5101030	6	5040303	6	5016836

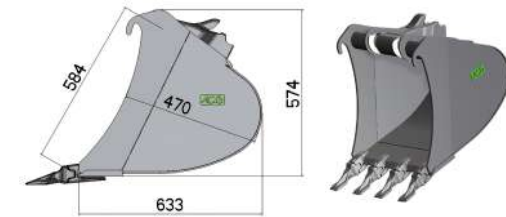
BACKHOE RANGE 22

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Profile PIN



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R22-300	300	58	71	175	-	3	5037343	3	5082524	3	5058500
R22-350	350	69	76	200	-	3	5039124	3	5100935	3	5023053
R22-400	400	82	84	232	-	3	5038191	3	5077127	3	5046308
R22-450	450	95	89	260	-	3	5037549	3	5082158	3	5040112
R22-500	500	108	97	291	-	4	5042979	4	5082525	4	5052985
R22-550	550	125	103	328	-	4	5087977	4	5100946	4	5053056
R22-600	600	136	109	354	-	4	5037479	4	5100948	4	5101012
R22-650	650	153	115	390	-	4	5050819	4	5100949	4	5101013
R22-700	700	166	123	422	-	5	5039125	5	5094077	5	5052986
R22-750	750	180	129	453	-	5	5037344	5	5094385	5	5048451
R22-800	800	184	144	475	-	5	5037480	5	5082159	5	5046309
R22-850	850	201	151	513	-	6	5044858	5	5100950	6	5101016
R22-900	900	210	158	536	-	6	5040072	6	5100951	6	5040113

FEURST FKITLR
Thickness 20 mm



FUTURA FT170S
Thickness 20 mm



JCB 531-03205D
Thickness 20 mm

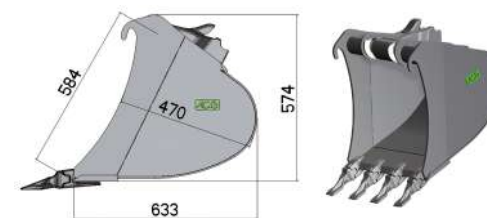


BACKHOE RANGE 22

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

(*) Weight variation of +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth

Profile PIN



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R22-300	300	58	71	175	-	3	5016723	3	5083772
R22-350	350	69	76	200	-	3	5016800	3	5087100
R22-400	400	82	84	232	-	3	5016817	3	5086114
R22-450	450	95	89	260	-	3	5016810	3	5100867
R22-500	500	108	98	292	-	4	5016816	4	5100868
R22-550	550	125	103	328	-	4	5016807	4	5100870
R22-600	600	136	108	353	-	4	5016806	4	5071736
R22-650	650	153	114	389	-	4	5027767	4	5100871
R22-700	700	166	123	422	-	5	5016803	5	5100875
R22-750	750	180	127	451	-	5	5016801	5	5087101
R22-800	800	184	143	474	-	5	5016735	5	5100875
R22-850	850	201	152	514	-	6	5041231	5	5100888
R22-900	900	210	158	536	-	6	5027768	5	5086117

MTG MG8L

Thickness 20 mm



VOLVO 8GPC

Thickness 20 mm

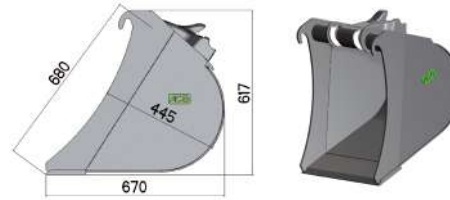


BACKHOE RANGE 23

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Profile PIN



Toothless bucket

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
R23-300	300	68	67	189	-	5016549
R23-350	350	84	72	223	-	5044945
R23-400	400	100	80	260	-	5017618
R23-450	450	116	85	294	-	5040565
R23-500	500	126	92	319	-	5016550
R23-550	550	148	98	364	-	5101045
R23-600	600	164	103	398	-	5016533
R23-650	650	181	108	434	-	5078067
R23-700	700	197	115	470	-	5063884
R23-750	750	214	121	506	-	5044946
R23-800	800	218	134	526	-	5056479
R23-850	850	233	141	560	-	5024290
R23-900	900	264	147	622	-	5036092
R23-1000	1000	297	159	694	-	5044947

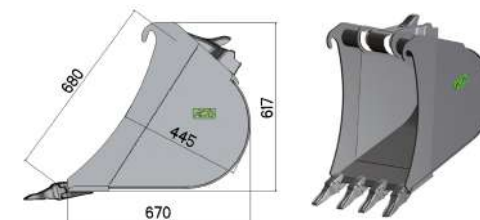
(* Weight variation of +/- 2 % depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

BACKHOE RANGE 23

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

Thickness = Blade thickness | (*) Weight variation +/- 2%
depending on equipment | Total weight = (ISO capacity in l x
Density 1.8) + Bucket weight in kg | Average tooth count

Profile PIN



Bucket with RBCB or teeth

REVERSIBLE BOLT-ON COUNTER-BLADE Thickness 20 mm



CAT 1U3202 Thickness 20 mm



CAT2 6Y6335 Thickness 20 mm



COMBI MINI T29 Thickness 20 mm



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R23-300	300	68	74	196	-	RBCB	5028506	3	5069342	3	5032464	3	5042343
R23-350	350	84	80	231	-	RBCB	5027139	3	5058383	3	5045643	3	5040631
R23-400	400	100	88	268	-	RBCB	5024746	3	5054225	3	5038824	3	5042884
R23-450	450	116	93	302	-	RBCB	5056858	3	5069290	3	5033090	3	5044494
R23-500	500	126	102	329	-	RBCB	5041406	4	5016547	4	5035117	4	5040271
R23-550	550	148	108	374	-	RBCB	5100986	4	5101031	4	5057241	5	5100970
R23-600	600	164	113	408	-	RBCB	5100987	4	5089186	4	5041078	4	5042344
R23-650	650	181	120	446	-	RBCB	5100988	4	5101032	4	5045814	5	5100971
R23-700	700	197	128	483	-	RBCB	5100989	5	5068058	5	5036009	5	5042345
R23-750	750	214	134	519	-	RBCB	5100990	5	5054226	5	5035118	5	5050450
R23-800	800	218	150	542	-	RBCB	5100991	6	5058384	5	5042850	5	5040632
R23-850	850	233	157	576	-	RBCB	5100992	6	5101033	5	5101056	6	5100972
R23-900	900	264	163	638	-	RBCB	5092415	6	5071074	6	5033091	6	5040272
R23-1000	1000	297	178	713	-	RBCB	5100993	7	5101034	6	5101057	6	5045468

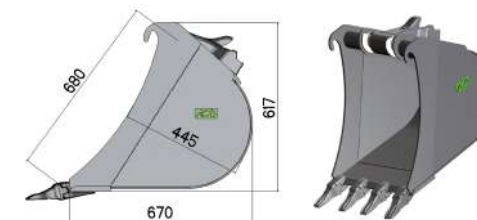
BACKHOE RANGE 23

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth | Stock item ■

Profile PIN



ESCO V17TYL
Thickness 20 mm



FEURST FKITLR
Thickness 20 mm



FUTURA FT170S
Thickness 20 mm



Bucket with teeth

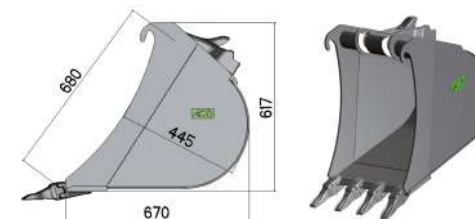
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R23-300	300	68	75	197	-	3	5007246	3	5040258	3	5080874
R23-350	350	84	80	231	-	3	5013317	3	5039728	3	5084903
R23-400	400	100	88	268	-	3	5015928	3	5039624	3	5086907
R23-450	450	116	94	303	-	3	5010771	3	5040223	3	5086771
R23-500	500	126	102	329	-	4	5015935	4	5032463	4	5078639
R23-550	550	148	108	374	-	4	5016208	4	5053626	4	5100952
R23-600	600	164	114	409	-	4	5007245	4	5039729	4	5078640
R23-650	650	181	108	434	-	4	5016200	4	5049504	4	5100953
R23-700	700	197	128	483	-	5	5015937	5	5046447	5	5085850
R23-750	750	214	134	519	-	5	5015943	5	5057295	5	5093105
R23-800	800	218	148	540	-	5	5015948	5	5039623	5	5082049
R23-850	850	233	157	576	-	6	5024477	6	5090529	5	5100954
R23-900	900	264	163	638	-	6	5016229	6	5037921	6	5086905
R23-1000	1000	297	190	725	-	7	5007247	7	5032465	6	5078641

BACKHOE RANGE 23

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

(*) Weight variation of +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth

Profile PIN



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	JCB 531-03205D		MTG MG8L		VOLVO 8GPC	
						NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R23-300	300	68	77	199	-	3	5015961	3	5016510	3	5100894
R23-350	350	84	82	233	-	3	5016275	3	5016512	3	5100895
R23-400	400	100	91	271	-	3	5015951	3	5016500	3	5090656
R23-450	450	116	95	304	-	3	5016278	3	5016509	3	5100896
R23-500	500	126	105	332	-	4	5015964	4	5020616	3	5100899
R23-550	550	148	111	377	-	4	5101018	4	5059330	4	5100901
R23-600	600	164	117	412	-	4	5015958	4	5016492	4	5090657
R23-650	650	181	122	448	-	4	5016448	4	5020652	4	5100902
R23-700	700	197	132	487	-	5	5016446	5	5019980	4	5100903
R23-750	750	214	137	522	-	5	5101019	5	5016511	5	5100904
R23-800	800	218	152	544	-	5	5007369	5	5016451	5	5100905
R23-850	850	233	157	576	-	6	5101020	6	5064620	5	5100906
R23-900	900	264	168	643	-	6	5016280	6	5025814	6	5090659
R23-1000	1000	297	180	715	-	7	5020237	7	5044045	6	5100907

JCB 531-03205D
Thickness 20 mm



MTG MG8L
Thickness 20 mm



VOLVO 8GPC
Thickness 20 mm



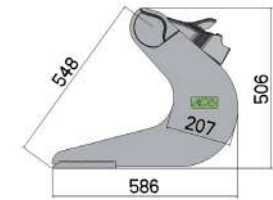
BANANA BUCKETS

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

Thanks to its narrow width, the BANANA BUCKET is ideal for work requiring precision, such as small trenches or cable installation.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Profile 2



Profile 2

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	PRICE EXCL. VAT (€)	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
2GL-2-260	260	29	55	107	-	5003833	-	5057083	-	2	5035202	-	2	5039350
2GL-2-300	300	34	60	121	-	5003934	-	5119193	-	2	5121354	-	2	5133811

TOOTHLESS

Thickness 20 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



ESCO V17TYL

Thickness 20 mm



FEURST FKITLR

Thickness 20 mm



Profile 3



Profile 3

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
2GL-3-200	200	28	74	124	-	5002795	-	2	T29	-	2	5063731	-	2	5058904
2GL-3-250	250	33	80	139	-	5007326	-	2	5072473	-	2	FKITLR	-	2	MG5L

TOOTHLESS

Thickness 15 mm



COMBI MINI T29

Thickness 20 mm



FEURST FKITLR

Thickness 20 mm



MTG MG5L

Thickness 20 mm

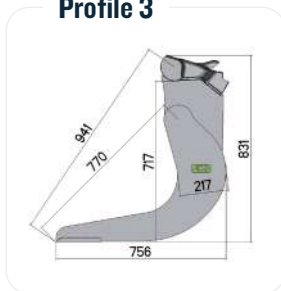


BANANA BUCKETS

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth | Stock item

Profile 3



Profile 5



TOOTHLESS

Thickness 20 mm



Profile 3

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
2GL-3-200	200	28	80	130	-	2	5055707
2GL-3-250	250	33	85	144	-	2	V17TYL

ESCO V17TYL

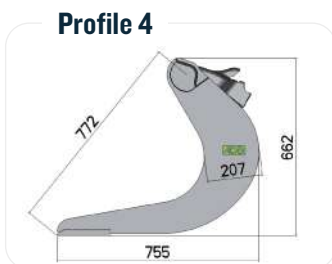
Thickness 20 mm



Profile 5

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
2GL-5-200	200	51	91	183	-	5017289
2GL-5-250	250	68	94	216	-	5034674

Profile 4



TOOTHLESS

Thickness 20 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



ESCO V17TYL

Thickness 25 mm



MTG MG8L

Thickness 25 mm



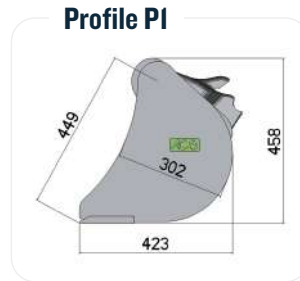
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	PRICE EXCL. VAT (€)	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
2GL-4-260	260	46	66	149	-	5001849	-	5015505	-	3	V17TYL	-	2	5087178
2GL-4-300	300	51	71	163	-	5001850	-	5060185	-	3	5076982	-	3	MG8L

FIXED DITCH CLEANING BUCKETS

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

The DITCH CLEANING BUCKET can be used
for finishing work such as ditch cleaning,
embanking, levelling and much more.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending
on equipment | Total weight = (ISO capacity in l x Density 1.8) +
Bucket weight in kg | Stock item ■



Profile P1

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM2-1000-P1	1,000	140	100	352	-	5001391	131	383	-	5088949
CM2-1200-P1	1,200	171	114	422	-	5001392	150	458	-	5010230
CM2-1300-P1	1,300	186	121	456	-	5001393	159	494	-	5072177
CM2-1400-P1	1,400	200	128	488	-	5001394	169	529	-	5013047
CM2-1500-P1	1,500	216	135	524	-	5001395	179	568	-	5020394
CM2-1600-P1	1,600	230	141	555	-	5001396	188	602	-	5053523

Profile P3

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM2-1000-P3	1,000	167	108	409	-	5004934	138	439	-	RBCB
CM2-1200-P3	1,200	202	123	487	-	5003578	157	521	-	5025336
CM2-1300-P3	1,300	220	130	526	-	5006283	139	535	-	5138992
CM2-1400-P3	1,400	238	138	566	-	5001852	178	606	-	5013467
CM2-1500-P3	1,500	255	145	604	-	5003994	188	647	-	5020650
CM2-1600-P3	1,600	270	152	638	-	5017169	200	686	-	5127121

SMOOTH BLADE

Thickness 20 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



SMOOTH BLADE

Thickness 20 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm

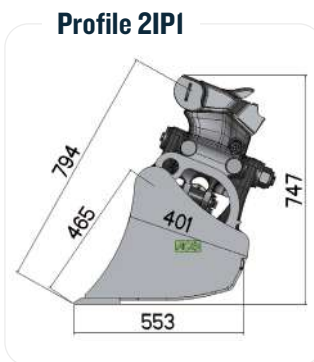


TILT DITCH CLEANING BUCKETS

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

The TILT DITCH CLEANING BUCKET can be used for finishing work such as ditch cleaning, embanking, levelling and much more. The tilting version is stable on the ground and remains upright to facilitate the next attachment.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg
Stock item ■



Profile 2IPI 2 x 45° - 1 Cylinder



SMOOTH BLADE
Thickness 20 mm



REVERSIBLE BOLT-ON COUNTER-BLADE
Thickness 20 mm

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
2IPI-1400	1,400	233	245	664	-	5070045	286	705	-	5074289

Retaining kit

Optional retaining kits are available to compensate for hydraulic leaks and keep the tilt ditch cleaning bucket in the desired position.

MODULE	ITEM CODE	PRICE EXCL. VAT (€)
M2	5078655	-

STANDARD TOOLS

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

As a bucket isn't always enough, a range of TOOLS is available to meet all your needs. For more information, please refer to the attached product specification sheets or contact us.

(*) Weight variation of +/- 2% depending on equipment
Stock item ■

Trapezoidal bucket with 65° angles

Bucket for creating profiled ditches

Dimensions:

- Large base (GB) = 1,000 mm
- Beam height (HSP) = 600 mm
- Small base (PB) = 300 mm
- Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
TTP001-M2	141	-

Suspension link

Tool for single-axis articulation of products already fitted with a suspension system

Diameter 40 mm x Width 90 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5007249	35	-

Universal joint

Tool for articulating, along two axes, a gripper, a grapple, an auger, etc.

PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
UNIVERSAL JOINT-M2	Depending on equipment	-



Ripper tooth

Ripper tooth for work on rocky terrain

R = 900 60 mm 1 tooth ESCO U20P



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5063288	80	-

Pin-on adapter

Tool for pinning your hydraulic equipment using two pins



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
BERCEAU-M2	Depending on size	-

Bolt-on adapter

Tool for bolting on hydraulic equipment



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
BOLT-ON ADAPTER-M2	Depending on equipment	-

ITEM CODE	BRANDS
5003997	BOBCAT: HB980 HB880 B955S B955 B950 B855S B855 DOOSAN: DA280 DA220 MONTABERT: 95MS 85MS SC28 SC22 NEUSON: NE28 NE22
5030027	EPIROC: SB202 SB200 RM200 HC450 HC350 JCB: HM266Q HM2650 KUBOTA: KM205

STANDARD TOOLS

Morin Original system coupler M2 for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

As a bucket isn't always enough, a range of TOOLS is available to meet all your needs. For more information, please refer to the attached product specification sheets or contact us.

(*) Weight variation of +/- 2% depending on equipment

4 x l bucket

Multi-purpose tool enabling various operations to be carried out with a single tool, such as: loading, snow removal, levelling, etc.

Dimensions:

- Width 1350 mm,
- 245 l capacity

Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
4x1-M2-1350	232	-

Pallet forks

There are two versions of our pallet forks:

- A simple version, for attachment using a quick coupler only.
- A version with an arrangement on the front blade, allowing the pallet forks to be attached to the blade, for use on sites only.

Depending on the profile of the excavator blade, we are obliged to:

- Place the pallet forks on the blade using simple hooks: the pallet forks can then be shifted sideways depending on site requirements.
- Fix the pallet forks to the blade with an arrangement to be welded onto the blade: the pallet forks remain in a fixed position.

To order your pallet forks, please specify which version you require. For the second version, the decision to weld or place depends on the blade profile of your machine. 800 kg forks



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
LP-M2-SIMPLE	140	-
LP-M2-SUR LAME	180	-

SPECIAL TOOLS

Morin Original system coupler M2
for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

Non-exhaustive list. Please contact us for more information.

Some situations require special dimensions or configurations. That's why ACB+ is at your disposal for any specific requests. Our SPECIAL TOOLS are made to measure. So you have a choice of teeth, pitch, width, etc. Here are just a few examples.

(*) Weight variation of +/- 2% depending on equipment

Grid backhoe

Tool for sieving rubble and pebbles.
Grid backhoe Range 23 - 900 mm
6 teeth ESCO V17TYL - Pitch 70 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5072265	181	-

Universal grading bucket

Finishing tool for rotating couplers and tiltrotators
Universal grading bucket 1200 mm
0.21m³ - Profile 2UP1



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5148087	154	-

Grid ditch cleaning bucket

Tool for small jobs sorting materials on the ground over a broad strip.
Grid ditch cleaning bucket 1,400 mm
Pitch 60 x 60 mm - Bladeless profile with sidewall



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5068541	132	-

Tool for sorting loose materials containing pebbles
Grid ditch cleaning bucket 1,400 mm
Pitch 131 x 100 mm - 8 Teeth MTG MG8V



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5090743	156	-

SPECIAL TOOLS

Morin Original system coupler M2 for machines from 3.5t to 5.5t
Couplers available on pages 18 to 30

(*) Weight variation of +/- 2% depending on equipment

Rake

A tool for small-scale landscape finishing work, such as grading and sorting materials on the ground, etc. 1400 mm rake - Pitch 114 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5070175	81	-

Stump grinder tooth

Tool for levelling (cutting) stumps and completing stump removal
Stump grinder -
R = 728 mm - 50 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5115892	84	-

Front and rear rake

Tool for small forestry jobs to create swaths by pulling and pushing Front and Rear Rake 1,500 mm 9 Claws - Pitch 153 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5093326	229	-

Claw backhoe

Tool for gripping and manipulating objects -
Claw backhoe 800 mm
0.184m³ - 5 Teeth ESCO
V17TYL



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5091103	234	-

BUCKET SETS - EXPRESS OPTION

DELIVERED WITHIN 5 WORKING DAYS

Morin Original system coupler M2 | for machines from 3.5t to 5.5t | Couplers available on pages 18 to 30

To save time and increase convenience, ACB+ stocks palletised bucket sets. These consist of two earthmoving buckets and one ditch cleaning bucket selected from the most popular sizes.

(*) Weight variation of +/- 2% depending on equipment

(**) Depending on availability | Stock item ■

Narrow bucket set range 23



Narrow bucket set range 23



ITEM CODE	CONTAINER	DESIGNATION	TEETH	WEIGHT (kg)*	PRICE EXCL. VAT (€)	BUCKET SET + COUPLER M2S**
5073720	5007246 5015935 5001394	1 backhoe Range 23 - Width 300 mm 1 backhoe Range 23 - Width 500 mm 1 ditch cleaning bucket Profile P1 - Width 1,400 mm	ESCO V17TYL	330	-	-

Wide bucket set range 23



Wide bucket set range 23



ITEM CODE	CONTAINER	DESIGNATION	TEETH	WEIGHT (kg)*	PRICE EXCL. VAT (€)	BUCKET SET + COUPLER M2S**
5073721	5015928 5007245 5001394	1 backhoe Range 23 - Width 400 mm 1 backhoe Range 23 - Width 600 mm 1 ditch cleaning bucket Profile P1 - Width 1,400 mm	ESCO V17TYL	355	-	-

MODULE 3



Classic mechanical couplers 100 kg



Classic hydraulic couplers 111 kg

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30

Morin Original system tool summary - Module 3

Backhoes 104

Range 31 104

Range 32 108

Banana buckets 111

Fixed ditch cleaning buckets 113

Tilt ditch cleaning buckets 114

Standard tools 115

Special tools 117

Bucket sets 120

Machines assigned to this module

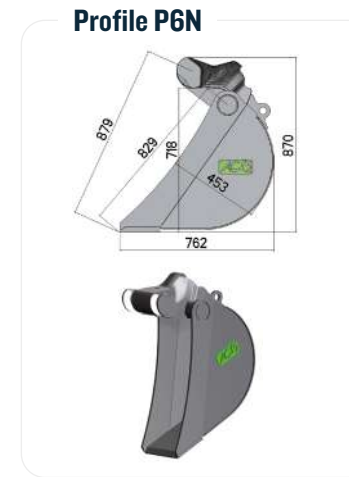
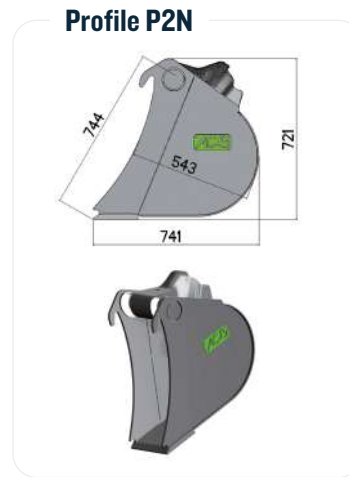
BRAND	MACHINES	BUCKET RANGE	TINE CLASS
ACB+	REVERSIBLE KIT M3	-	-
AMMANN	AMX85 AMX85ZT AMX95DDP AMX100	31	D10
BOBCAT	E80 E85 E88	32	D10
CASE	580ST 590ST 695ST CX85D CX90E	31	D10
	580SV 590SV 695SV CX75 CX75SR CX80C CX85D CX90D WX95	32	D10
CATERPILLAR	3075NG 308NG 390CR	32	D8
	428F 432F 434F 444F	32	D15
COLTRAX	CX85 CX95ST	32	D10
DEVELON	DX85R-7	32	D10
EUROCOMACH	85SB 90ZT 95UR 100TR	32	D10
	3500 5000 R553	31	D8
EUROMACH	R555H R555H/BIGFOOT/FORESTER	32	D10
HIDROMEK	HMK102B HMK102S	32	D15
HITACHI	ZX65USB-6	31	D8
	EX60-3 EX75UR-3 ZX85USB-5 ZX95W-7	32	D10
HYUNDAI	HX85-A R80CR-9	32	D10
JCB	3CX 4CX 65R-1 67C-1 85Z-2 86C-2 90Z-2 HYDRADIG110W	31	D8
	JS70 JZ70	32	D10
KATO IMER IHI	HD85V5 HD307	32	D10
KOBELCO	SK75SR-7 SK85MSR-7	32	D10

Hydraulic kit for powering and controlling hydraulic coupler 5105978. **More information on page 43.**

BRAND	MACHINES	BUCKET RANGE	TINE CLASS
KOMATSU	WB93R-5(backhoe) WB93S-5(backhoe) WB97R-5(backhoe) WB97S-5(backhoe)	31	D10
KOMATSU	PC75R-2 PW75 PC78MR-6 PC80MR-5	32	D10
KUBOTA	KX080-4 KX080-5 KX251	32	D15
LIUGONG	CLG909ECR	31	D15
MECALAC	8MCR	MECALAC	D10
MENZI-MUCK	M220	32	D15
NEW-HOLLAND	E70B-SR E80B-SR	32	D10
	B100D B110D B115D	32	D15
SANY	SY75C SY80C-9 SY80U	31	D10
SCHAEFF	TW75 TW95	32	D10
SUNWARD	SWE80	31	D8
TAKEUCHI	TB280FR TB290-2 TB290 one-piece TB295W TB370	32	D10
TEREX	FERMEC 860 TLB890 (backhoe) TC85 TW75 TW95	32	D10
VENIERI	8.23F	31	D10
VOLVO	BL71	31	D8
	EC70	32	D8
	ECR88D	32	D10
WACKER-NEUSON	75Z3 8002 8003 EZ80	32	D8
YANMAR	B75W B95W	32	D10
	B7-6 VI080-2PB SV86-7	32	D15

BACKHOE RANGE 31

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30



Toothless bucket

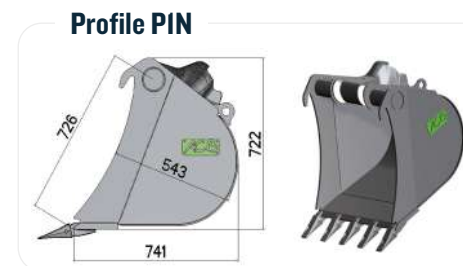
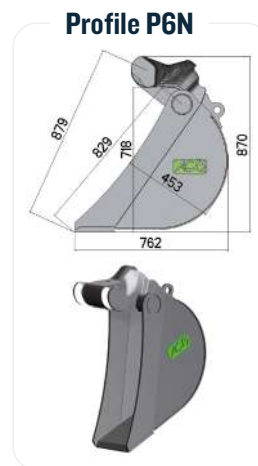
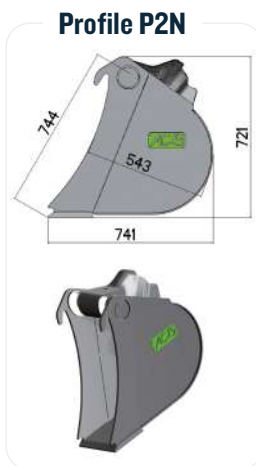
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
R31-P2N-300	300	96	106	279	-	5052987
R31-P6N-320	320	90	120	282	-	5053600
R31-P2N-350	350	105	111	300	-	5101046
R31-400	400	115	113	320	-	5056067
R31-450	450	137	121	368	-	5053985
R31-500	500	157	135	418	-	5038697
R31-600	600	198	151	507	-	5053516
R31-700	700	239	167	597	-	5057749
R31-750	750	260	197	665	-	5101047
R31-800	800	280	182	686	-	5056068
R31-900	900	322	205	785	-	5053285
R31-950	950	343	214	831	-	5101048
R31-1000	1000	364	222	877	-	5101049

(*) Weight variation of +/- 2 % depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

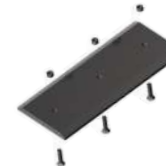
BACKHOE RANGE 31

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



CAT J200 1U3202

Thickness 25 mm • D8



ESCO 18TL

Thickness 25 mm • D10



Bucket with RBCB or teeth

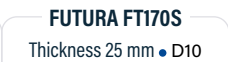
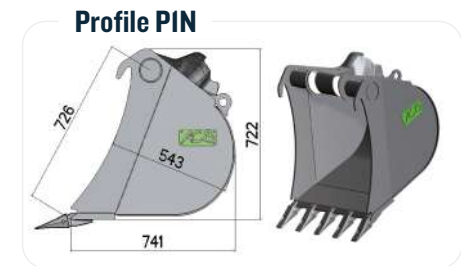
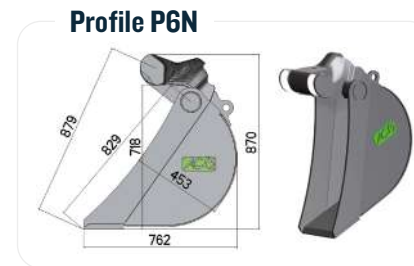
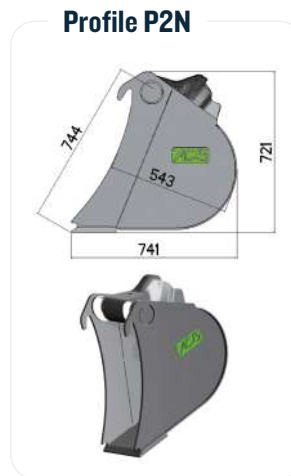
• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R31-P2N-300	300	96	114	287	-	RBCB	5072542	3	5052953	3	5052217
R31-P6N-320	320	90	127	289	-	RBCB	5054283	3	5052454	3	5072544
R31-P2N-350	350	105	118	307	-	RBCB	5100995	3	5057511	3	5067626
R31-400	400	115	113	320	-	RBCB	5073391	3	5055442	3	5053627
R31-450	450	137	129	376	-	RBCB	5052152	3	5052954	3	5054323
R31-500	500	157	146	429	-	RBCB	5052308	4	5053585	4	5066891
R31-600	600	198	161	517	-	RBCB	5065668	4	5052955	5	5054324
R31-700	700	239	181	611	-	RBCB	5065669	5	5101037	5	5072446
R31-750	750	260	187	655	-	RBCB	5100996	5	5067756	5	5101071
R31-800	800	280	196	700	-	RBCB	5063469	5	5071092	5	5101072
R31-900	900	322	222	802	-	RBCB	5100997	6	5052956	6	5053628
R31-950	950	343	230	847	-	RBCB	5100998	6	5065800	6	5056282
R31-1000	1000	364	239	894	-	RBCB	5100999	7	5053586	7	5067562

BACKHOE RANGE 31

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30



Bucket with teeth

• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness |
(* Weight variation +/- 2% depending on equipment |
Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R31-P2N-300	300	96	114	287	-	3	5052944	3	5057991	3	5053882	3	5100955
R31-P6N-320	320	90	127	289	-	3	5052328	3	5101067	3	5054231	3	5100956
R31-P2N-350	350	105	118	307	-	3	5053696	3	5069879	3	5061108	3	5100957
R31-400	400	115	120	327	-	3	5052256	3	5055702	3	5055104	3	5100958
R31-450	450	137	129	376	-	3	5052149	3	5052669	3	5052319	3	5084804
R31-500	500	157	146	429	-	4	5053505	4	5056046	4	5052318	4	5100960
R31-600	600	198	162	518	-	4	5052257	4	5055703	4	5053892	4	5100961
R31-700	700	239	181	611	-	5	5054666	5	5101068	5	5060600	5	5100962
R31-750	750	260	189	657	-	5	5059861	5	5101069	5	5064661	5	5084805
R31-800	800	280	197	701	-	5	5052453	5	5072981	5	5054232	5	5100963
R31-900	900	322	223	803	-	6	5052258	6	5055704	6	5052354	6	5091216
R31-950	950	343	231	848	-	6	5061091	6	5057293	6	5058837	6	5100964
R31-1000	1000	364	241	896	-	7	5053506	7	5060753	7	5057104	6	5100965

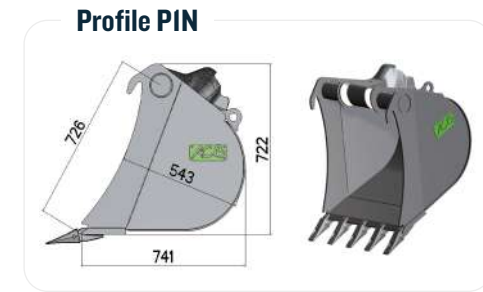
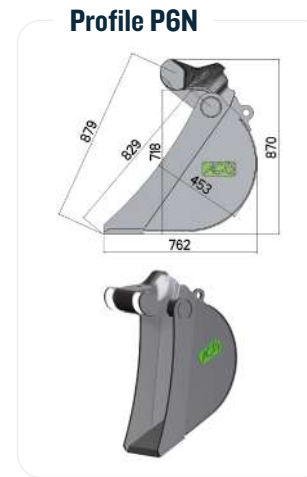
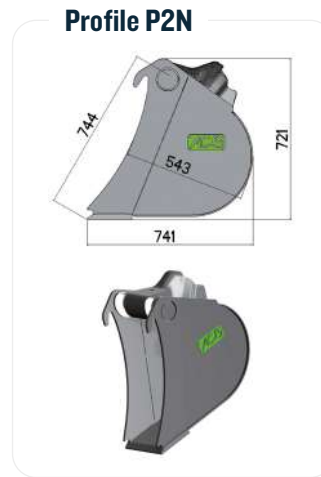
BACKHOE RANGE 31

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

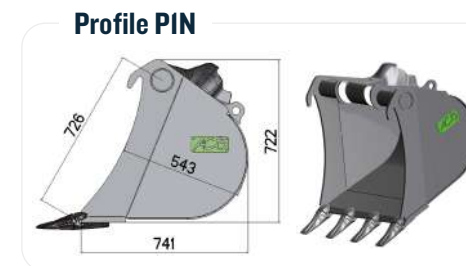
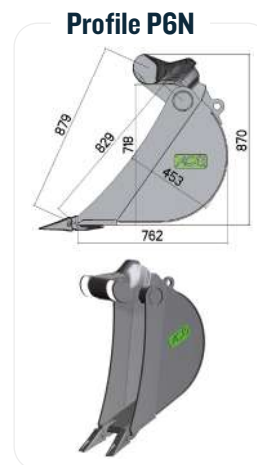
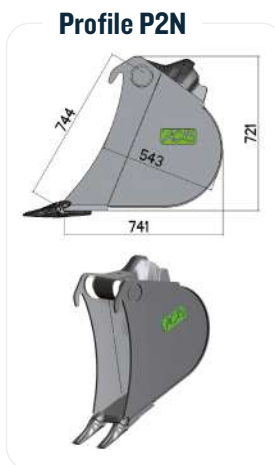


Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R31-P2N-300	300	96	113	286	-	3	5057081	3	5100914
R31-P6N-320	320	90	126	288	-	3	5059684	3	5064292
R31-P2N-350	350	105	117	306	-	3	5052508	3	5079155
R31-400	400	115	119	326	-	3	5052763	3	5072010
R31-450	450	137	128	375	-	3	5057315	3	5064293
R31-500	500	157	144	427	-	4	5057304	4	5100916
R31-600	600	198	161	517	-	4	5052971	4	5064294
R31-700	700	239	178	608	-	5	5074215	4	5100917
R31-750	750	260	187	655	-	5	5101005	5	5100918
R31-800	800	280	193	697	-	5	5052973	5	5100919
R31-900	900	322	220	800	-	6	5052657	5	5064295
R31-950	950	343	228	845	-	6	5059685	6	5076486
R31-1000	1000	364	238	893	-	7	5058943	7	5081438

BACKHOE RANGE 32

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30



CAT J225 6Y3222
Thickness 25 mm • D10



COMBI CIT35
Thickness 25 mm • D15



ESCO U20S
Thickness 25 mm • D15



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R32-P2N-300	300	96	121	294	-	3	5101123	2	CIT35	2	5065012
R32-P6N-320	320	90	128	290	-	2	5088864	2	CIT35	3	5062141
R32-P2N-350	350	105	125	314	-	3	5059059	3	5057359	3	5061927
R32-400	400	115	127	334	-	3	5057100	3	5066688	3	5062121
R32-450	450	137	136	383	-	3	5056742	3	5060256	3	5061517
R32-500	500	157	150	433	-	3	5083139	3	5053491	3	5062142
R32-550	550	177	163	482	-	4	5101124	4	CIT35	3	5064770
R32-600	600	198	169	525	-	4	5059060	4	5058427	4	5062122
R32-650	650	219	186	580	-	4	5101125	4	CIT35	4	5067535
R32-700	700	239	191	621	-	4	5101127	4	5064805	4	5062591
R32-750	750	260	199	667	-	5	5101128	5	CIT35	4	5061928
R32-800	800	280	206	710	-	5	5074156	5	5060634	4	5056903
R32-850	850	301	214	756	-	5	5101129	5	CIT35	5	5064211
R32-900	900	322	234	814	-	6	5056743	6	5053584	5	5061518
R32-950	950	343	242	859	-	6	5079006	6	5060598	5	5065664
R32-1000	1000	364	250	905	-	6	5058298	6	5064357	5	5062592

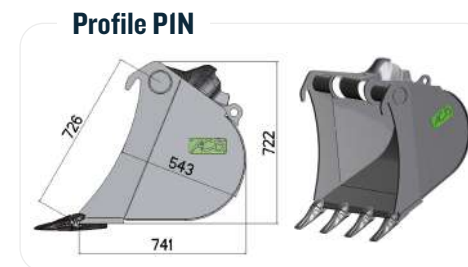
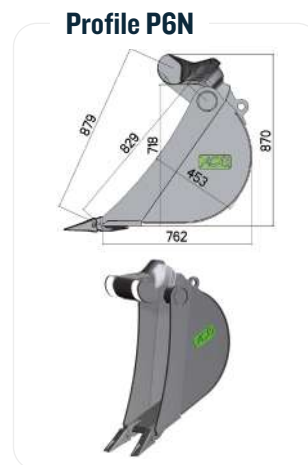
Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth | Stock item

BACKHOE RANGE 32

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30



Bucket with teeth

• Represents the range of breakout forces the tooth can withstand.
To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending
on equipment | Total weight = (ISO capacity in l x Density 1.8) +
Bucket weight in kg | Average tooth count

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R32-P2N-300	300	96	120	293	-	2	5101077	3	5052762
R32-P6N-320	320	90	132	294	-	2	5052150	3	5055192
R32-P2N-350	350	105	123	312	-	2	5058356	3	5052853
R32-400	400	115	125	332	-	3	5054038	3	5052666
R32-450	450	137	134	381	-	3	5052151	3	5053349
R32-500	500	157	148	431	-	3	5072289	3	5055193
R32-550	550	177	161	480	-	3	5101078	4	5064454
R32-600	600	198	168	524	-	3	5101079	4	5053846
R32-650	650	219	177	571	-	4	5101081	4	5067138
R32-700	700	239	185	615	-	4	5083311	4	5052667
R32-750	750	260	196	664	-	4	5101083	5	5083614
R32-800	800	280	203	707	-	4	5069757	5	5052054
R32-850	850	301	212	754	-	5	5101086	5	5067012
R32-900	900	322	228	808	-	5	5052153	5	5053350
R32-950	950	343	235	852	-	5	5101087	5	5052519
R32-1000	1000	364	246	901	-	5	5053697	6	5052665

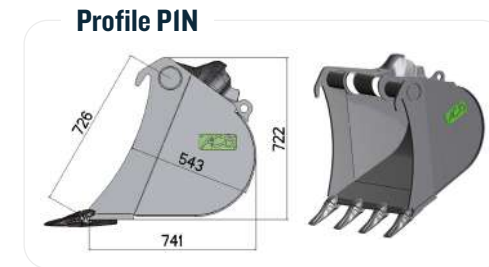
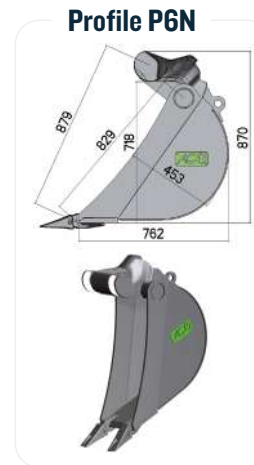
BACKHOE RANGE 32

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count



FUTURA FT190S
Thickness 25 mm • D15



KOMATSU P005SC
Thickness 25 mm • D15



MTG MG10L
Thickness 25 mm • D10



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R32-P2N-300	300	96	117	290	-	2	5101098	2	P005SC	2	5062350
R32-P6N-320	320	90	127	289	-	2	5091222	2	P005SC	3	5052850
R32-P2N-350	350	105	121	310	-	3	5082943	3	P005SC	3	5052020
R32-400	400	115	124	331	-	2	5084852	3	P005SC	3	5052146
R32-450	450	137	132	379	-	3	5078573	3	P005SC	3	5052358
R32-500	500	157	146	429	-	3	5082200	3	P005SC	3	5052021
R32-550	550	177	159	478	-	3	5101099	4	P005SC	4	5086440
R32-600	600	198	166	522	-	3	5090591	4	P005SC	4	5052147
R32-650	650	219	174	568	-	4	5101100	4	P005SC	4	5067096
R32-700	700	239	186	616	-	4	5101101	4	P005SC	4	5057303
R32-750	750	260	194	662	-	4	5101102	4	P005SC	4	5101105
R32-800	800	280	201	705	-	4	5082944	5	P005SC	5	5052472
R32-850	850	301	210	752	-	4	5084815	5	P005SC	5	5101106
R32-900	900	322	224	804	-	4	5083493	5	P005SC	5	5052022
R32-950	950	343	236	853	-	5	5101103	5	P005SC	5	5062351
R32-1000	1000	364	243	898	-	5	5078574	5	P005SC	5	5054444

BANANA BUCKETS

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30

Thanks to its narrow width, the BANANA BUCKET is ideal for work requiring precision, such as small trenches or cable installation.

Profile 2



TOOTHLESS

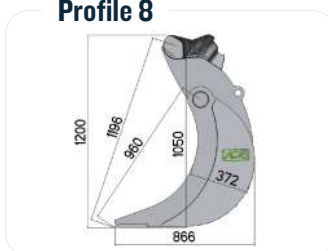
Thickness 20 mm



Profile 2

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
3GL-P2-200	200	59	140	246	-	5029560
3GL-P2-250	250	73	148	279	-	5005154

Profile 8



Profile 8

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	PRICE EXCL. VAT (€)	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
3GL-P8-200	200	50	138	228	-	5040222	-	5125500	-	2	FKITLR	-	2	5130128
3GL-P8-250	250	70	147	273	-	5032410	-	5123601	-	2	5057905	-	2	5068922
3GL-P8-300	300	90	156	318	-	5055349	-	5089218	-	3	FKITLR	-	3	5141274

TOOTHLESS

Thickness 20 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



FEURST FKITLR

Thickness 20 mm • D8



FEURST FK2TLR

Thickness 20 mm • D15



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

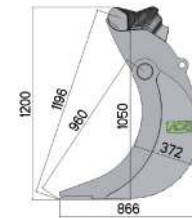
Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

BANANA BUCKETS

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30

Thanks to its narrow width, the BANANA BUCKET is ideal for work requiring precision, such as small trenches or cable installation.

Profile 8



Profile 8

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	ESCO V17TYL			ESCO U20S			MTG MG10L		
					PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
3GL-P8-200	200	50	138	228	-	2	5118061	-	2	U20S	-	2	MG10L
3GL-P8-250	250	70	157	283	-	3	5039571	-	2	5074524	-	2	5133150
3GL-P8-300	300	90	166	328	-	3	V17TYL	-	2	5069429	-	3	5038336

• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

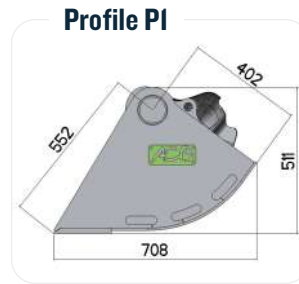
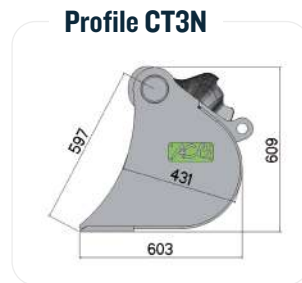
Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

FIXED DITCH CLEANING BUCKETS

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30

The DITCH CLEANING BUCKET can be used for finishing work such as ditch cleaning, embanking, levelling and much more.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Stock item ■



Profile P1

SMOOTH BLADE

Thickness 20 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM3-1500-P1	1500	335	228	831	-	5045295	272	875	-	5045786
CM3-1600-P1	1600	358	239	883	-	5042418	285	929	-	5053970
CM3-1700-P1	1700	382	249	937	-	5046883	298	986	-	5047984
CM3-1800-P1	1800	405	259	988	-	5046892	311	1040	-	5048452

SMOOTH BLADE

Thickness 20 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



Profile CT3N

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM3-1500-CT3N	1500	404	251	978	-	5048039	294	1021	-	5050563
CM3-1600-CT3N	1600	432	263	1041	-	5051695	313	1091	-	5105121
CM3-1700-CT3N	1700	461	264	1094	-	5042451	324	1154	-	5050187
CM3-1800-CT3N	1800	490	286	1168	-	5050849	338	1220	-	5052326

TILT DITCH CLEANING BUCKETS

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 20

The TILT DITCH CLEANING BUCKET can be used for finishing work such as ditch cleaning, embanking, levelling and much more. The tilting version is stable on the ground and remains upright to facilitate the next attachment.

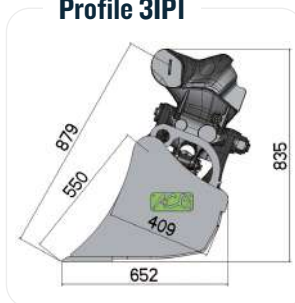
Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Stock item ■

Retaining kit

Optional retaining kits are available to compensate for hydraulic leaks and keep the tilt ditch cleaning bucket in the desired position.

MODULE	ITEM CODE	PRICE EXCL. VAT (€)
M3 1V	5078655	-
M3 2V	5078654	-

Profile 3IPI



Profile 3IPI 2 x 45° - 1 Cylinder

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
3IPI-1500-1V	1500	325	302	887	-	5074392	346	931	-	5074567
3IPI-1600-1V	1600	348	312	938	-	5074491	359	985	-	5074474

SMOOTH BLADE

Thickness 20 mm

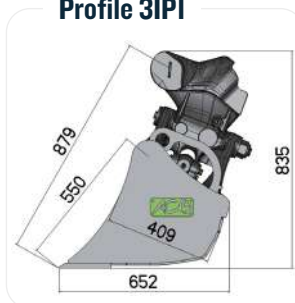


REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



Profile 3IPI



Profile 3IPI 2 x 45° - 2 Cylinders

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
3IPI-1500-2V	1500	325	315	900	-	5070029	360	945	-	5074589
3IPI-1600-2V	1600	348	326	952	-	5074492	373	999	-	5074650

SMOOTH BLADE

Thickness 20 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



STANDARD TOOLS

Morin Original system coupler M3 for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30

As a bucket isn't always enough, a range of TOOLS is available to meet all your needs. For more information, please refer to the attached product specification sheets or contact us.

(*) Weight variation of +/- 2% depending on equipment
Stock item ■

Ripper tooth

Ripper tooth for work on rocky terrain
R = 923 80 mm 1 tooth ESCO U25P



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5063294	113	-

Trapezoidal bucket with 65° angles

Bucket for creating profiled ditches

Dimensions:

- Large base (GB) = 1000 mm
- Beam height (HSP) = 600 mm
- Small base (PB) = 300 mm
- Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
TTP001-M3	158	-

Rotating trapezoidal bucket with 65° angles

Bucket for creating profiled ditches

Dimensions:

- Large base (GB) = 1,000 mm
- Beam height (HSP) = 600 mm
- Small base (PB) = 300 mm
- Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
TTP001-O-M3	248	-

Trapezoidal bucket with 58° angles

Bucket for creating profiled ditches

Dimensions:

- Large base (GB) = 1,180 mm
- Beam height (HSP) = 465 mm
- Small base (PB) = 400 mm
- Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
TTP002-M3	148	-

Universal joint

Tool for articulating, along two axes, a gripper, a grapple, an auger, etc.



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
UNIVERSAL JOINT-M3	Depending on equipment	-

Suspension link

Tool for single-axis articulation of products already fitted with a suspension system

Diameter 40 mm x Width 90 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5047260	35	-

STANDARD TOOLS

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30

As a bucket isn't always enough, a range of TOOLS is available to meet all your needs. For more information, please refer to the attached product specification sheets or contact us.

(*) Weight variation of +/- 2% depending on equipment
Stock item ■

Pin-on adapter

Tool for pinning your hydraulic equipment using two pins



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
BERCEAU-M3	Depending on size	-

4 x l bucket

Multi-purpose tool enabling various operations to be carried out with a single tool, such as: loading, snow removal, levelling, etc.

Dimensions:

- Width 1580 mm,
- 296 l capacity

Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
4x1-M3-1580	338	-

Dimensions:

- Width 1870 mm,
- 480 l capacity

Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
4x1-M3-1870	463	-

Bolt-on adapter

Tool for bolting on hydraulic equipment



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
BOLT-ON ADAPTER-M3	Depending on equipment	-

ITEM CODE	BRANDS
5051211	EPIROC: SBU340 SB302 MG500 MG400 DC400 JCB: HM386Q KUBOTA: KM305

Pallet forks

There are two versions of our pallet forks:

- A simple version, for attachment using a quick coupler only.
- A version with an arrangement on the front blade, allowing the pallet forks to be attached to the blade, for use on sites only.

To order your pallet forks, please specify which version you require. For the second version, the decision to weld or place depends on the blade profile of your machine. Forks 1,500 kg.



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
LP-M3-SIMPLE	280	-
LP-M3-SUR LAME	330	-

SPECIAL TOOLS

Morin Original system coupler M3
for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30

Non-exhaustive list. Please contact us for more information.

Some situations require special dimensions or configurations. That's why ACB+ is at your disposal for any specific requests. Our SPECIAL TOOLS are made to measure. So you have a choice of teeth, pitch, width, etc. Here are just a few examples.

(*) Weight variation of +/- 2% depending on equipment

Grid backhoe

Tool for sieving rubble and pebbles.
Grid backhoe 1,000 mm
7 teeth ESCO V17TYL - Pitch 100 x 180 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5093688	299	-

Universal grading bucket

Finishing tool for rotating couplers and tiltrotators
Universal grading bucket 1400 mm
RBCB - 0.36m³ - Profile 3UP1



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5157444	290	-

Rock handling bucket

Bucket with advanced blade, flared sides and reinforcements for working on hard, rocky ground and in the mountains
Rock handling bucket 1,000 mm
0.338m³ - 5 Teeth ESCO U20S



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5076087	273	-

Claw backhoe

Tool for gripping and manipulating objects -
Claw backhoe 900 mm
0.225m³ - 5 Teeth
VOLVO 8GPC



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5079157	371	-

SPECIAL TOOLS

Morin Original system coupler M3 for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30

Non-exhaustive list. Please contact us for more information.

Some situations require special dimensions or configurations. That's why ACB+ is at your disposal for any specific requests. Our SPECIAL TOOLS are made to measure. So you have a choice of teeth, pitch, width, etc. Here are just a few examples.

(*) Weight variation of +/- 2% depending on equipment

Grid ditch cleaning bucket

Tool for small jobs sorting materials on the ground over a broad strip.

Grid ditch cleaning bucket 1,500 mm
Pitch 80 x 70 mm - Profile without RBCB with sidewall



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5075734	308	-

Vine stock tear out rake

Tool for removing the stumps of vines.

Vine stock tear out rake 1,670 mm
Pitch 140 mm - 9 teeth VOLVO MG8V



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5039995	316	-

Grapple thumb

Hydraulic tool mounted directly under the dipperstick of an excavator to help pick up and place objects.
Thumb Module 3



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
THUMB-M3	Depending on equipment	-

Reprofiling trapezoidal bucket

Bucket for reprofiling ditches

Dimensions:

- Large base (GB) = 1,248 mm
- Beam height (HSP) = 860 mm
- Small base (PB) = 300 mm
- Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
TR-M3	220	-

SPECIAL TOOLS

Morin Original system coupler M3 for machines from 5.5t to 7.5t
Couplers available on pages 18 to 30

Rake

A tool for small-scale landscape finishing work, such as grading and sorting materials on the ground, etc. 1200 mm rake - Pitch 120 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5075535	143	-

(*) Weight variation of +/- 2% depending on equipment

Rear rake

Tool for small-scale forestry work to rake, swath and load stumps and branches

Rear Rake 1,080 mm -
6 Claws - Pitch 135 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5092856	332	-

Front and rear rake

A tool for small-scale forestry work to create swaths by pulling and pushing.

Front and Rear Rake 1,200 mm
6 claws - Pitch 210 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5082881	332	-

Stump grinder tooth

Tool for levelling (cutting) stumps and completing stump removal

Stump grinder -
R = 877 mm - 50 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5070104	156	-

BUCKET SETS - EXPRESS OPTION

DELIVERED WITHIN 5 WORKING DAYS

Morin Original system coupler M3 | for machines from 5.5t to 7.5t | Couplers available on pages 18 to 30

To save time and increase convenience, ACB+ stocks palletised bucket sets. These consist of two earthmoving buckets and one ditch cleaning bucket selected from the most popular sizes.

(*) Weight variation of +/- 2% depending on equipment

(**) Depending on availability | Stock item ■

Bucket set range 32



Bucket set range 32



ITEM CODE	CONTAINER	DESIGNATION	TEETH	WEIGHT (kg)*	PRICE EXCL. VAT (€)	BUCKET SET + COUPLER M3S**
5073722	5062121 5056903 5046892	1 backhoe Range 32 - Width 400 mm 1 backhoe Range 32 - Width 800 mm 1 ditch cleaning bucket Profile P1 - Width 1,800 mm	ESCO U20S	612	-	-

MODULE 4



Classic mechanical couplers 128 kg



Classic hydraulic couplers 135 kg

Morin Original system coupler M4
for machines from 7.5t to 10t
Couplers available on pages 18 to 30

Morin Original system tool summary - Module 4

Backhoes	122
Range 40	122
Range 41	124
Range 42	126
Banana buckets	128
Fixed and tilt ditch cleaning buckets	129
Standard tools	130
Special tools	132

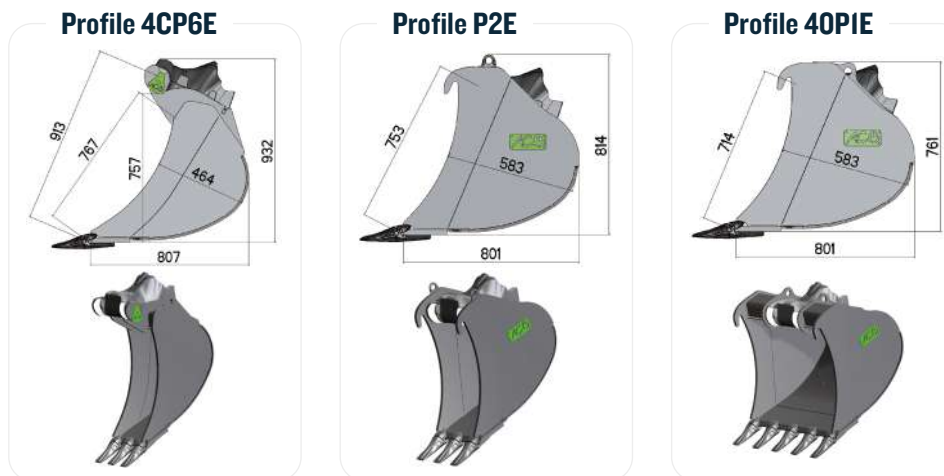
Machines assigned to this module

BRAND	MACHINES	BUCKET RANGE	TINE CLASS
ACB+	REVERSIBLE KIT M4	-	-
CATERPILLAR	307D 307E 307E2 308D 308E2-CR-SB 310	40	D10
DEVELON	DX100W-7	40	D10
EUROMACH	8500 R105 R85 R853 R85-BIGFOOT R85L	41	D20
HYUNDAI	HW100A	40	D15
JCB	100C-2	40	D15
KAISER	S2 S8 S8 ALL ROAD	42	D20
KOMATSU	PC88MR-11 PW98MR-11	40	D10
	PC95R-2 PW95	40	D15
	PW138MR-11	41	D15
LIEBHERR	A309 A910Compact A912Compact	42	D15
MENZI-MUCK	M3 M5 M535	42	D20
SUNWARD	SWE90UF SWE90UB	40	D15
TEREX	TW110 TC125	40	D15
WACKER-NEUSON	9503 ET90 EW100	40	D10
XCMG	XE80E	40	D15
YANMAR	B110W SV100-7	40	D15
	SV120	42	D15

Hydraulic kit for powering and controlling hydraulic coupler 5105978. **More information on page 43.**

BACKHOE RANGE 40

Morin Original system coupler M4 for machines from 7.5t to 10t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Bucket with teeth



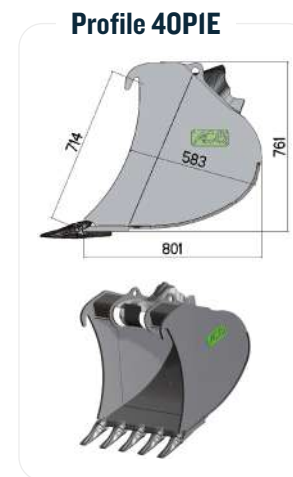
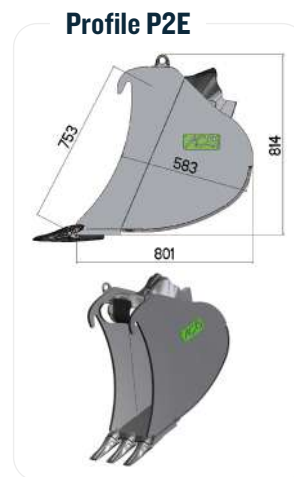
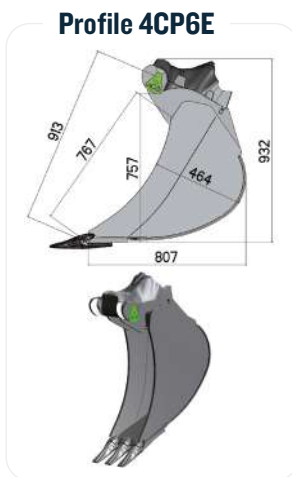
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-4CP6E-350	350	87	162	319	-	3	5111211	2	CIT35	3	5107526	3	5116540
R40-P2E-400	400	144	165	424	-	3	6Y3222	3	CIT35	3	5104592	3	5120326
R40-P1E-450	450	147	169	434	-	3	5133920	3	CIT35	3	5107072	3	FK2TLR
R40-P1E-500	500	170	167	473	-	4	5130218	3	CIT35	3	5107077	3	5110909
R40-P1E-600	600	211	212	592	-	4	5111212	4	CIT35	4	5107042	4	5112496
R40-P1E-700	700	259	230	696	-	4	6Y3222	4	CIT35	4	5111020	4	FK2TLR
R40-P1E-800	800	307	248	801	-	5	5111213	5	CIT35	4	5107048	4	5143898
R40-P1E-900	900	356	272	913	-	6	5109741	5	CIT35	5	5104567	5	5116541
R40-P1E-1000	1000	404	290	1017	-	6	5128899	5	CIT35	5	5107056	5	5120251

Profile 4CP6E

Profile P2E

BACKHOE RANGE 40

Morin Original system coupler M4
for machines from 7.5t to 10t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-4CP6E-350	350	87	162	319	-	2	FT190S	2	P010SC	3	5120927
R40-P2E-400	400	144	165	424	-	3	FT190S	3	P010SC	3	5108166
R40-PIE-450	450	147	169	434	-	3	FT190S	3	P010SC	3	5136123
R40-PIE-500	500	170	167	473	-	3	FT190S	4	P010SC	3	5136125
R40-PIE-600	600	211	212	592	-	3	FT190S	4	P010SC	4	5113507
R40-PIE-700	700	259	230	696	-	4	FT190S	5	P010SC	4	MG10L
R40-PIE-800	800	307	248	801	-	4	5111753	5	P010SC	5	5113508
R40-PIE-900	900	356	272	913	-	4	FT190S	5	P010SC	5	5122327
R40-PIE-1000	1000	404	290	1017	-	5	5147282	5	P010SC	5	5157516

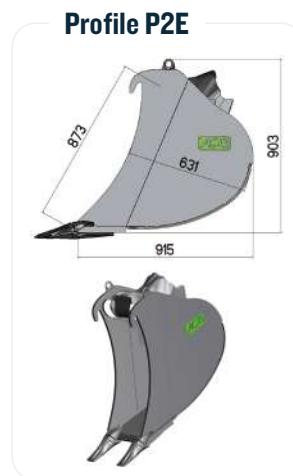
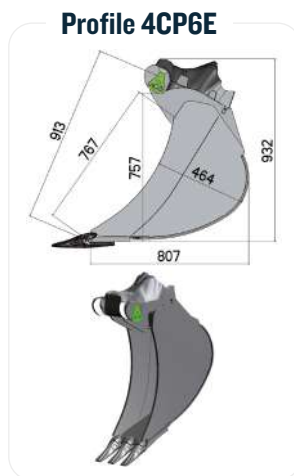


Profile 4CP6E

Profile P2E

BACKHOE RANGE 41

Morin Original system coupler M4 for machines from 7.5t to 10t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Bucket with teeth



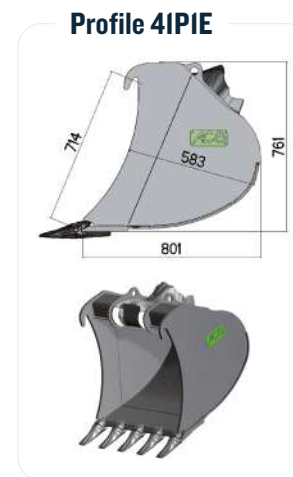
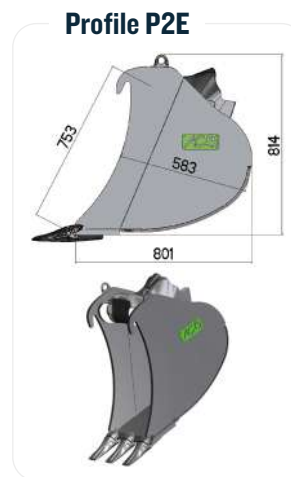
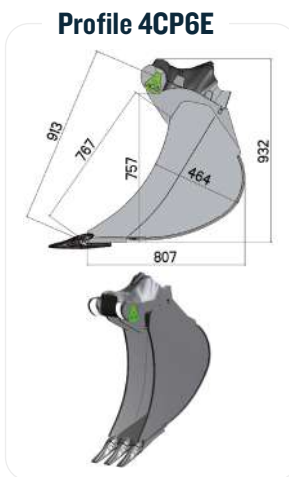
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-4CP6E-350	350	87	162	319	-	3	CIT35	3	5107526	3	5116540
R41-P2E-400	400	173	186	497	-	3	CIT35	3	5107785	3	FK2TLR
R41-P1E-450	450	185	195	528	-	3	CIT35	3	5107787	3	FK2TLR
R41-P1E-500	500	213	202	585	-	3	CIT35	3	5107792	3	FK2TLR
R41-P1E-600	600	264	237	712	-	4	CIT35	4	5107793	4	5109315
R41-P1E-700	700	325	253	838	-	4	CIT35	4	5124358	4	FK2TLR
R41-P1E-800	800	386	278	973	-	5	CIT35	4	5107794	4	FK2TLR
R41-P1E-900	900	448	304	1110	-	6	CIT35	5	5107795	5	5109316
R41-P1E-1000	1000	510	331	1249	-	6	CIT35	5	5107796	5	5142533

Profile 4CP6E

Profile P2E

BACKHOE RANGE 4I

Morin Original system coupler M4
for machines from 7.5t to 10t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth

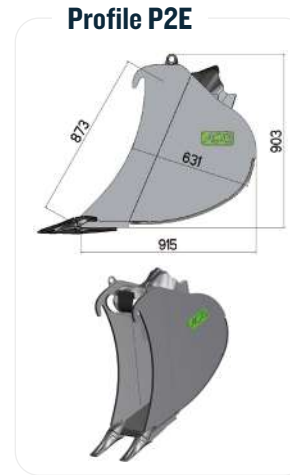
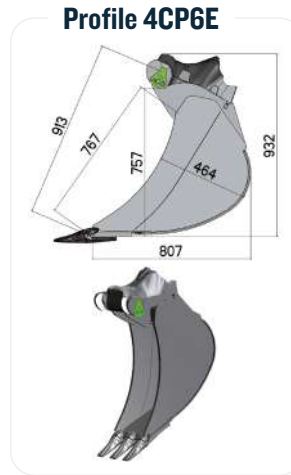
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	FUTURA FT190S Thickness 25 mm • D15		KOMATSU P010SC Thickness 25 mm • D15		MTG MG10L Thickness 25 mm • D10	
						NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-4CP6E-350	350	87	162	319	-	2	FT190S	2	P010SC	3	5120927
R41-P2E-400	400	173	186	497	-	3	FT190S	3	P010SC	3	MG10L
R41-P1E-450	450	185	195	528	-	3	5144628	3	P010SC	3	MG10L
R41-P1E-500	500	213	202	585	-	3	FT190S	4	P010SC	3	MG10L
R41-P1E-600	600	264	237	712	-	3	FT190S	4	P010SC	4	5109823
R41-P1E-700	700	325	253	838	-	4	FT190S	5	P010SC	4	MG10L
R41-P1E-800	800	386	278	973	-	4	FT190S	5	P010SC	5	5109824
R41-P1E-900	900	448	304	1110	-	4	FT190S	5	P010SC	5	MG10L
R41-P1E-1000	1000	510	331	1249	-	5	5144629	5	P010SC	5	MG10L

Profile 4CP6E

Profile P2E

BACKHOE RANGE 42

Morin Original system coupler M4 for machines from 7.5t to 10t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Specially designed for construction and renovation work, BACKHOE BUCKETS will satisfy your needs, whether you are working in a loose environment or a much more challenging one. They can be reinforced to withstand extreme conditions. So please don't hesitate to ask.

Bucket with teeth



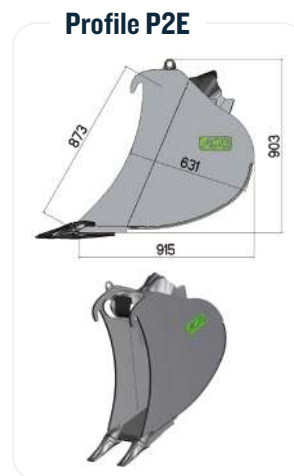
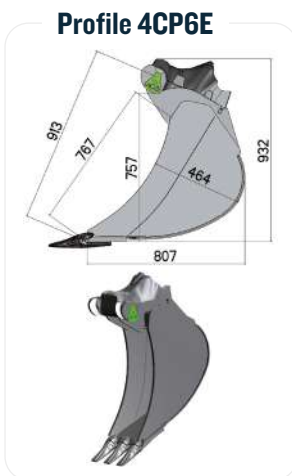
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-4CP6E-350	350	87	162	319	-	2	5108044	3	5107696	2	FT230S
R42-P2E-400	400	173	193	504	-	3	5104543	3	FK3TLR	2	FT230S
R42-PIE-450	450	185	207	540	-	3	5107004	3	FK3TLR	3	FT230S
R42-PIE-500	500	213	219	602	-	3	5107008	3	5132860	3	FT230S
R42-PIE-600	600	264	250	725	-	3	5107017	4	5132861	3	FT230S
R42-PIE-700	700	325	271	856	-	3	5124357	4	5132862	3	FT230S
R42-PIE-800	800	386	302	997	-	4	5107027	4	5123293	4	FT230S
R42-PIE-900	900	448	324	1130	-	4	5093561	5	5107923	4	FT230S
R42-PIE-1000	1000	510	345	1263	-	4	5107033	5	5110737	4	FT230S
R42-PIE-1100	1100	573	376	1407	-	5	5107040	5	5120492	5	FT230S

Profile 4CP6E

Profile P2E

BACKHOE RANGE 42

Morin Original system coupler M4
for machines from 7.5t to 10t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
R-4CP6E-350	350	87	162	319	-	2	5122356
R42-P2E-400	400	173	193	504	-	3	MA15U
R42-PIE-450	450	185	207	540	-	3	5108732
R42-PIE-500	500	213	219	602	-	3	MA15U
R42-PIE-600	600	264	250	725	-	3	5113137
R42-PIE-700	700	325	271	856	-	4	5133823
R42-PIE-800	800	386	302	997	-	4	MA15U
R42-PIE-900	900	448	324	1130	-	5	5111999
R42-PIE-1000	1000	510	345	1263	-	5	5108733
R42-PIE-1100	1100	573	376	1407	-	5	5129976

Profile 4CP6E

Profile P2E

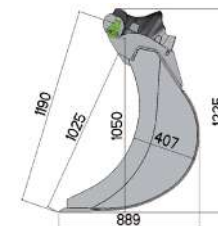
BANANA BUCKETS

Morin Original system coupler M4 for machines from 7.5t to 10t
Couplers available on pages 18 to 30

Profile 4CP6EL

⚠ Depth limited to 1,050 mm

Profile 4CP6EL



TOOTHLESS Thickness 25 mm



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
R-4CP6EL-300	300	72	165	295	-	5158303

Thanks to its narrow width, the BANANA BUCKET is ideal for work requiring precision, such as small trenches or cable installation.

Profile 4CP6EL

⚠ Depth limited to 1,050 mm

ESCO U20S

Thickness 25 mm • D15



FEURST FK3TLR

Thickness 30 mm • D20



MTG MG10L

Thickness 25 mm • D10



MTG MA15U

Thickness 30 mm • D15



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
R-4CP6EL-300	300	72	165	295	-	2	5112165	-	2	5112316	-	2	5115794	-	2	5111982

• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

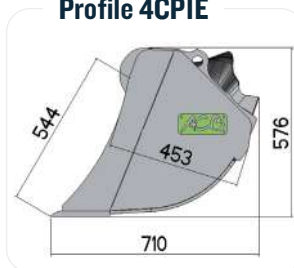
FIXED AND TILT DITCH CLEANING BUCKETS

Morin Original system coupler M4
for machines from 7.5t to 10t
Couplers available on pages 18 to 30

The ditch cleaning bucket can be used for finishing work such as ditch cleaning, embanking, levelling and much more. The TILT ditch cleaning bucket is stable on the ground and remains upright to facilitate the next attachment.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

Profile 4CPIE



SMOOTH BLADE

Thickness 20 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

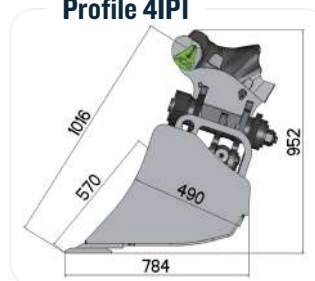
Thickness 20 mm



Profile 4CPIE

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM4-1500-4CPIE	1500	363	286	939	-	5107552	330	983	-	5107081
CM4-1600-4CPIE	1600	388	302	1000	-	5114722	348	1046	-	5093727
CM4-1700-4CPIE	1700	414	316	1061	-	5107809	365	1110	-	5107091
CM4-1800-4CPIE	1800	440	331	1123	-	5107566	383	1175	-	5107098

Profile 4IPI



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 20 mm



REVERSIBLE BOLT-ON COUNTER-BLADE + REAR BLADE

Thickness 20 mm



Profile 4IPI

2 x 45° - 2 Cylinders

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
4IPI-1600	1600	416	517	1266	-	5081894	547	1296	-	LAR
4IPI-1700	1700	444	535	1334	-	5085749	567	1366	-	5119057
4IPI-1800	1800	471	552	1400	-	5082298	587	1435	-	5081581

STANDARD TOOLS

Morin Original system coupler M4 for machines from 7.5t to 10t
Couplers available on pages 18 to 30

As a bucket isn't always enough, a range of TOOLS is available to meet all your needs. For more information, please refer to the attached product specification sheets or contact us.

(*) Weight variation of +/- 2% depending on equipment
Stock item ■

Bolt-on adapter

Tool for bolting on hydraulic equipment



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
BOLT-ON ADAPTER-M4	Depending on equipment	-

Trapezoidal bucket with 65° angles

Bucket for creating profiled ditches

Dimensions:

- Large base (GB) = 1000 mm
- Beam height (HSP) = 600 mm
- Small base (PB) = 300 mm
- Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
TTP-M4-65°	Depending on equipment	-

4 x l bucket

Multi-purpose tool enabling various operations to be carried out with a single tool, such as: loading, snow removal, levelling, etc.

Dimensions:

- Width 1870 mm,
- 480 l capacity
- Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
4x1-M4-1870	Depending on equipment	-

Trapezoidal bucket with 58° angles

Bucket for creating profiled ditches

Dimensions:

- Large base (GB) = 1,180 mm
- Beam height (HSP) = 465 mm
- Small base (PB) = 400 mm
- Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
TTP-M4-58°	Depending on equipment	-

4 x l bucket

Multi-purpose tool enabling various operations to be carried out with a single tool, such as: loading, snow removal, levelling, etc.

Dimensions:

- Width 2200 mm,
- 570 l capacity
- Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
4x1-M4-2200	Depending on equipment	-

STANDARD TOOLS

Morin Original system coupler M4 for machines from 7.5t to 10t
Couplers available on pages 18 to 30

(*) Weight variation of +/- 2% depending on equipment
Stock item ■

Ripper tooth

Ripper tooth for work on rocky terrain
R = 1,000 80 mm - 1 tooth Esco U25P



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5102437	125	-

Suspension link

Tool for single-axis articulation of products already fitted with a suspension system

Diameter 40 mm x Width 90 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
NOIX-M4	Depending on equipment	-

Universal joint

Tool for articulating, along two axes, a gripper, a grapple, an auger, etc.



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
UNIVERSAL JOINT-M4	Depending on equipment	-

Pin-on adapter

Tool for pinning your hydraulic equipment using two pins



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
BERCEAU-M4	Depending on size	-

Pallet forks

There are two versions of our pallet forks:

- A simple version, for attachment using a quick coupler only.
- A version with an arrangement on the front blade, allowing the pallet forks to be attached to the blade, for use on sites only.

Depending on the profile of the excavator blade, we are obliged to:

- Place the pallet forks on the blade using simple hooks: the pallet forks can then be shifted sideways depending on site requirements.
- Fix the pallet forks to the blade with an arrangement to be welded onto the blade: the pallet forks remain in a fixed position.

To order your pallet forks, please specify which version you require. For the second version, the decision to weld or place depends on the blade profile of your machine. 1,500 kg forks



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
LP-M4-SIMPLE	300	-
LP-M4-SUR LAME	350	-

SPECIAL TOOLS

Morin Original system coupler M4 for machines from 7.5t to 10t
Couplers available on pages 18 to 30

Non-exhaustive list. Please contact us for more information.

Some situations require special dimensions or configurations. That's why ACB+ is at your disposal for any specific requests. Our SPECIAL TOOLS are made to measure. So you have a choice of teeth, pitch, width, etc. Here are just a few examples.

(*) Weight variation of +/- 2% depending on equipment

Grid backhoe

Tool for sieving rubble and pebbles.
Grid backhoe 1,000 mm
4 teeth ESCO U20S - Pitch 100 x 100 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5108730	431	-

Grid ditch cleaning bucket

Tool for small jobs sorting materials on the ground over a broad strip.
Grid ditch cleaning bucket 1,100 mm
Pitch 100 x 100 mm - Profile without RBCB with sidewall



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5120199	245	-

Universal grading bucket

Finishing tool for rotating couplers and tiltrotators
Universal grading bucket 1500 mm
RBCB - 0.47m³ - Profile 4UP1



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5156691	362	-

Claw backhoe

Tool for gripping and manipulating objects -
Claw backhoe 900 mm
0.455m³ - 5 Teeth
MTG MA15U



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
CLAW BACKHOE	460	-

SPECIAL TOOLS

Morin Original system coupler M4 for machines from 7.5t to 10t
Couplers available on pages 18 to 30

(*) Weight variation of +/- 2% depending on equipment

Front and rear rake

A tool for small-scale forestry work to create swaths by pulling and pushing. Front and Rear Rake 1,600 mm 8 Claws - Pitch 200 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5129811	479	-

Grapple thumb

Hydraulic tool mounted directly under the dipperstick of an excavator to help pick up and place objects. Thumb Module 4



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
THUMB-M4	Depending on equipment	-

Stump grinder tooth

Tool for levelling (cutting) stumps and completing stump removal
Stump grinder - Double - R = 1036 - 60 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5158909	182	-

Reprofiling trapezoidal bucket

Bucket for reprofiling ditches

Dimensions:

- Large base (GB) = 1,200 mm
- Beam height (HSP) = 900 mm
- Small base (PB) = 350 mm
- Teeth can be welded on request



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5103514	335	-

MODULE 5



Classic hydraulic couplers 230 kg

Morin Original system coupler M5
for machines from 10t to 15t
Couplers available on pages 18 to 30

Morin Original system tool summary - Module 5

HD backhoes **136**

- Range 52 TB1 136
- Range 52 TB2 137
- Range 53 TB1 139
- Range 53 TB2 141

Banana buckets **143**

Fixed ditch cleaning buckets **144**

Tilt ditch cleaning buckets **145**

Standard tools **146**

Special tools **147**

Trapezoidal buckets **149**

Hydraulic kit for powering and controlling hydraulic coupler 5105978. More information on page 43.

In-cab display kit option page 20.

Machines assigned to this module

BRAND	MACHINES	BUCKET RANGE	TINE CLASS
CASE	CX130D CX145C-SR CX145D-SR	53	D20
CATERPILLAR	311F	52	D15
	313F M313D M315D2	52	D20
	313 313GC 315 315GC M314 M315 M315D M315F M316 M316F M317	53	D20
DEVELON	DX140LC-7K DX140LC-7 DX140-LCR-7 DX140W-7 DX190LC-7HT DX160W-7 DX165WR-7	52	D20
EUROMACH	R125 R125 BIGFOOT/FORESTER	53	D30
HIDROMEK	HMK140LC HMK140W HMK145LC	52	D20
HITACHI	ZX130-5G ZX130-7 ZX135US-7 ZX155W-7	53	D20
HYUNDAI	HW140A HX140AL HX145ALCR HX130ALCR	52	D20
JCB	JS115	52	D20
	JS130 JS145 JZ140 JZ141	53	D20
KAISER	S10 S12	52	D20
KATO IMER IHI	HD512-7 HD514MR-7	53	D20
KOBELCO ⁽⁹⁾	ED160-7	52	D20
	SK140SRLC-7	53	D20
KOMATSU	PC138US-11 PW148-11 PW158-11	53	D20
LIEBHERR	A916Compact R313	52	D15
	A914Li/Compact R914Compact A/R900C A916Li	53	D15
LIUGONG	915E	52	D15
NEW-HOLLAND	E135B E150B-BLADERUNNER	53	D15
SANY	SY135c SY155U SY155W	52	D20

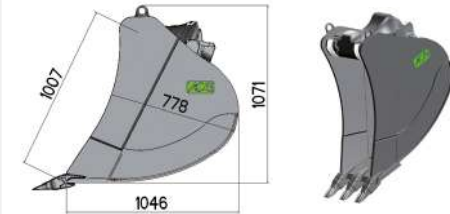
BRAND	MACHINES	BUCKET RANGE	TINE CLASS
SUNWARD	SWE155F	53	D20
TAKEUCHI	TB2150R	53	D20
VOLVO	EWRI30E	52	D20
	EC140E ECR145E EWR150E	53	D20
WACKER-NEUSON	ET145	53	D20

HD BACKHOES RANGE 52 TBI

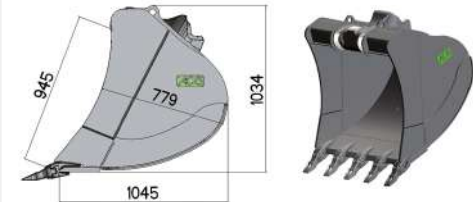
Morin Original system coupler M5
for machines from 10t to 15t
Couplers available on pages 18 to 30

Specially designed for construction and renovation work, HD BUCKETS offer the best performance for your application. The standard HD version can be reinforced with shields, side cutters, corner protectors, skids, plates, etc. Please don't hesitate to contact us for more information.

Profile 5CP2E Tapered



Profile 5CP1E



ESCO U20S

Thickness 25 mm • D15



FEURST FK3TLR

Thickness 25 mm • D20



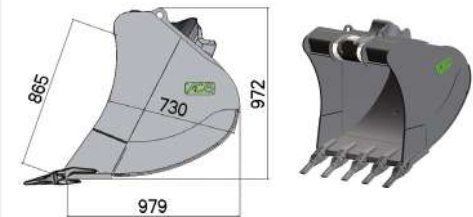
Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-5CP2E-400	400	245	315	756	-	3	U20S	3	FK3TLR
R-5CP2E-450	450	255	320	779	-	3	5117593	3	5090922
R-5CP1E-520	520	297	345	880	-	3	5084111	3	5104165
R-5CP1E-600	600	377	399	1078	-	4	5100699	4	5127126
R52-P1E-700	700	369	376	1040	-	4	U20S	4	FK3TLR
R52-P1E-800	800	441	404	1198	-	4	5100702	4	5127128
R52-P1E-900	900	514	435	1360	-	5	5084330	5	5104173
R52-P1E-1000	1000	588	481	1539	-	5	5114648	5	5087303
R52-P1E-1100	1100	662	519	1711	-	6	5117907	6	5083628
R52-P1E-1200	1200	736	519	1844	-	6	5084113	6	5154803

Profile 5CP2E Tapered

Profile 5CP1E

Profile 52PIE

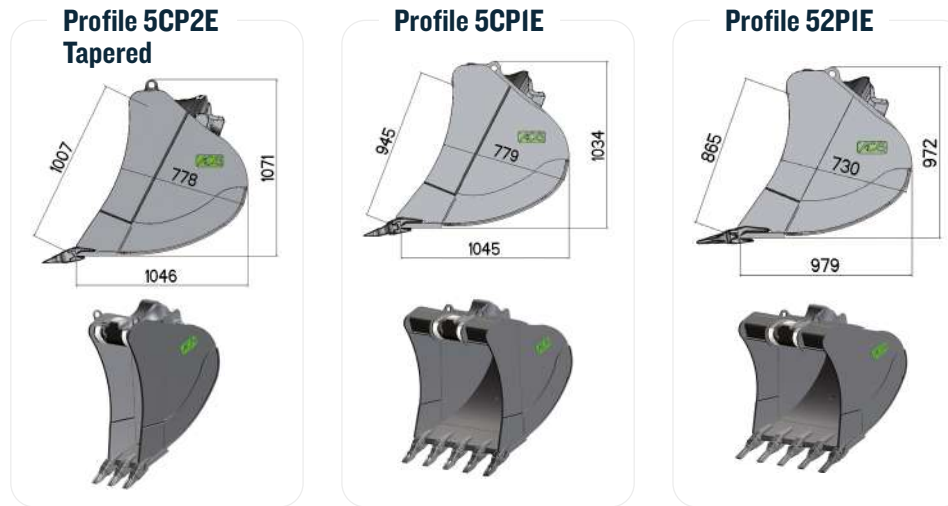


• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

HD BACKHOES RANGE 52 TB2

Morin Original system coupler M5
for machines from 10t to 15t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-5CP2E-400	400	245	322	763	-	3	1U3252	2	5085555	2	FT230S
R-5CP2E-450	450	255	327	786	-	3	1U3252	3	5085272	3	FT230S
R-5CP1E-520	520	297	362	897	-	3	5081532	3	5073798	3	5085407
R-5CP1E-600	600	377	412	1091	-	3	5110859	3	5073855	3	5083070
R52-PIE-700	700	369	389	1053	-	4	1U3252	3	5079348	3	FT230S
R52-PIE-800	800	441	426	1220	-	4	5109529	4	5079344	4	FT230S
R52-PIE-900	900	514	453	1378	-	4	1U3252	4	5079339	4	FT230S
R52-PIE-1000	1000	588	481	1539	-	5	1U3252	4	5079305	4	FT230S
R52-PIE-1100	1100	662	519	1711	-	5	5081533	5	5072932	5	5088048
R52-PIE-1200	1200	736	546	1871	-	5	5087901	5	5079366	5	FT230S

Profile 5CP2E Tapered

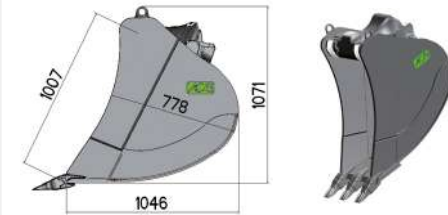
Profile 5CP1E

HD BACKHOES RANGE 52 TB2

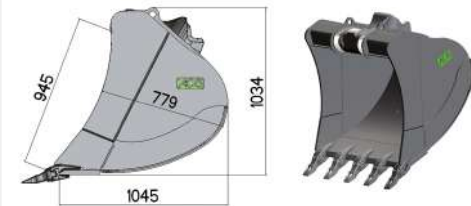
Morin Original system coupler M5
for machines from 10t to 15t
Couplers available on pages 18 to 30

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Profile 5CP2E Tapered



Profile 5CP1E



Bucket with teeth

KOMATSU P015SC
Thickness 30 mm • D20



MTG MA15U
Thickness 30 mm • D15

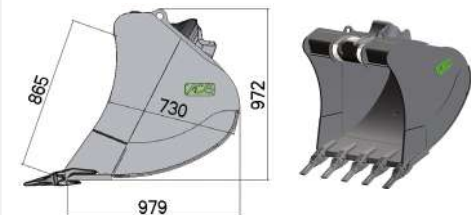


PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-5CP2E-400	400	245	318	759	-	2	P015SC	3	5147760
R-5CP2E-450	450	255	323	782	-	3	P015SC	3	5117280
R-5CP1E-520	520	297	359	894	-	3	P015SC	3	5131462
R-5CP1E-600	600	377	407	1086	-	3	P015SC	3	5146997
R52-P1E-700	700	369	389	1053	-	4	P015SC	4	MA15U
R52-P1E-800	800	441	426	1220	-	4	P015SC	4	5147761
R52-P1E-900	900	514	453	1378	-	5	P015SC	4	5150434
R52-P1E-1000	1000	588	481	1539	-	5	P015SC	5	5117281
R52-P1E-1100	1100	662	519	1711	-	5	P015SC	5	MA15U
R52-P1E-1200	1200	736	540	1865	-	5	P015SC	5	MA15U

Profile 5CP2E Tapered

Profile 5CP1E

Profile 52PIE

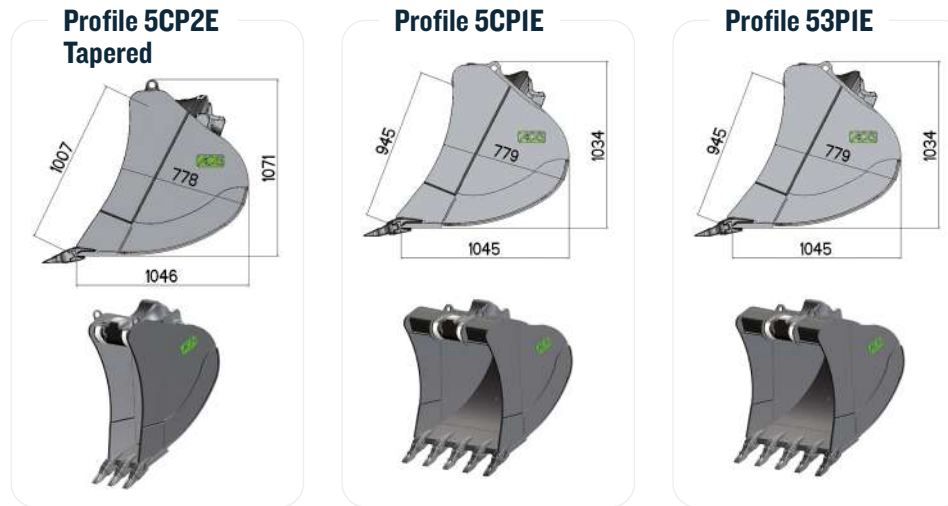


• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

HD BACKHOES RANGE 53 TBI

Morin Original system coupler M5
for machines from 10t to 15t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth



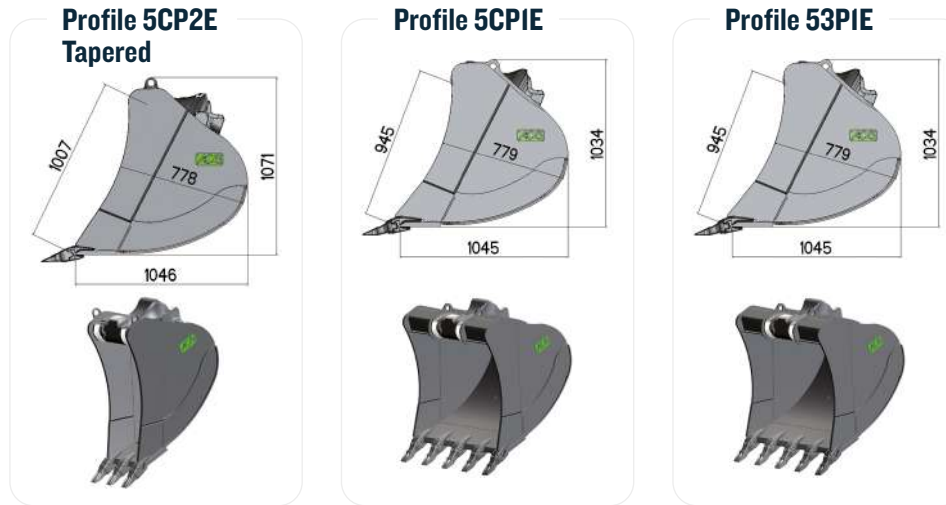
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-5CP2E-400	400	245	327	768	-	3	1U3252	2	5085555	2	5087473
R-5CP2E-450	450	255	322	781	-	3	1U3252	3	5085272	3	5088047
R-5CP1E-520	520	297	362	897	-	3	5081532	3	5073798	3	5087906
R-5CP1E-600	600	377	412	1091	-	3	5110859	3	5073855	3	5087475
R53-PIE-700	700	418	424	1176	-	4	1U3252	3	5078733	4	FK4TLR
R53-PIE-800	800	500	464	1364	-	4	1U3252	4	5078602	4	5093966
R53-PIE-900	900	584	494	1545	-	5	1U3252	4	5078629	4	FK4TLR
R53-PIE-1000	1000	668	525	1727	-	5	1U3252	4	5072929	5	5086399
R53-PIE-1100	1100	754	564	1921	-	5	1U3252	5	5078638	5	5087866
R53-PIE-1200	1200	839	595	2105	-	5	5086212	5	5078703	5	5080136

Profile 5CP2E Tapered

Profile 5CP1E

HD BACKHOES RANGE 53 TBI

Morin Original system coupler M5
for machines from 10t to 15t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

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Bucket with teeth



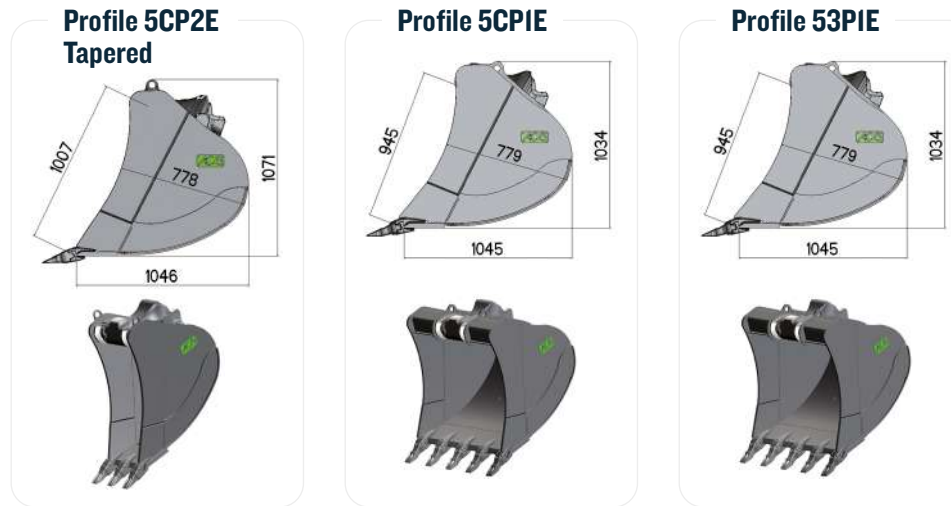
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-5CP2E-400	400	245	318	759	-	2	FT230S	2	P015SC	3	5147760
R-5CP2E-450	450	255	323	782	-	3	FT230S	3	P015SC	3	5117280
R-5CPIE-520	520	297	359	894	-	3	5085407	3	P015SC	3	5131462
R-5CPIE-600	600	377	407	1086	-	3	5083070	3	P015SC	3	5146997
R53-PIE-700	700	418	424	1176	-	3	FT230S	4	P015SC	4	MA15U
R53-PIE-800	800	500	464	1364	-	4	5085409	4	P015SC	4	MA15U
R53-PIE-900	900	584	494	1545	-	4	FT230S	5	P015SC	4	MA15U
R53-PIE-1000	1000	668	525	1727	-	4	FT230S	5	P015SC	5	5131463
R53-PIE-1100	1100	754	564	1921	-	5	5085410	5	P015SC	5	5146998
R53-PIE-1200	1200	839	593	2103	-	5	5083071	5	P015SC	5	5089081

Profile 5CP2E Tapered

Profile 5CPIE

HD BACKHOES RANGE 53 TB2

Morin Original system coupler M5
for machines from 10t to 15t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth



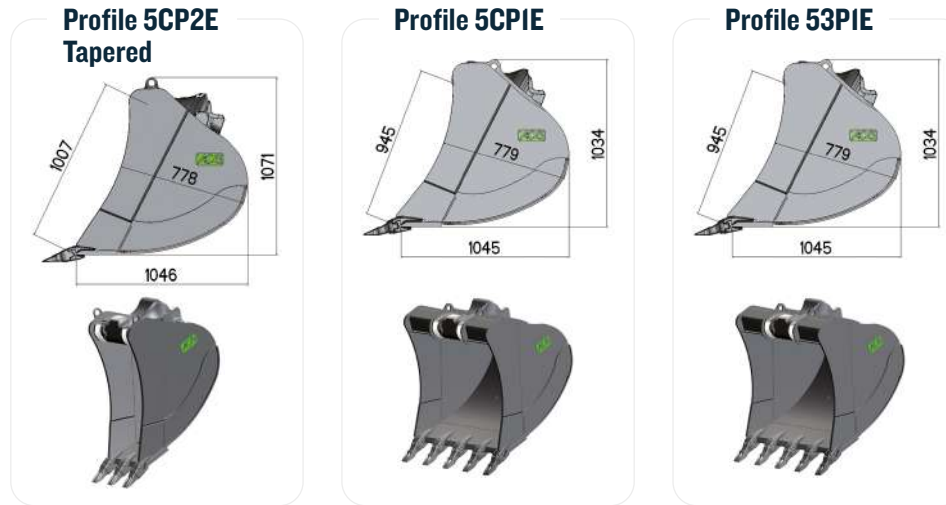
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-5CP2E-400	400	245	340	781	-	3	1U3302	3	R14GPE	2	5093653	2	5150668
R-5CP2E-450	450	255	343	802	-	3	1U3302	3	R14GPE	3	U30S	3	FK5TLR
R-5CP1E-520	520	297	368	903	-	3	5087579	3	R14GPE	3	5081670	3	5088886
R-5CP1E-600	600	377	430	1109	-	3	1U3302	3	R14GPE	3	5093656	3	5083497
R53-PIE-700	700	418	423	1175	-	4	1U3302	4	R14GPE	3	U30S	3	FK5TLR
R53-PIE-800	800	500	450	1350	-	4	1U3302	4	R14GPE	4	U30S	4	5086021
R53-PIE-900	900	584	500	1551	-	4	1U3302	5	R14GPE	4	5108551	4	5107425
R53-PIE-1000	1000	668	522	1724	-	5	1U3302	5	R14GPE	4	5105052	4	5105254
R53-PIE-1100	1100	754	561	1918	-	5	5135947	5	R14GPE	4	5083817	5	5086022
R53-PIE-1200	1200	839	600	2110	-	5	5117095	6	R14GPE	5	5081672	5	5112311

Profile 5CP2E Tapered

Profile 5CP1E

HD BACKHOES RANGE 53 TB2

Morin Original system coupler M5
for machines from 10t to 15t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Specially designed for construction and renovation work, HD BUCKETS offer the best performance for your application. The standard HD version can be reinforced with shields, side cutters, corner protectors, skids, plates, etc.

Bucket with teeth



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-5CP2E-400	400	245	337	778	-	2	5090813	2	P020SC	3	MA20U
R-5CP2E-450	450	255	343	802	-	2	FT290S	2	P020SC	3	5101811
R-5CPIE-520	520	297	374	909	-	3	FT290S	3	P020SC	3	MA20U
R-5CPIE-600	600	377	427	1106	-	3	5086458	3	P020SC	3	MA20U
R53-PIE-700	700	418	424	1176	-	3	FT290S	3	P020SC	3	MA20U
R53-PIE-800	800	500	464	1364	-	4	FT290S	3	P020SC	4	MA20U
R53-PIE-900	900	584	514	1565	-	4	5086459	4	P020SC	4	MA20U
R53-PIE-1000	1000	668	525	1727	-	4	FT290S	4	P020SC	4	MA20U
R53-PIE-1100	1100	754	564	1921	-	4	FT290S	4	P020SC	5	MA20U
R53-PIE-1200	1200	839	616	2126	-	5	5090815	5	P020SC	5	MA20U

Profile 5CP2E Tapered

Profile 5CPIE

BANANA BUCKETS

Morin Original system coupler M5 for machines from 10t to 15t
Couplers available on pages 18 to 30

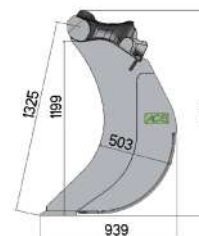
TINES	ITEM CODE	TINE CLASS	BLADE THICKNESS
PRICE TB1			
ESCO	U20S	D15	25 mm
FEURST	FK3TLR	D20	25 mm
PRICE TB2			
CAT	1U3252	D15	30 mm
ESCO	U25S	D20	30 mm
FEURST	FK4TLR	D30	30 mm
FUTURA	FT230S	D20	30 mm
KOMATSU	PO15RC	D20	30 mm
MTG	MA15U	D15	30 mm
PRICE TB3			
CAT	1U3302	D20	30 mm
C-REX	R14GPE	D20	30 mm
ESCO	U30S	D30	35 mm
FEURST	FK5TLR	D40	35 mm
FUTURA	FT290S	D30	30 mm
KOMATSU	PO20RC	D30	30 mm
MTG	MA20U	D20	35 mm

Thanks to its narrow width, the BANANA BUCKET is ideal for work requiring precision, such as small trenches or cable installation.

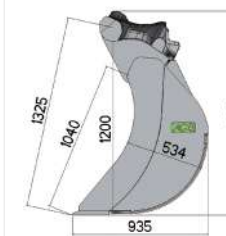
• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Profile 5CP5EL



Profile 5CP6EL



Profile 5CP5EL

⚠ Depth limited to 1,199 mm

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT TB1 (€)	PRICE EXCL. VAT TB2 (€)	PRICE EXCL. VAT TB3 (€)
5GL-5CP5EL-300	300	100	283	463	-	-	-

Profile 5CP6EL and 5CP6E

⚠ Depth limited to 1,200 mm for 5CP6EL profiles

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT TB1 (€)	PRICE EXCL. VAT TB2 (€)	PRICE EXCL. VAT TB3 (€)
5GL-5CP6EL-350	350	145	305	566	-	-	-
5GL-5CP6EL-400	400	145	310	571	-	-	-
5GL-5CP6E-450	450	206	348	719	-	-	-
5GL-5CP6E-500	500	182	330	658	-	-	-

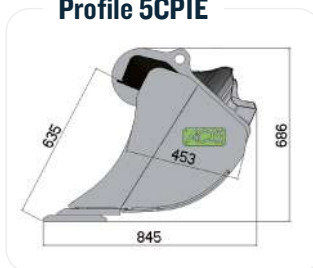
FIXED DITCH CLEANING BUCKETS

Morin Original system coupler M5
for machines from 10t to 15t
Couplers available on pages 18 to 30

The ditch cleaning bucket can be used for finishing work such as ditch cleaning, embanking, levelling and much more.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

Profile 5CP1E



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 25 mm



REVERSIBLE BOLT-ON COUNTER-BLADE + REAR BLADE

Thickness 25 mm



Profile 5CP1E

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM5-1600-5CP1E	1600	417	509	1260	-	5089688	550	1301	-	RBCB+LAR
CM5-1800-5CP1E	1800	489	557	1437	-	5081083	600	1480	-	5080557
CM5-2000-5CP1E	2000	530	605	1559	-	5081082	655	1609	-	5080880

Profile 5CP2E



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 25 mm



REVERSIBLE BOLT-ON COUNTER-BLADE + REAR BLADE

Thickness 25 mm



Profile 5CP2E

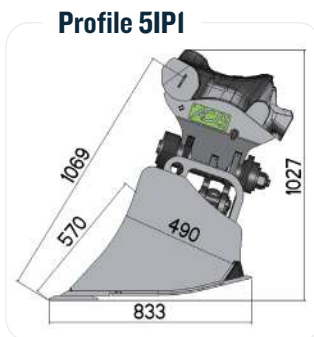
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM5-1600-5CP2E	1600	625	552	1641	-	RBCB	591	1680	-	5120894
CM5-1800-5CP2E	1800	712	604	1930	-	5081080	647	1929	-	5080350
CM5-2000-5CP2E	2000	772	655	2045	-	5080111	705	2095	-	5081076
CM5-2200-5CP2E	2200	883	706	2295	-	5080787	762	2351	-	5081077

TILT DITCH CLEANING BUCKETS

Morin Original system coupler M5
for machines from 10t to 15t
Couplers available on pages 18 to 30

The TILTING BUCKET can be used for finishing work such as ditch cleaning, embanking, levelling and much more. The tilting version is stable on the ground and remains upright to facilitate the next attachment.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg



Profile 5IPI 2 x 45° - 2 Cylinders

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
5IPI-1800	1800	471	652	1500	-	5117221	687	1535	-	5078427
5IPI-2000	2000	527	692	1641	-	5151575	732	1681	-	5080114

REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 25 mm



REVERSIBLE BOLT-ON COUNTER-BLADE + REAR BLADE

Thickness 25 mm



Profile 5CPI 2 x 45° - 2 Cylinders

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
5CPI-1800	1800	502	890	1794	-	5119298	950	1854	-	5074045
5CPI-2000	2000	562	947	1959	-	5087904	1016	2028	-	5079308
5CPI-2200	2200	622	1000	2120	-	RBCB	1078	2198	-	5079316

REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 25 mm



REVERSIBLE BOLT-ON COUNTER-BLADE + REAR BLADE

Thickness 25 mm



STANDARD TOOLS

Morin Original system coupler M5 for machines from 10t to 15t
Couplers available on pages 18 to 30

As a bucket isn't always enough, a range of TOOLS is available to meet all your needs. For more information, please refer to the attached product specification sheets or contact us.

(*) Weight variation of +/- 2% depending on equipment | Stock item

Ripper tooth

Ripper tooth for work on rocky terrain
R = 1 153 60 mm - 1 tooth ESCO U30P



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5082097	214	-

Universal joint

Tool for articulating, along two axes, a gripper, a grapple, an auger, etc.



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
UNIVERSAL JOINT-M5	Depending on equipment	-

Suspension link

Tool for single-axis articulation of products already fitted with a suspension system



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
NOIX-M5	Depending on size	-

4 x 1 bucket

Multi-purpose tool enabling various operations to be carried out with a single tool, such as: loading, snow removal, levelling, etc.

Dimensions:

- Width 1870 mm,
- 700 l capacity



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
4x1-M5	778	-

Bolt-on adapter

Tool for bolting on hydraulic equipment



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
BOLT-ON ADAPTER-M5	Depending on equipment	-

Pallet forks

There are two versions of our pallet forks:

- A simple version, for attachment using a quick coupler only.
- A version with an arrangement on the front blade, allowing the pallet forks to be attached to the blade, for use on sites only.

To order your pallet forks, please specify which version you require. For the second version, the decision to weld or place depends on the blade profile of your machine. Forks 3,000 kg.



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
LP-M5-SIMPLE	410	-
LP-M5-SUR LAME	460	-

SPECIAL TOOLS

Morin Original system coupler M5 for machines from 10t to 15t
Couplers available on pages 18 to 30

Non-exhaustive list. Please contact us for more information.

Some situations require special dimensions or configurations. That's why ACB+ is at your disposal for any specific requests. Our SPECIAL TOOLS are made to measure. So you have a choice of teeth, pitch, width, etc. Here are just a few examples.

(*) Weight variation of +/- 2% depending on equipment

Grid backhoe

Tool for sieving rubble and pebbles.
Grid backhoe 1,200 mm
5 teeth FEURST FTK4TLR - Pitch 100 x 100 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5084705	698	-

Universal grading bucket

Finishing tool for rotating couplers and tiltrotators
Universal grading bucket 1600 mm
RBCB - 0.53m³ - Profile 5UP1



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
CURAGE-UNIV-M5	690	-

Rear rake

Tool for small-scale forestry work to rake, swath and load stumps and branches
Rear Rake 2,200 mm -
9 teeth FEURST 24TLR - Pitch 180 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5084298	1001	-

Claw backhoe

Tool for gripping and manipulating objects -
Claw backhoe 1,100 mm
0.783m³ - 7 Teeth CAT 1U3352



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5109662	939	-

SPECIAL TOOLS

Morin Original system coupler M5 for machines from 10t to 15t
Couplers available on pages 18 to 30

Non-exhaustive list. Please contact us for more information.

Some situations require special dimensions or configurations. That's why ACB+ is at your disposal for any specific requests. Our SPECIAL TOOLS are made to measure. So you have a choice of teeth, pitch, width, etc. Here are just a few examples.

(*) Weight variation of +/- 2% depending on equipment

Front and rear rake

A tool for small-scale forestry work to create swaths by pulling and pushing. Front and Rear Rake 910 mm 5 Claws - Pitch 180 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
PEIGNE-DOUBLE-M5	657	-

Grapple thumb

Hydraulic tool mounted directly under the dipperstick of an excavator to help pick up and place objects.
Thumb Module 5



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
THUMB-M5	Depending on equipment	-

Stump grinder tooth

Tool for levelling (cutting) stumps and completing stump removal
Double stump grinder
R=932 - 60mm -



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5148470	291	-

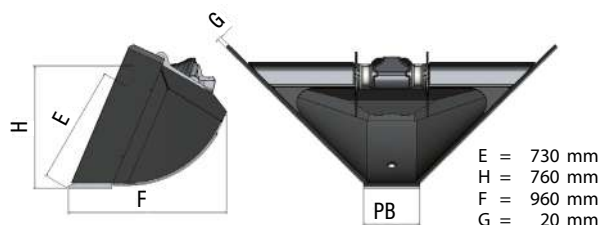
TRAPEZOIDAL BUCKETS

Morin Original system coupler M5 for machines from 10t to 15t
Couplers available on pages 18 to 30

TRAPEZOIDAL BUCKETS have been designed for creating, cleaning and finishing ditches. To adapt to all types of terrain and configurations, numerous variants are available. For more information, please refer to the attached product specification sheets or contact us.

Trapezoidal buckets with 45° angles

Buckets for creating profiled ditches - with teeth.
Angle: 45° (1 for 1)



E = 730 mm
H = 760 mm
F = 960 mm
G = 20 mm

Profile 1

SMALL LOW (mm)	ITEM CODE	PRICE EXCL. VAT (€)
400	TC-5-P1-45-400	-
500	TC-5-P1-45-500	-
600	TC-5-P1-45-600	-

Profile 2



SMALL LOW (mm)	ITEM CODE	PRICE EXCL. VAT (€)
350	TC-5-45-350	-
400	TC-5-45-400	-
450	TC-5-45-450	-
500	TC-5-45-500	-
550	TC-5-45-550	-

Trapezoidal buckets with 33° angles

Buckets for creating profiled ditches - with teeth.
Angle: 33° (3 for 2)



SMALL LOW (mm)	ITEM CODE	PRICE EXCL. VAT (€)
350	TC-5-33-350	-
400	TC-5-33-400	-
450	TC-5-33-450	-
500	TC-5-33-500	-
550	TC-5-33-550	-

TRAPEZOIDAL BUCKETS

Morin Original system coupler M5
for machines from 10t to 15t
Couplers available on pages 18 to 30

TRAPEZOIDAL BUCKETS have been designed for creating, cleaning and finishing ditches. To adapt to all types of terrain and configurations, numerous variants are available. For more information, please refer to the attached product specification sheets or contact us.

Reprofiling trapezoidal bucket - Wide angle

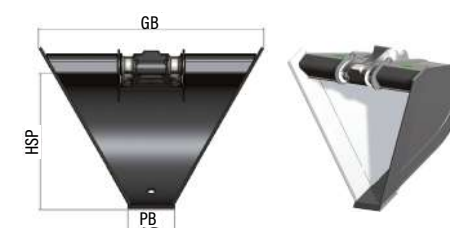
Buckets for creating profiled ditches - without teeth.



LARGE LOW (mm)	SMALL LOW (mm)	PRICE EXCL. VAT (€)
from 800 mm to 1,500 mm	200	-
	300	-
	400	-
	450	-
	500	-

Reprofiling trapezoidal bucket - Narrow angle

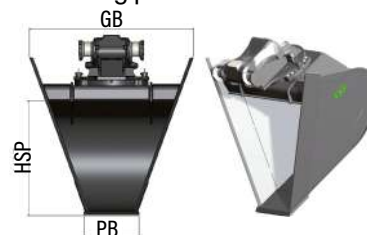
Buckets for creating profiled ditches - without teeth.



LARGE LOW (mm)	SMALL LOW (mm)	PRICE EXCL. VAT (€)
from 1,550 mm to 3,000 mm	200	-
	300	-
	400	-
	450	-
	500	-

Rotating reprofiling trapezoidal bucket 2 x 45° Wide angle

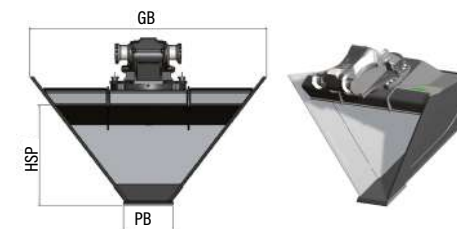
Buckets for creating profiled ditches - without teeth.



LARGE LOW (mm)	SMALL LOW (mm)	PRICE EXCL. VAT (€)
from 1,000 mm to 1,500 mm	200	-
	300	-
	400	-
	450	-
	500	-

Rotating reprofiling trapezoidal bucket 2 x 45° Narrow angle

Buckets for creating profiled ditches - without teeth.



LARGE LOW (mm)	SMALL LOW (mm)	PRICE EXCL. VAT (€)
from 1,550 mm to 2,000 mm	200	-
	300	-
	400	-
	450	-
	500	-

MODULE 6



Classic hydraulic couplers 327 kg

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30

Morin Original system tool summary - Module 6

HD backhoes **152**

- Range 61 TB1 152
- Range 61 TB2 154
- Range 61 TB3 157
- Range 62 TB1 159
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Banana buckets **164**

Fixed ditch cleaning buckets **165**

Tilt ditch cleaning buckets **167**

Standard tools **169**

Special tools **170**

Trapezoidal buckets **172**

Hydraulic kit for powering and controlling hydraulic coupler 5105978. **More information on page 43.**

In-cab display kit option page 20.

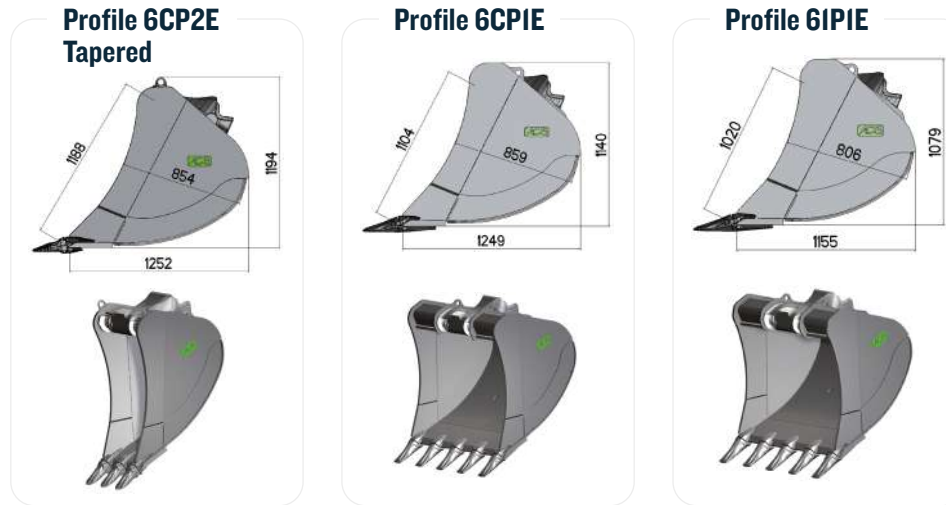
Machines assigned to this module

BRAND	MACHINES	BUCKET RANGE	TINE CLASS
CASE	CX160B/C/D CX180/C/D	61	D20
	CX210C CX210D CX230D CX245D	62	D30
	CX240 CX250D	62	D40
CATERPILLAR	M318F	60	D30
	315B 315C 315D 316E 316F 317B 318E 318F M318NG	61	D30
	320GC FROM 2018 TIMB&B1	62	D30
	320F-L 323 (new generation) 323F-L 325 325F-L 340LRE 352LRE NG TIM "B" & "B1" 320 323 325 326	63	D30
DEVELON	DX210-7 DX210NLC-7 DX225LC-7 DX225LC-7X DX235LCR-7 DX190W-7 DX210W-7 DX255LC-5 DX255LC-7	62	D40
HIDROMEK	HMK220 LC3	62	D40
HITACHI	ZX170W-5A	61	D20
	ZX180W-7	61	D30
	ZX210-7 ZX210W-5A ZX225US/USR	62	D40
HYUNDAI	HX180AL	61	D20
	HW210A HX220AL HX235CLR	62	D40
JCB	JS160 JS175 JS180LC JS190	61	D20
	JS220 JS245X	62	D30
KATO IMER IHI	HD823MR-7	62	D40
KOBELCO ⁽¹⁾	SK180LC-11	61	D20
	SK230SRLC-7	61	D30
	SK270SRNLC-7	62	D30

BRAND	MACHINES	BUCKET RANGE	TINE CLASS
KOBELCO ⁽¹⁾	SK210LC-11 SK260SRNLC-3 SK260LC-11	62	D40
	SK270SRLC-5 SK270SRNLC-5	62	D30
KOMATSU	PC170LC-11 PW180-11 PW198-11	61	D20
	HB215	62	D30
	PC210LC/LNC-11 PC240LC/NLC-11	62	D40
LIEBHERR	A918Li/Compact R918Li R920Compact	61	D20
	A920litronic	61	D30
	A/R922 LH35M R920 R924Compact R926Compact A902LITRONIC A904 R912LITRONIC R904C R912 R2922LI DEMOL	62	D30
	A924litronic A928litronic R922G8 R924 (3B) R926 SEALED BEARING	62	D40
	R926 Classic-Advanced R924G8 R926-III-IV-V	63	D40
LIUGONG	CLG922E	61	D30
	926F	62	D30
	925E	62	D40
SANY	SY215C	62	D40
VOLVO	EC180E EW170E EW160E	61	D20
	EW180E	61	D30
	ECR235E	62	D30
	EC200EL EC220E	62	D40
	EC240/B/C EC250E	63	D40

HD BACKHOES RANGE 6I TBI

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Specially designed for construction and renovation work, HD BUCKETS offer the best performance for your application. The standard HD version can be reinforced with shields, side cutters, corner protectors, skids, plates, etc.

Bucket with teeth



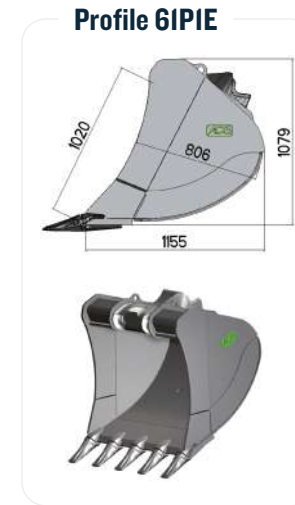
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-6CP2E-400	400	433	478	1257	-	2	K80	3	R14GPE	2	U25S
R-6CP2E-500	500	386	477	1172	-	2	5076693	3	R14GPE	3	5074208
R-6CPIE-620	620	492	550	1436	-	3	5067559	3	R14GPE	3	5068882
R-6CPIE-700	700	518	520	1452	-	3	K80	4	R14GPE	3	U25S
R-6CPIE-800	800	596	579	1652	-	3	5070186	4	R14GPE	4	5087953
R-6CPIE-900	900	697	619	1874	-	4	K80	5	R14GPE	4	5067834
R6I-PIE-1000	1000	719	738	2032	-	4	K80	5	R14GPE	4	5068883
R6I-PIE-1100	1100	812	683	2145	-	5	5094360	5	R14GPE	5	5069860
R6I-PIE-1200	1200	905	727	2356	-	5	5070169	6	R14GPE	5	5071821
R6I-PIE-1300	1300	999	764	2562	-	5	5067987	6	R14GPE	5	5087943

Profile 6CP2E Tapered

Profile 6CPIE

HD BACKHOES RANGE 61 TBI

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30



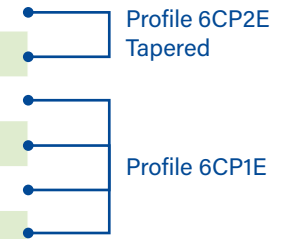
• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth

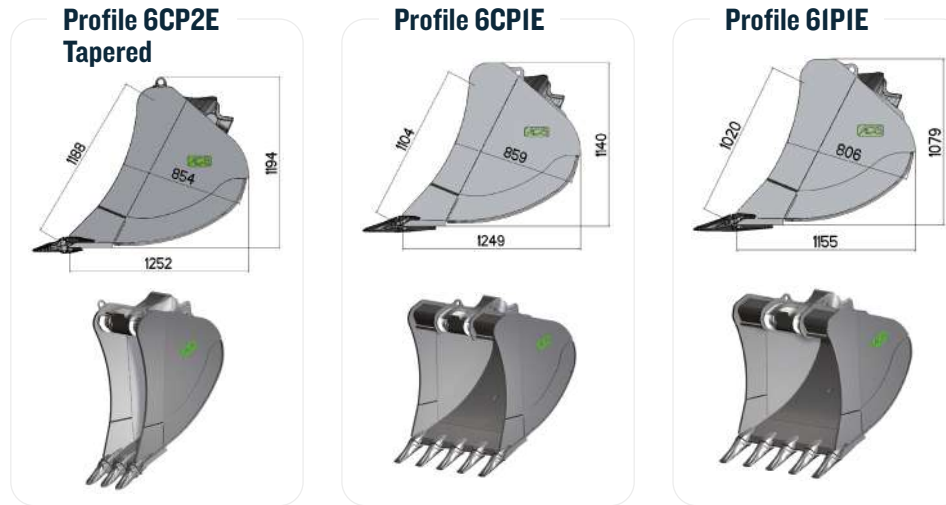


PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-6CP2E-400	400	433	478	1257	-	2	FK4TLR	2	5079281
R-6CP2E-500	500	386	477	1172	-	3	FK4TLR	3	FT230S
R-6CP1E-620	620	492	529	1415	-	3	5074223	3	5076806
R-6CP1E-700	700	518	520	1452	-	4	FK4TLR	3	FT230S
R-6CP1E-800	800	596	565	1638	-	4	5077433	4	5092727
R-6CP1E-900	900	697	664	1919	-	4	FK4TLR	4	FT230S
R61-PIE-1000	1000	719	738	2032	-	5	FK4TLR	4	FT230S
R61-PIE-1100	1100	812	683	2145	-	5	5108004	5	FT230S
R61-PIE-1200	1200	905	690	2319	-	5	5074224	5	5076773
R61-PIE-1300	1300	999	764	2562	-	6	5124576	6	FT230S



HD BACKHOES RANGE 6I TB2

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Specially designed for construction and renovation work, HD BUCKETS offer the best performance for your application. The standard HD version can be reinforced with shields, side cutters, corner protectors, skids, plates, etc.

Bucket with teeth



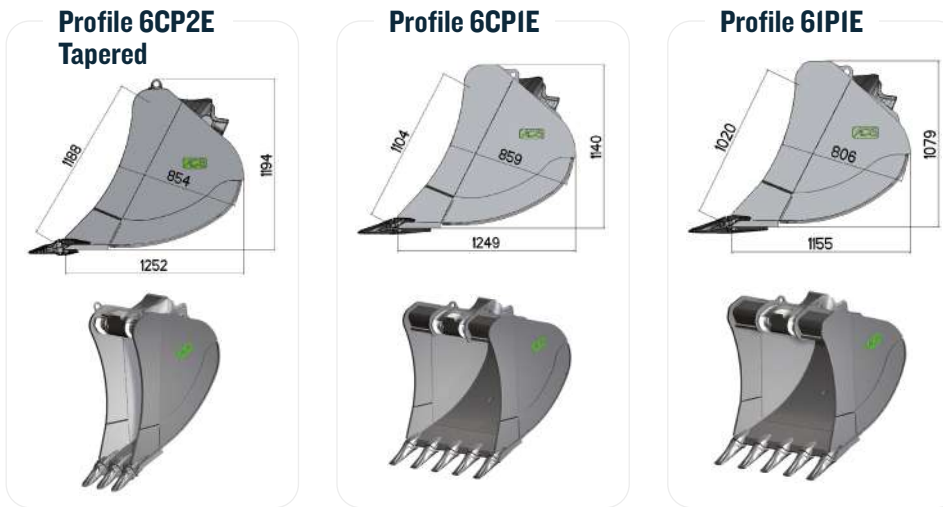
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-6CP2E-400	400	433	495	1274	-	2	1U3352	2	CA90	2	5074575
R-6CP2E-500	500	386	489	1184	-	3	1U3352	2	CA90	2	5076733
R-6CPIE-620	620	492	553	1439	-	3	5070098	3	CA90	3	5068040
R-6CPIE-700	700	518	563	1495	-	3	5125651	3	CA90	3	5094035
R-6CPIE-800	800	596	596	1669	-	4	5124145	3	CA90	4	5082402
R-6CPIE-900	900	697	658	1913	-	4	1U3352	4	CA90	4	5064716
R6I-PIE-1000	1000	719	639	1933	-	4	5065363	4	CA90	4	5064245
R6I-PIE-1100	1100	812	675	2137	-	5	1U3352	4	CA90	4	5065934
R6I-PIE-1200	1200	905	731	2360	-	5	5085307	4	CA90	5	5065906
R6I-PIE-1300	1300	999	769	2567	-	5	5093478	5	CA90	5	5065977

Profile 6CP2E Tapered

Profile 6CPIE

HD BACKHOES RANGE 61 TB2

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth



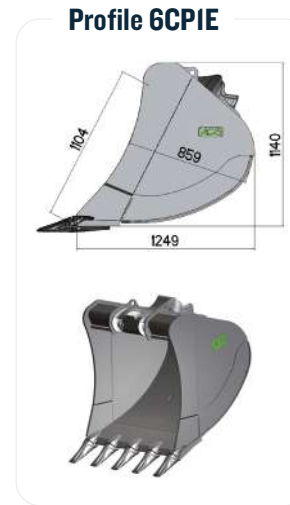
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-6CP2E-400	400	433	523	1302	-	2	5089565	2	FT290S	2	P020SC
R-6CP2E-500	500	386	507	1202	-	3	5070736	3	5093408	2	P020SC
R-6CPIE-620	620	492	555	1441	-	3	5070355	3	5079727	3	P020SC
R-6CPIE-700	700	518	563	1495	-	3	5070737	3	5085781	3	P020SC
R-6CPIE-800	800	596	590	1663	-	4	5070380	4	FT290S	3	P020SC
R-6CPIE-900	900	697	663	1918	-	4	5149343	4	FT290S	4	P020SC
R61-P1E-1000	1000	719	620	1914	-	4	5136396	4	FT290S	4	P020SC
R61-P1E-1100	1100	812	679	2141	-	5	5131926	4	5093409	4	P020SC
R61-P1E-1200	1200	905	712	2341	-	5	5070738	5	FT290S	5	P020SC
R61-P1E-1300	1300	999	773	2571	-	6	5124887	5	5078267	5	P020SC

Profile 6CP2E Tapered

Profile 6CPIE

HD BACKHOES RANGE 61 TB2

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth



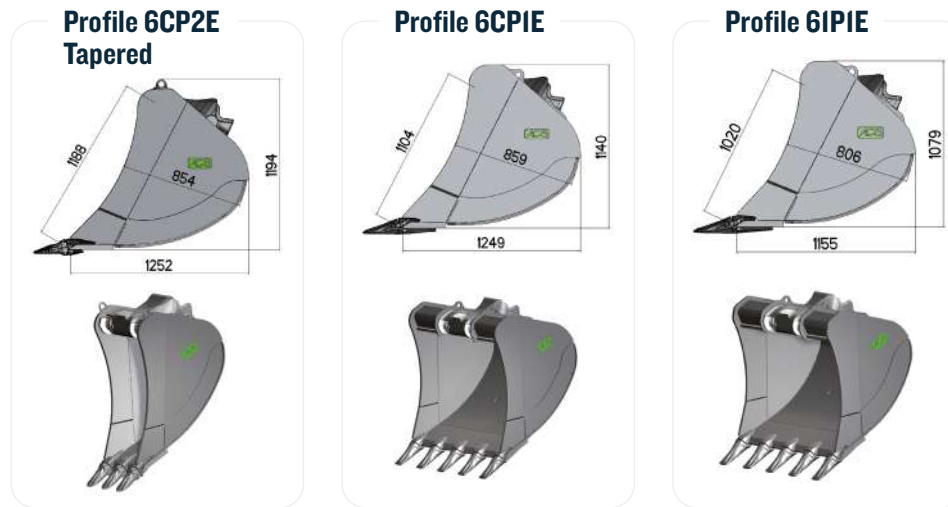
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-6CP2E-400	400	433	523	1302	-	2	MA20U	2	20GPE
R-6CP2E-500	500	386	507	1202	-	3	5150485	3	20GPE
R-6CPIE-620	620	492	555	1441	-	3	5131017	3	5093816
R-6CPIE-700	700	518	563	1495	-	3	MA20U	3	5109524
R-6CPIE-800	800	596	590	1663	-	4	5135627	3	20GPE
R-6CPIE-900	900	697	663	1918	-	4	MA20U	4	20GPE
R61-P1E-1000	1000	719	620	1914	-	4	MA20U	4	20GPE
R61-P1E-1100	1100	812	679	2141	-	5	MA20U	5	20GPE
R61-P1E-1200	1200	905	712	2341	-	5	5140778	5	5120771
R61-P1E-1300	1300	999	773	2571	-	5	MA20U	5	20GPE

Profile 6CP2E
Tapered

Profile 6CPIE

HD BACKHOES RANGE 61 TB3

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-6CP2E-400	400	433	510	1289	-	2	R23GPE	2	U35S
R-6CP2E-500	500	386	507	1202	-	3	R23GPE	2	5108080
R-6CP1E-620	620	492	562	1448	-	3	R23GPE	3	5062801
R-6CP1E-700	700	518	571	1503	-	3	R23GPE	3	5066079
R-6CP1E-800	800	596	607	1680	-	4	R23GPE	3	5066160
R-6CP1E-900	900	697	672	1927	-	4	R23GPE	4	5070530
R61-PIE-1000	1000	719	620	1914	-	4	R23GPE	4	U35S
R61-PIE-1100	1100	812	645	2107	-	5	R23GPE	4	5139647
R61-PIE-1200	1200	905	749	2378	-	5	R23GPE	4	5118013
R61-PIE-1300	1300	999	787	2585	-	5	R23GPE	5	5106744

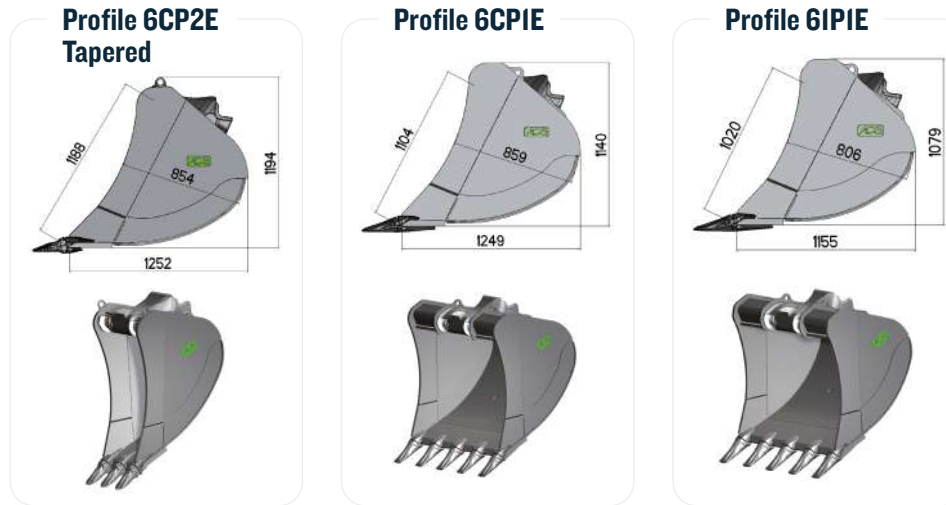


Profile 6CP2E Tapered

Profile 6CP1E

HD BACKHOES RANGE 6I TB3

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Specially designed for construction and renovation work, HD BUCKETS offer the best performance for your application. The standard HD version can be reinforced with shields, side cutters, corner protectors, skids, plates, etc.

Bucket with teeth



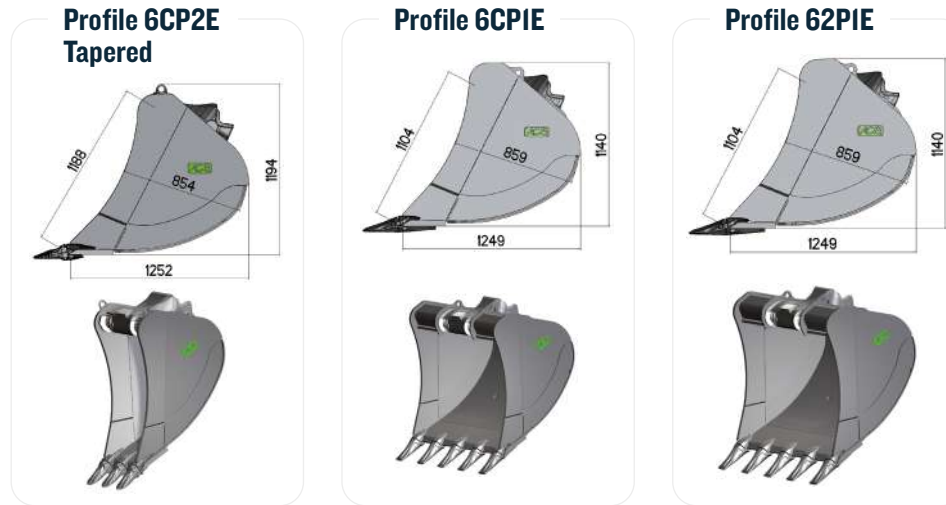
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-6CP2E-400	400	433	510	1289	-	2	5117997	2	SD7TLR	2	FT330S
R-6CP2E-500	500	386	507	1202	-	3	5124577	2	SD7TLR	2	5100294
R-6CPIE-620	620	492	562	1448	-	3	5075666	3	5075656	3	5125821
R-6CPIE-700	700	518	590	1503	-	3	5131739	3	5111263	3	FT330S
R-6CPIE-800	800	596	607	1680	-	3	5128133	3	5142322	3	5100293
R-6CPIE-900	900	697	672	1927	-	4	5149442	4	SD7TLR	4	FT330S
R61-PIE-1000	1000	719	620	1914	-	4	FK7TLR	4	SD7TLR	4	FT330S
R61-PIE-1100	1100	812	645	2107	-	5	FK7TLR	4	SD7TLR	4	FT330S
R61-PIE-1200	1200	905	749	2378	-	5	FK7TLR	4	SD7TLR	4	FT330S
R61-PIE-1300	1300	999	787	2585	-	5	FK7TLR	5	SD7TLR	5	FT330S

Profile 6CP2E Tapered

Profile 6CPIE

HD BACKHOES RANGE 62 TBI

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth



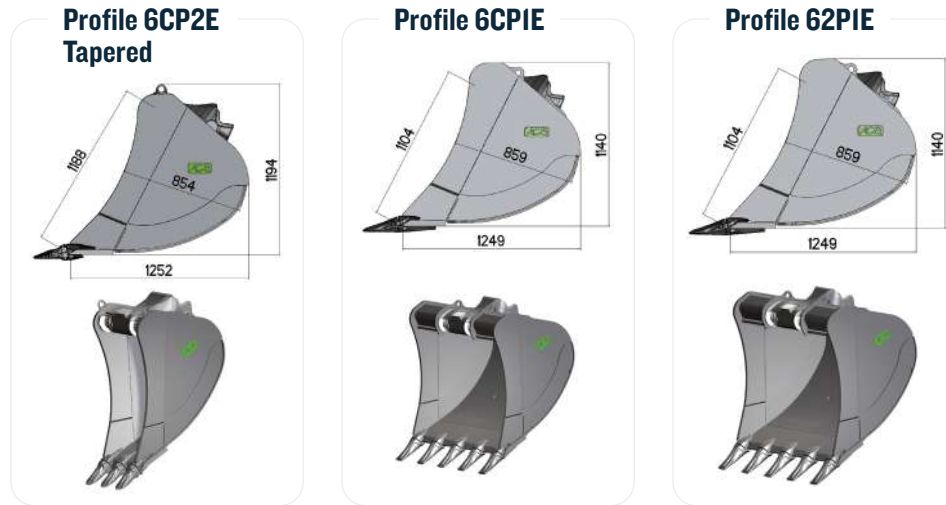
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-6CP2E-400	400	433	495	1274	-	2	1U3352	2	5074575	2	5089565
R-6CP2E-500	500	386	489	1184	-	2	1U3352	2	5076733	3	5070736
R-6CP1E-620	620	492	553	1439	-	3	5070098	3	5068040	3	5070355
R-6CP1E-700	700	518	563	1495	-	3	5125651	3	5094035	3	5070737
R-6CP1E-800	800	596	596	1669	-	4	5124145	4	5082402	4	5070380
R-6CP1E-900	900	697	658	1913	-	4	1U3352	4	5064716	4	5149343
R62-PIE-1000	1000	837	709	2216	-	4	5116263	4	5065471	4	5135819
R62-PIE-1200	1200	1058	811	2715	-	5	5139284	5	5064703	5	5070382
R62-PIE-1300	1300	1168	854	2956	-	5	5069894	5	5066339	5	5070378
R62-PIE-1400	1400	1279	896	3198	-	5	5070717	5	5068033	6	5070896

Profile 6CP2E Tapered

Profile 6CP1E

HD BACKHOES RANGE 62 TBI

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Specially designed for construction and renovation work, HD BUCKETS offer the best performance for your application. The standard HD version can be reinforced with shields, side cutters, corner protectors, skids, plates, etc.

Bucket with teeth



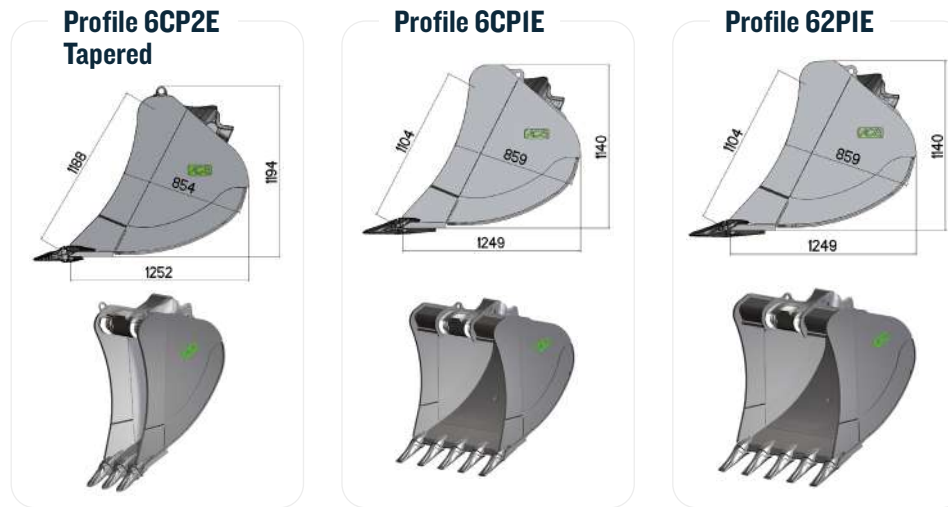
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-6CP2E-400	400	433	491	1270	-	2	FT290S	2	MA20U	2	21GPE
R-6CP2E-500	500	386	507	1202	-	3	5093408	3	5150485	3	21GPE
R-6CPIE-620	620	492	555	1441	-	3	5079727	3	5131017	3	21GPE
R-6CPIE-700	700	518	563	1495	-	3	5085781	3	MA20U	3	21GPE
R-6CPIE-800	800	596	588	1661	-	4	FT290S	4	5135627	3	21GPE
R-6CPIE-900	900	697	663	1918	-	4	FT290S	4	MA20U	4	21GPE
R62-PIE-1000	1000	837	701	2208	-	4	FT290S	4	5150436	4	21GPE
R62-PIE-1200	1200	1058	815	2719	-	5	5078437	5	5150486	5	21GPE
R62-PIE-1300	1300	1168	860	2963	-	5	5088038	5	MA20U	5	21GPE
R62-PIE-1400	1400	1279	904	3206	-	5	5076740	5	5135394	5	21GPE

Profile 6CP2E Tapered

Profile 6CPIE

HD BACKHOES RANGE 62 TB2

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-6CP2E-400	400	433	504	1283	-	2	CA90	2	R23GPE	2	U35S
R-6CP2E-500	500	386	500	1195	-	3	CA90	3	R23GPE	2	5108080
R-6CP1E-620	620	492	562	1448	-	3	CA90	3	R23GPE	3	5062801
R-6CP1E-700	700	518	571	1503	-	3	CA90	3	R23GPE	3	5066079
R-6CP1E-800	800	596	608	1681	-	3	CA90	4	R23GPE	3	5066160
R-6CP1E-900	900	697	672	1927	-	4	CA90	4	R23GPE	4	5070530
R62-PIE-1000	1000	837	744	2251	-	4	CA90	4	R23GPE	4	5130157
R62-PIE-1200	1200	1058	828	2732	-	4	CA90	5	R23GPE	4	5067505
R62-PIE-1300	1300	1168	871	2973	-	5	CA90	5	5139845	5	5067501
R62-PIE-1400	1400	1279	929	3231	-	5	CA90	6	R23GPE	5	5056924

Profile 6CP2E Tapered

Profile 6CP1E

HD BACKHOES RANGE 62 TB2

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count



Bucket with teeth

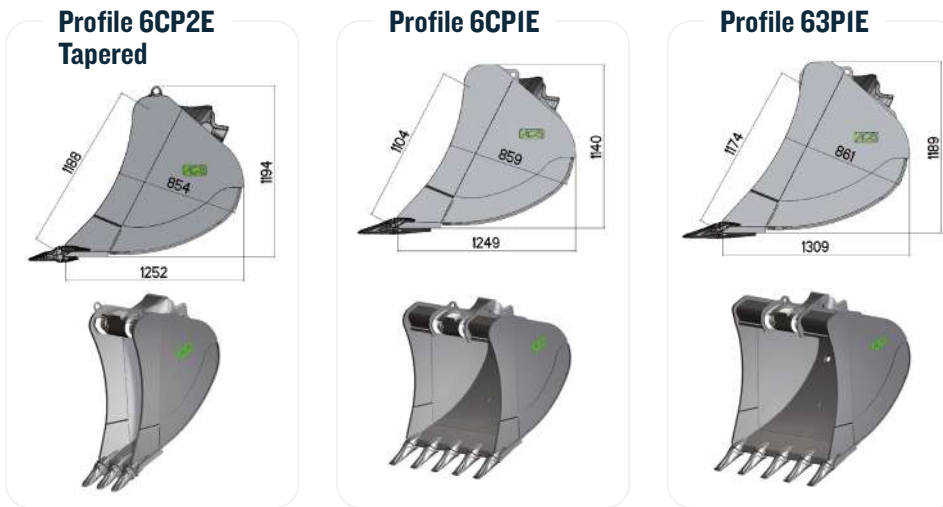
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-6CP2E-400	400	433	512	1291	-	2	5117997	2	SD7TLR	2	FT330S	2	5150457
R-6CP2E-500	500	386	507	1202	-	2	5124577	2	SD7TLR	2	5100294	2	MA30U
R-6CPIE-620	620	492	581	1467	-	3	5075666	3	5075666	3	5125821	3	5103978
R-6CPIE-700	700	518	583	1515	-	3	5131739	3	5111263	3	FT330S	3	MA30U
R-6CPIE-800	800	596	607	1680	-	3	5128133	3	5142322	3	5100293	3	MA30U
R-6CPIE-900	900	697	688	1943	-	4	5149442	4	SD7TLR	4	FT330S	4	5150458
R62-PIE-1000	1000	837	760	2267	-	4	FK7TLR	4	SD7TLR	4	FT330S	4	MA30U
R62-PIE-1200	1200	1058	832	2736	-	5	5086901	4	SD7TLR	4	5088375	5	5150449
R62-PIE-1300	1300	1168	904	3006	-	5	5075665	5	5072332	5	FT330S	5	5105253
R62-PIE-1400	1400	1279	938	3240	-	5	5064682	5	5069491	5	5079273	6	5089467

Profile 6CP2E Tapered

Profile 6CPIE

HD BACKHOES RANGE 63 TBI

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R-6CP2E-400	400	433	508	1287	-	2	U35S	2	5117997	2	5150457
R-6CP2E-500	500	386	504	1199	-	2	5108080	3	5124577	3	MA30U
R-6CP1E-620	620	492	569	1455	-	3	5062801	3	5075666	3	MA30U
R-6CP1E-700	700	518	581	1513	-	3	5066079	3	5131739	3	MA30U
R-6CP1E-800	800	596	603	1676	-	3	5066160	3	5128133	3	MA30U
R-6CP1E-900	900	697	685	1940	-	4	5070530	4	5149442	4	5150458
R63-PIE-1000	1000	837	752	2259	-	4	U35S	4	FK7TLR	4	MA30U
R63-PIE-1200	1200	1125	847	2872	-	4	5079732	4	5121608	4	MA30U
R63-PIE-1400	1400	1362	954	3406	-	5	5062892	5	5077532	6	5142280
R63-PIE-1500	1500	1481	999	3665	-	5	5061167	5	5114937	6	5111544
R63-PIE-1600	1600	1599	1055	3933	-	5	U35S	5	FK7TLR	6	5131768

Profile 6CP2E Tapered

Profile 6CP1E

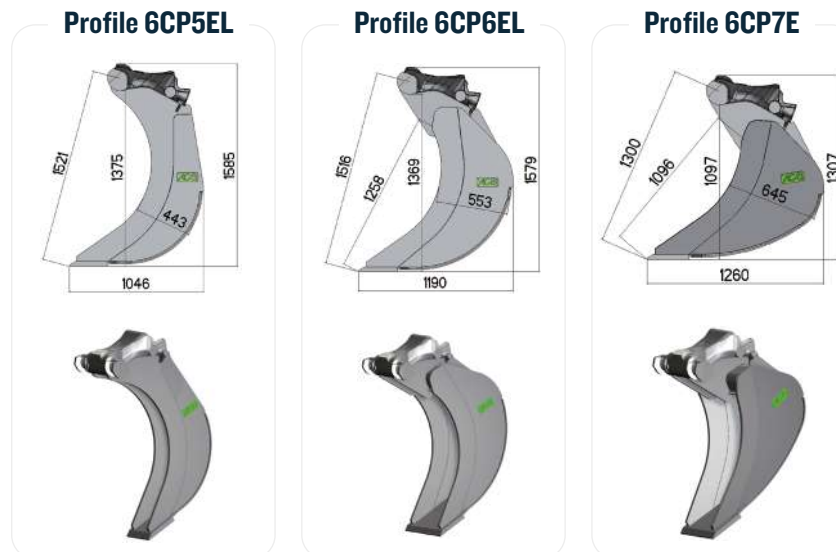
BANANA BUCKETS

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30

Thanks to its narrow width, the BANANA BUCKET is ideal for work requiring precision, such as small trenches or cable installation.

TINE CLASS: represents the range of break out forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness - (*) Weight variation of +/- 5% depending on equipment - Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average number of teeth



TINES	ITEM CODE	TINE CLASS	BLADE THICKNESS
PRICE TB1			
CAT	K80	D20	35 mm
C-REX	R14GPE	D20	40 mm
ESCO	U25S	D20	30 mm
FEURST	FK4TLR	D30	30 mm
FUTURA	FT230S	D20	30 mm
PRICE TB2			
CAT	K90	D30	40 mm
C-REX	R23GPE	D40	40 mm
ESCO	U30S	D30	35 mm
FEURST	FK5TLR	D40	35 mm
FUTURA	FT290S	D30	35 mm
KOMATSU	PO20RC	D30	40 mm
MTG	MA20U	D20	40 mm
VOLVO	20GPE	D20	40 mm
PRICE TB3			
CAT	J350 1U3352	D30	40 mm
ESCO	U35S	D40	40 mm
FEURST	26TLR	D40	40 mm
FEURST	FK7TLR	D40	40 mm
FEURST	SD7TLR	D40	40 mm
FUTURA	FT330S	D40	40 mm

Profile 6CP5EL

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT TB1 (€)	PRICE EXCL. VAT TB2 (€)	PRICE EXCL. VAT TB3 (€)
6GL-6CP5EL-250	250	142	374	630	-	-	-
6GL-6CP5EL-300	300	142	379	635	-	-	-

Profile 6CP6EL

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT TB1 (€)	PRICE EXCL. VAT TB2 (€)	PRICE EXCL. VAT TB3 (€)
6GL-6CP6EL-400	400	160	461	749	-	-	-
6GL-6CP6EL-500	500	234	506	927	-	-	-

Profile 6CP7E

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT TB1 (€)	PRICE EXCL. VAT TB2 (€)	PRICE EXCL. VAT TB3 (€)
6GL-6CP7E-350	350	199	450	808	-	-	-
6GL-6CP7E-450	450	239	496	926	-	-	-

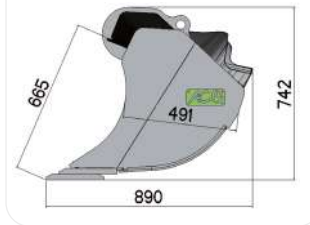
FIXED DITCH CLEANING BUCKETS

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30

The ditch cleaning bucket can be used for finishing work such as ditch cleaning, embanking, levelling and much more.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

Profile 6CPIE



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 25 mm



REVERSIBLE BOLT-ON COUNTER-BLADE + REAR BLADE

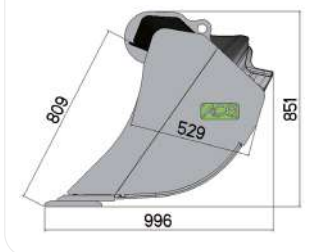
Thickness 25 mm



Profile 6CPIE

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM6-1800-6CPIE	1800	533	689	1648	-	5077444	750	1709	-	5075523
CM6-2000-6CPIE	2000	597	747	1822	-	5074003	817	1892	-	5071887
CM6-2200-6CPIE	2200	660	805	1993	-	5072962	882	2070	-	5072220
CM6-2400-6CPIE	2400	724	865	2168	-	5085336	948	2251	-	5066119

Profile 6CP2E



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 25 mm



REVERSIBLE BOLT-ON COUNTER-BLADE + REAR BLADE

Thickness 25 mm



Profile 6CP2E

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM6-1800-6CP2E	1800	743	750	2087	-	5070513	814	2151	-	5085308
CM6-2000-6CP2E	2000	870	812	2378	-	5067988	883	2449	-	5071067
CM6-2200-6CP2E	2200	964	875	2610	-	5071945	953	2688	-	5069921
CM6-2400-6CP2E	2400	1058	938	2842	-	5091134	1024	2928	-	5063429

FIXED DITCH CLEANING BUCKETS

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30

The ditch cleaning bucket can be used for finishing work such as ditch cleaning, embanking, levelling and much more.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

Profile 6CP3E



REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 25 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

+ REAR BLADE

Thickness 25 mm



Profile 6CP3E

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM6-1800-6CP3E	1800	970	812	2558	-	5086213	875	2621	-	5100295
CM6-2000-6CP3E	2000	1086	879	2834	-	5068034	950	2905	-	5070610
CM6-2200-6CP3E	2200	1205	946	3115	-	5070531	1024	3193	-	5069917
CM6-2400-6CP3E	2400	1323	1013	3394	-	5070254	1099	3480	-	5066169

TILT DITCH CLEANING BUCKETS

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30

The TILTING BUCKET can be used for finishing work such as ditch cleaning, embanking, levelling and much more. The tilting version is stable on the ground and remains upright to facilitate the next attachment.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

Profile 6CPI



Profile 6CPI 2 x 45° - 2 Cylinders

REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 25 mm



REVERSIBLE BOLT-ON COUNTER-BLADE

+ REAR BLADE Thickness 25 mm



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
6CPI-1800	1800	502	932	1836	-	5113333	992	1896	-	5078025
6CPI-2000	2000	562	991	2003	-	5114652	1061	2073	-	5067196
6CPI-2200	2200	622	1045	2165	-	5083621	1122	2242	-	5075643
6CPI-2400	2400	682	1140	2368	-	RBCB	1225	2453	-	LAR
6CPI-2500	2500	712	1190	2472	-	RBCB	1280	2562	-	5100434

REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 25 mm



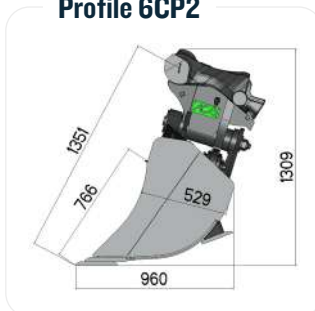
REVERSIBLE BOLT-ON COUNTER-BLADE

+ REAR BLADE Thickness 25 mm



Profile 6CP2 2 x 45° - 2 Cylinders

Profile 6CP2



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
6CP2-1800	1800	744	990	2329	-	5078570	1053	2392	-	5069550
6CP2-2000	2000	834	1049	2550	-	5082325	1120	2621	-	5067928
6CP2-2200	2200	923	1108	2769	-	5104944	1185	2846	-	5067197
6CP2-2400	2400	1013	1167	2990	-	5123425	1254	3077	-	5081099
6CP2-2500	2500	1045	1194	3075	-	RBCB	1284	3165	-	5081086

TILT DITCH CLEANING BUCKETS

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30

The TILTING BUCKET can be used for finishing work such as ditch cleaning, embanking, levelling and much more. The tilting version is stable on the ground and remains upright to facilitate the next attachment.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

Profile 6CP3



Profile 6CP3 2 x 45° - 2 Cylinders

REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 25 mm



REVERSIBLE BOLT-ON COUNTER-BLADE
+ REAR BLADE

Thickness 25 mm



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
6CP3-1800	1800	932	1058	2736	-	RBCB	1122	2800	-	5086902
6CP3-2000	2000	1045	1120	3001	-	5109936	1191	3072	-	5087359
6CP3-2200	2200	1158	1184	3268	-	5110036	1260	3344	-	5079733
6CP3-2400	2400	1270	1247	3533	-	RBCB	1333	3619	-	LAR
6CP3-2500	2500	1330	1278	3672	-	5147936	1367	3761	-	LAR

STANDARD TOOLS

Morin Original system coupler M6 for machines from 15t to 24t
Couplers available on pages 18 to 30

As a bucket isn't always enough, a range of TOOLS is available to meet all your needs. For more information, please refer to the attached product specification sheets or contact us.

(*) Weight variation of +/- 2% depending on equipment | Stock item

Ripper tooth

Ripper tooth for work on rocky terrain
R = 1,237 80 mm 1 tooth ESCO U40P



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5074866	315	-

Universal joint

Tool for articulating, along two axes, a gripper, a grapple, an auger, etc.



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
UNIVERSAL JOINT-M6	Depending on equipment	-

Suspension link

Tool for single-axis articulation of products already fitted with a suspension system



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
NOIX-M6	Depending on equipment	-

4 x 1 bucket

Multi-purpose tool enabling various operations to be carried out with a single tool, such as: loading, snow removal, levelling, etc.

Dimensions:

- Width 1870 mm,
- 700 l capacity



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
4x1-M6	787	-

Bolt-on adapter

Tool for bolting on hydraulic equipment



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
BOLT-ON ADAPTER-M6	Depending on equipment	-

Pallet forks

There are two versions of our pallet forks:

- A simple version, for attachment using a quick coupler only.
- A version with an arrangement on the front blade, allowing the pallet forks to be attached to the blade, for use on sites only.

To order your pallet forks, please specify which version you require. For the second version, the decision to weld or place depends on the blade profile of your machine. Forks 3,000 kg.



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
LP-M6-SIMPLE	530	-
LP-M6-SUR LAME	540	-

SPECIAL TOOLS

Morin Original system coupler M6 for machines from 15t to 24t
Couplers available on pages 18 to 30

Non-exhaustive list. Please contact us for more information.

Some situations require special dimensions or configurations. That's why ACB+ is at your disposal for any specific requests. Our SPECIAL TOOLS are made to measure. So you have a choice of teeth, pitch, width, etc. Here are just a few examples.

(*) Weight variation of +/- 2% depending on equipment

Grid backhoe

Tool for sieving rubble and pebbles.
Grid backhoe 1,400 mm
5 teeth FUTURA FT290S - Pitch 100 x 200 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5091832	979	-

Skeleton grid ditch cleaning bucket

Tool for screening, grading and recycling rubble on site
Skeleton grid ditch cleaning bucket 3,000 mm
16 teeth JCB 531-03205D - Pitch 40 x 80 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5100023	611	-

Universal grading bucket

Finishing tool for rotating couplers and tiltrotators
Universal grading bucket 1700 mm
RBCB - 0.98m3 - Profile 6UP



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5152505	853	-

Claw backhoe

Tool for gripping and manipulating objects - Claw backhoe
1,400 mm 1.3m3 -
7 Teeth CAT J352 1U3352



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5106868	1511	-

SPECIAL TOOLS

Morin Original system coupler M6 for machines from 15t to 24t
Couplers available on pages 18 to 30

(*) Weight variation of +/- 2% depending on equipment

Rear rake

Tool for small-scale forestry work to rake, swath and load stumps and branches

Rear Rake 2,200 mm -
8 teeth ESCO U30S - Pitch 198 m



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5100667	1006	-

Grapple thumb

Hydraulic tool mounted directly under the dipperstick of an excavator to help pick up and place objects.

Thumb Module 6



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
THUMB-M6	Depending on equipment	-

Front and rear rake

A tool for small-scale forestry work to create swaths by pulling and pushing. Front and Rear Rake 2,000 mm 7 Claws - Pitch 300 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5075120	1396	-

Stump grinder tooth

Tool for levelling (cutting) stumps and completing stump removal

Stump grinder -
R = 996 mm - 80 mm Double



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5075724	322	-

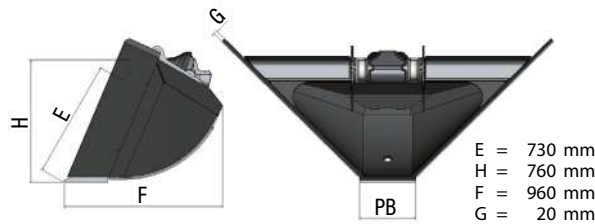
TRAPEZOIDAL BUCKETS

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30

TRAPEZOIDAL BUCKETS have been designed for creating, cleaning and finishing ditches. To adapt to all types of terrain and configurations, numerous variants are available. For more information, please refer to the attached product specification sheets or contact us.

Trapezoidal buckets with 45° angles

Buckets for creating profiled ditches - with teeth.
Angle: 45° (1 for 1)



E = 730 mm
H = 760 mm
F = 960 mm
G = 20 mm

Profile 1

SMALL LOW (mm)	ITEM CODE	PRICE EXCL. VAT (€)
400	TC-6-P1-45-400	-
500	TC-6-P1-45-500	-
600	TC-6-P1-45-600	-

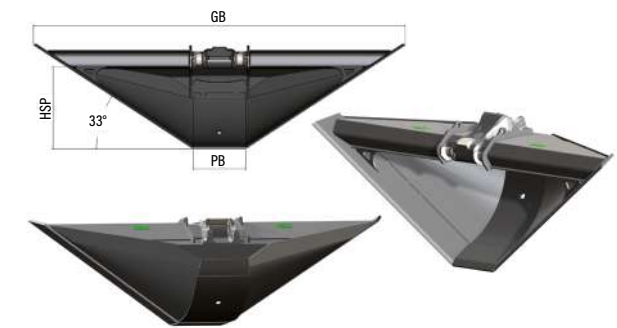


Profile 2

SMALL LOW (mm)	ITEM CODE	PRICE EXCL. VAT (€)
350	TC-6-45-350	-
400	TC-6-45-400	-
450	TC-6-45-450	-
500	TC-6-45-500	-
550	TC-6-45-550	-

Trapezoidal buckets with 33° angles

Buckets for creating profiled ditches - with teeth.
Angle: 33° (3 for 2)



SMALL LOW (mm)	ITEM CODE	PRICE EXCL. VAT (€)
350	TC-6-33-350	-
400	TC-6-33-400	-
450	TC-6-33-450	-
500	TC-6-33-500	-
550	TC-6-33-550	-

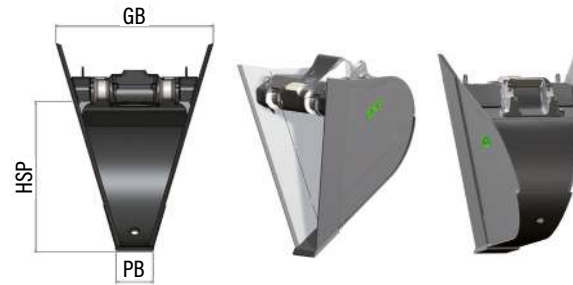
TRAPEZOIDAL BUCKETS

Morin Original system coupler M6 for machines from 15t to 24t
Couplers available on pages 18 to 30

(*) Weight variation of +/- 2% depending on equipment

Reprofiling trapezoidal bucket - Wide angle

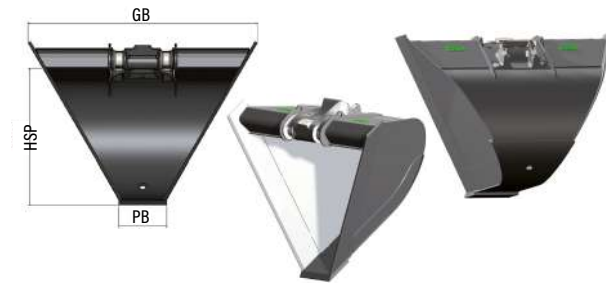
Buckets for creating profiled ditches - without teeth.



LARGE LOW (mm)	SMALL LOW (mm)	PRICE EXCL. VAT (€)
	200	-
	300	-
from 800 mm to 1,500 mm	400	-
	450	-
	500	-

Reprofiling trapezoidal bucket - Narrow angle

Buckets for creating profiled ditches - without teeth.



LARGE LOW (mm)	SMALL LOW (mm)	PRICE EXCL. VAT (€)
	200	-
	300	-
from 1,550 mm to 3,000 mm	400	-
	450	-
	500	-

Special trapezoidal bucket

Buckets for creating profiled ditches - without teeth.

Dimensions:

- Large base (GB) = 1,400 mm
- Beam height (HSP) = 700 mm
- Small base (PB) = 0 mm



ITEM CODE	WEIGHT (kg)	PRICE EXCL. VAT (€)
5070461	485	-

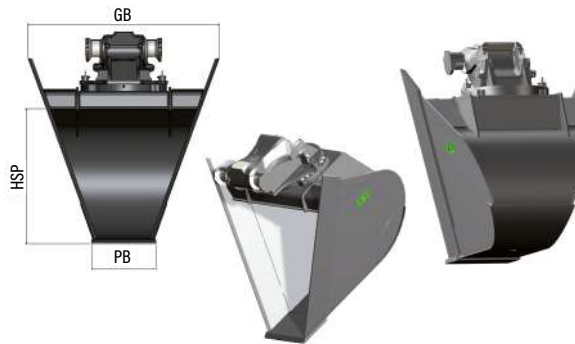
ROTATING TRAPEZOIDAL BUCKETS

Morin Original system coupler M6
for machines from 15t to 24t
Couplers available on pages 18 to 30

TRAPEZOIDAL BUCKETS have been designed for creating, cleaning and finishing ditches. To adapt to all types of terrain and configurations, numerous variants are available. For more information, please refer to the attached product specification sheets or contact us.

Rotating reprofiling trapezoidal buckets 2x45° wide angle

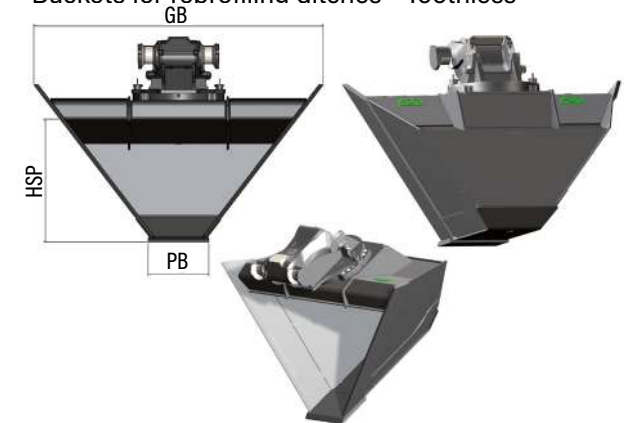
Buckets for reprofiling ditches - Toothless



LARGE LOW (mm)	SMALL LOW (mm)	PRICE EXCL. VAT (€)
from 1,000 mm to 1,500 mm	200	-
	300	-
	400	-
	450	-
	500	-

Rotating reprofiling trapezoidal buckets 2x45° narrow angle

Buckets for reprofiling ditches - Toothless



LARGE LOW (mm)	SMALL LOW (mm)	PRICE EXCL. VAT (€)
from 1,550 mm to 2,000 mm	200	-
	300	-
	400	-
	450	-
	500	-

MODULE 7



Classic hydraulic couplers 630kg

Morin Original system coupler M7
for machines from 24t to 50t
Couplers available on pages 18 to 30

Morin Original system tool summary - Module 7

HD backhoes **176**

Range 71 TB1	176
Range 71 TB2	178
Range 72 TB1	180
Range 72 TB2	181
Range 73 TB1	182
Range 73 TB2	183

Fixed ditch cleaning buckets **184**

Tilt ditch cleaning buckets **185**

Standard tools **187**

Special tools **188**

The module 7 range is evolving. Its new M7+ kit can now equip machines up to 50 tons.

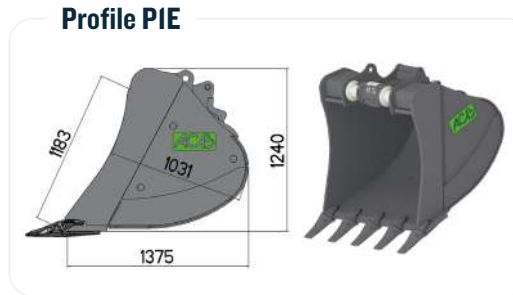
Hydraulic kit for powering and controlling hydraulic coupler 5105978. **More information on page 43.**

Machines assigned to this module

BRAND	MACHINES	COUPLER	BUCKET RANGE	TINE CLASS
CASE	CX350D CX370D	H7	72	D55
CATERPILLAR	330GC 330 STAGE V 335NG 336E DB 330D TB LME 340F UHD TIM DB 349E TIM TB 336D TB LME 336 FXE TB	H7 H7 H7+ H7+	71 72 72 73	D40 D55 D55 D65
DEVELON	DX300LC-7K DX300LC-7 SLR DX380LC-7K DX420LC-7K DX530LC-7K DX530LC-7 SLR	H7 H7 H7+	71 72 73	D40 D55 D65
HITACHI	ZX300LC-7 ZX250LC-7 ZX350LC-7 ZX490 LCH-7 ZX500LCH-3 ZX470LCH-5	H7 H7 H7+	71 72 73	D40 D55 D65
HYUNDAI	HX330AL HX380AL	H7	71	D55
KOBELCO ⁽¹⁾	SK300NLC-11 SK350NLC-11	H7 H7	71 71	D40 D55
KOMATSU	HB365LC-3 PC360LC/NLC-11 PC290LC-11 PC300-3 PC490-LC-11	H7 H7 H7+	71 72 73	D55 D55 D65
LIEBHERR	R934PE R934 LI R934B R936 R936COMPACT R936PE R954B MULTI USER R930 R930 SEALED BEARING R934 R938 R945G8 R946 R950 Demolition R950 SME	H7 H7 H7 H7+	71 72 72 73	D40 D40 D55 D65
LIUGONG	CLG930E	H7	71	D40
SANY	SY335C SY365C	H7 H7	71 72	D55 D55
VOLVO	EC300 EL ECR355 EC380E	H7 H7	71 72	D40 D55

HD BACKHOES RANGE 71 TBI

Morin Original system coupler M7
for machines from 24t to 50t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Example of an XHD design with optional skids, plates and corner shields. All our options are available on pages 44 and 45.



Specially designed for construction and renovation work, HD BUCKETS offer the best performance for your application. The standard HD version can be reinforced with shields, side cutters, corner protectors, skids, plates, etc.

Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	CAT CA100 220-9099		C-REX R23GPE		ESCO U35S	
						NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R71-P1E-850	850	800	929	2369	-	3	CA100	3	R23GPE	3	5132013
R71-P1E-1400	1400	1370	1317	3783	-	4	CA100	5	R23GPE	5	U35S
R71-P1E-1500	1500	1500	1375	4075	-	5	CA100	5	R23GPE	5	5132012
R71-P1E-1600	1600	1620	1438	4354	-	5	CA100	5	R23GPE	5	U35S
R71-P1E-1700	1700	1740	1520	4652	-	6	CA100	6	R23GPE	6	U35S

CAT CA100 220-9099
Thickness 45 mm • D40



C-REX R23GPE
Thickness 40 mm • D40

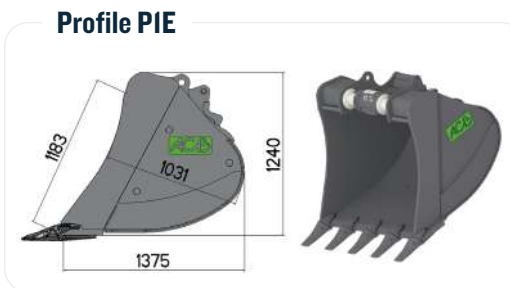


ESCO U35S
Thickness 40 mm • D40



HD BACKHOES RANGE 71 TBI

Morin Original system coupler M7
for machines from 24t to 50t
Couplers available on pages 18 to 30



- Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Example of an XHD design with optional skirts, plates and corner shields. All our options are available on pages 44 and 45.



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	NUMBER OF TEETH	ITEM CODE
R71-PIE-850	850	800	929	2369	-	3	MA40U
R71-PIE-1400	1400	1370	1317	3783	-	5	MA40U
R71-PIE-1500	1500	1500	1375	4075	-	5	MA40U
R71-PIE-1600	1600	1620	1438	4354	-	5	MA40U
R71-PIE-1700	1700	1740	1520	4652	-	6	MA40U

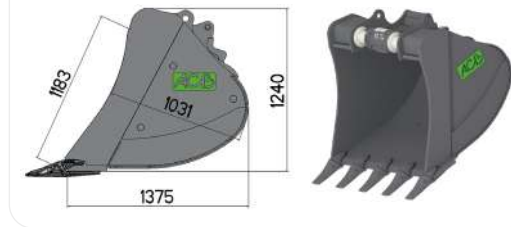
MTG MA40U
Thickness 40 mm • D40



HD BACKHOES RANGE 71 TB2

Morin Original system coupler M7
for machines from 24t to 50t
Couplers available on pages 18 to 30

Profile PIE



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Example of an XHD design with optional skids, plates and corner shields. All our options are available on pages 44 and 45.



Specially designed for construction and renovation work, HD BUCKETS offer the best performance for your application. The standard HD version can be reinforced with shields, side cutters, corner protectors, skids, plates, etc.

Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	C-REX R29GPE		ESCO U40S		FEURST FK7TLR	
						NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R71-P1E-850	850	800	979	2419	-	3	R29GPE	3	5144250	3	FK7TLR
R71-P1E-1400	1400	1370	1357	3823	-	5	R29GPE	5	U40S	5	FK7TLR
R71-P1E-1500	1500	1500	1415	4115	-	5	R29GPE	5	U40S	5	FK7TLR
R71-P1E-1600	1600	1620	1478	4394	-	5	R29GPE	5	5132154	5	FK7TLR
R71-P1E-1700	1700	1740	1554	4686	-	6	R29GPE	5	U40S	5	FK7TLR

C-REX R29GPE

Thickness 50 mm • D55



ESCO U40S

Thickness 45 mm • D55



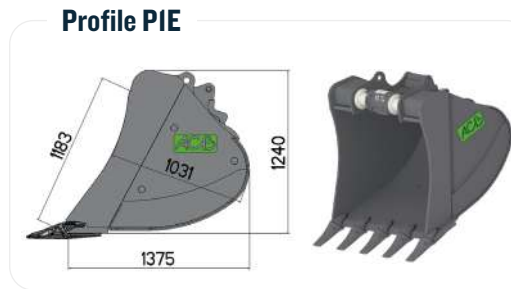
FEURST FK7TLR

Thickness 40 mm • D55



HD BACKHOES RANGE 71 TB2

Morin Original system coupler M7
for machines from 24t to 50t
Couplers available on pages 18 to 30



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Example of an XHD design with optional skirts, plates and corner shields. All our options are available on pages 44 and 45.



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	KOMATSU P030SC		MTG MA50U		VOLVO 55GPE	
						NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R71-PIE-850	850	800	979	2419	-	3	P030SC	3	MA50U	3	55GPE
R71-PIE-1400	1400	1370	1357	3823	-	5	P030SC	5	MA50U	5	55GPE
R71-PIE-1500	1500	1500	1415	4115	-	5	P030SC	5	MA50U	5	55GPE
R71-PIE-1600	1600	1620	1478	4394	-	5	P030SC	5	MA50U	5	55GPE
R71-PIE-1700	1700	1740	1554	4686	-	5	P030SC	5	MA50U	5	55GPE

KOMATSU P030SC

Thickness 45 mm • D55



MTG MA50U

Thickness 50 mm • D55



VOLVO 55GPE

Thickness 50 mm • D55



HD BACKHOES RANGE 72 TBI

Morin Original system coupler M7
for machines from 24t to 50t
Couplers available on pages 18 to 30

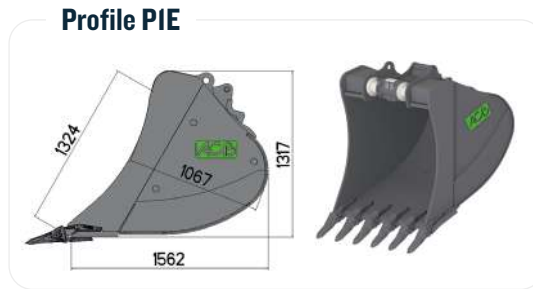
Specially designed for construction and renovation work, HD BUCKETS offer the best performance for your application. The standard HD version can be reinforced with shields, side cutters, corner protectors, skids, plates, etc.

Example of an XHD design with optional skids, plates and corner shields. All our options are available on pages 44 and 45.



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.
Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth



FEURST FK7TLR

Thickness 40 mm • D55



ESCO U40S

Thickness 45 mm • D55



MTG MA50U

Thickness 50 mm • D55



VOLVO 55GPE

Thickness 45 mm • D55

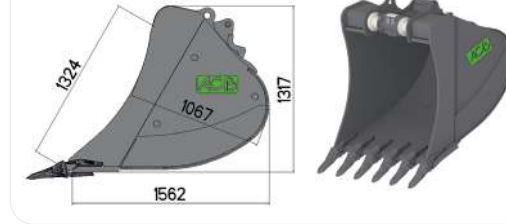


PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	FEURST FK7TLR		ESCO U40S		MTG MA50U		VOLVO 55GPE	
						NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R72-PIE-850	850	900	994	2614	-	3	FK7TLR	3	U40S	3	MA50U	3	55GPE
R72-PIE-1000	1000	1140	1191	3243	-	4	FK7TLR	4	U40S	4	MA50U	4	55GPE
R72-PIE-1300	1300	1480	1410	4074	-	4	FK7TLR	5	U40S	5	MA50U	5	55GPE
R72-PIE-1500	1500	1780	1548	4752	-	5	FK7TLR	5	U40S	5	MA50U	5	55GPE
R72-PIE-1600	1600	1930	1621	5095	-	5	FK7TLR	5	5132182	5	MA50U	5	55GPE
R72-PIE-1700	1700	2090	1690	5452	-	6	FK7TLR	6	U40S	6	MA50U	6	55GPE

HD BACKHOES RANGE 72 TB2

Morin Original system coupler M7
for machines from 24t to 50t
Couplers available on pages 18 to 30

Profile PIE



Example of an XHD design with optional skids, plates and corner shields. All our options are available on pages 44 and 45.



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Bucket with teeth

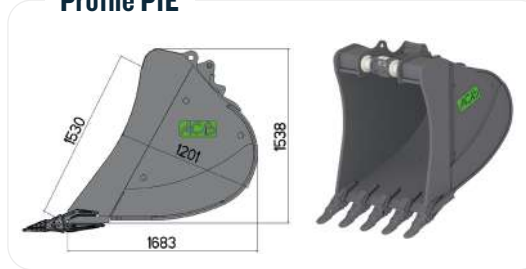


PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	C-REX R29GPE		ESCO U45S		FEURST FK9TLR		KOMATSU P040SC		VOLVO 65GPE	
						NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R72-PIE-850	850	900	1023	2643	-	3	R29GPE	3	U45S	3	5145210	3	P040SC	3	65GPE
R72-PIE-1000	1000	1140	1229	3281	-	4	R29GPE	4	U45S	4	FK9TLR	4	P040SC	4	65GPE
R72-PIE-1300	1300	1480	1451	4115	-	4	R29GPE	4	U45S	4	FK9TLR	5	P040SC	5	65GPE
R72-PIE-1500	1500	1780	1596	4800	-	5	R29GPE	5	5130512	5	5145809	5	P040SC	5	65GPE
R72-PIE-1600	1600	1930	1668	5142	-	5	R29GPE	5	5143204	5	FK9TLR	5	P040SC	5	65GPE
R72-PIE-1700	1700	2090	1740	5502	-	5	R29GPE	5	U45S	5	FK9TLR	5	P040SC	5	65GPE

HD BACKHOES RANGE 73 TBI

Morin Original system coupler M7
for machines from 24t to 50t
Couplers available on pages 18 to 30

Profile PIE



Example of an XHD design with optional skids, plates and corner shields. All our options are available on pages 44 and 45.



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Specially designed for construction and renovation work, HD BUCKETS offer the best performance for your application. The standard HD version can be reinforced with shields, side cutters, corner protectors, skids, plates, etc.

Bucket with teeth



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ESCO U45S		FEURST FK9TLR		KOMATSU P040SC		MTG MA60U		VOLVO 65GPE	
						NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R73-P1E-1100	1100	1450	1811	4640	-	3	U45S	3	FK9TLR	3	P040SC	3	MA60U	3	65GPE
R73-P1E-1300	1300	1710	2140	5483	-	4	U45S	4	FK9TLR	4	P040SC	4	MA60U	4	65GPE
R73-P1E-1400	1400	1900	2305	5905	-	4	U45S	4	FK9TLR	5	P040SC	5	MA60U	5	65GPE
R73-P1E-1500	1500	2100	2470	6327	-	5	U45S	5	FK9TLR	5	P040SC	5	MA60U	5	65GPE
R73-P1E-1600	1600	2300	2634	6749	-	5	U45S	5	FK9TLR	5	P040SC	5	MA60U	5	65GPE
R73-P1E-1800	1800	2700	2964	7592	-	6	U45S	6	FK9TLR	6	P040SC	6	MA60U	6	65GPE

HD BACKHOES RANGE 73 TB2

Morin Original system coupler M7
for machines from 24t to 50t
Couplers available on pages 18 to 30

Profile PIE



• Represents the range of breakout forces the tooth can withstand. To see the correspondence table, go to page 13.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg | Average tooth count

Example of an XHD design with optional skids, plates and corner shields. All our options are available on pages 44 and 45.



Bucket with teeth

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ESCO U60C		FEURST FK11PR		MTG MA120E1	
						NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE	NUMBER OF TEETH	ITEM CODE
R73-P1E-1100	1100	1450	1811	4640	-	3	U60C	3	FK11PR	3	MA120E1
R73-P1E-1300	1300	1710	2140	5483	-	4	U60C	4	FK11PR	4	MA120E1
R73-P1E-1400	1400	1900	2305	5905	-	4	U60C	4	FK11PR	5	MA120E1
R73-P1E-1500	1500	2100	2470	6327	-	5	U60C	5	FK11PR	5	MA120E1
R73-P1E-1600	1600	2300	2634	6749	-	5	U60C	5	FK11PR	5	MA120E1
R73-P1E-1800	1800	2700	2964	7592	-	6	U60C	6	FK11PR	6	MA120E1

ESCO U60C

Thickness 70 mm • D80



FEURST FK11PR

Thickness 60 mm • D80



MTG MA120E1

Thickness 90 mm • D80



FIXED DITCH CLEANING BUCKETS

Morin Original system coupler M7
for machines from 24t to 50t
Couplers available on pages 18 to 30

The ditch cleaning bucket can be used for finishing work such as ditch cleaning, embanking, levelling and much more. The tilting version is stable on the ground and remains upright to facilitate the next attachment.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

Profile 7CP2



Profile 7CP2

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM7-7CP2-2000	2000	1550	1420	4210	-	7CP2
CM7-7CP2-2200	2200	1700	1527	4587	-	7CP2
CM7-7CP2-2400	2400	1870	1635	5001	-	7CP2

REVERSIBLE BOLTED COUNTER-BLADE + DOUBLE BOTTOMS

Thickness 25 mm



Profile 7CP3



Profile 7CP3

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
CM7-7CP3-2000	2000	1900	1496	4916	-	5158253
CM7-7CP3-2200	2200	2100	1609	5389	-	7CP3
CM7-7CP3-2400	2400	2300	1720	5860	-	5145211

REVERSIBLE BOLTED COUNTER-BLADE + DOUBLE BOTTOMS

Thickness 25 mm



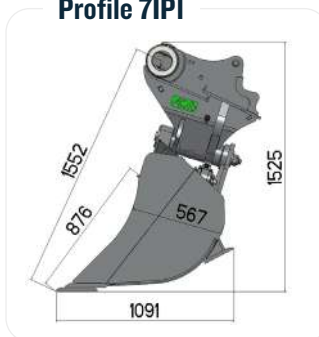
TILT DITCH CLEANING BUCKETS

Morin Original system coupler M7 for machines from 24t to 50t
Couplers available on pages 18 to 30

The TILTING BUCKET can be used for finishing work such as ditch cleaning, embanking, levelling and much more. The tilting version is stable on the ground and remains upright to facilitate the next attachment.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg

Profile 7IP1



Profile 7IP1 2 x 45° - 2 Cylinders

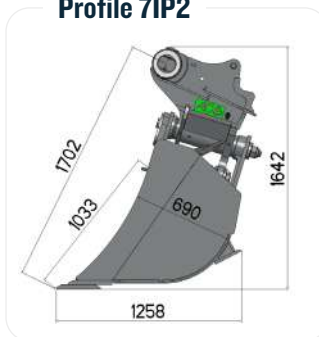
PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
7IP1-2200	2200	1158	1412	3496	-	5132011
7IP1-2400	2400	1270	1474	3760	-	5136306

REVERSIBLE BOLT-ON COUNTER-BLADE

Thickness 30 mm



Profile 7IP2



Profile 7IP2 2 x 45° - 2 Cylinders

PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
7IP2-2200	2200	1700	1933	4993	-	5128757
7IP2-2400	2400	1870	2042	5408	-	7IP2

REVERSIBLE BOLT-ON COUNTER-BLADE + REAR BLADE

Thickness 30 mm

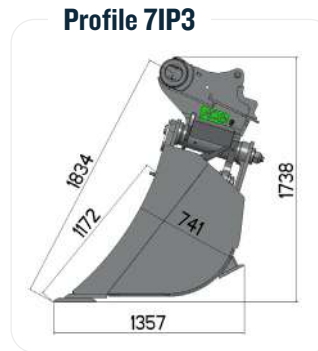


TILT DITCH CLEANING BUCKETS

Morin Original system coupler M7
for machines from 24t to 50t
Couplers available on pages 18 to 30

The TILTING BUCKET can be used for finishing work such as ditch cleaning, embanking, levelling and much more. The tilting version is stable on the ground and remains upright to facilitate the next attachment.

Thickness = Blade thickness | (*) Weight variation +/- 2% depending on equipment | Total weight = (ISO capacity in l x Density 1.8) + Bucket weight in kg



Profile 7IP3 2 x 45° - 2 Cylinders

REVERSIBLE BOLT-ON COUNTER-BLADE + REAR BLADE

Thickness 25 mm



PART NUMBER	WIDTH (mm)	ISO CAPACITY (l)	BUCKET WEIGHT (kg)*	TOTAL WEIGHT (kg)	PRICE EXCL. VAT (€)	ITEM CODE
7IP3-2200	2200	2100	2013	5793	-	7IP3
7IP3-2500	2500	2396	5340	9652	-	7IP3

STANDARD TOOLS

Morin Original system coupler M7 for machines from 24t to 50t
Couplers available on pages 18 to 30

As a bucket isn't always enough, a range of TOOLS is available to meet all your needs. For more information, please refer to the attached product specification sheets or contact us.

(*) Weight variation of +/- 2% depending on equipment

Universal joint

Tool for articulating, along two axes, a gripper, a grapple, an auger, etc.



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
UNIVERSAL JOINT-M7	Depending on equipment	-

Ripper tooth

Ripper tooth for work on rocky terrain



- DDM-M7: R = 1,734 100 mm - 1 tooth ESCO U55C
- R = 1,764 100 mm - 1 tooth ESCO U60

PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
DDM-M7	818	-
DDM-M7+	864	-

Bolt-on adapter

Tool for bolting on hydraulic equipment



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
BOLT-ON ADAPTER-M7	Depending on equipment	-

Pallet forks

There are two versions of our pallet forks:

- A simple version, for attachment using a quick coupler only.
- A version with an arrangement on the front blade, allowing the pallet forks to be attached to the blade, for use on sites only.

Depending on the profile of the excavator blade, we are obliged to:

- Place the pallet forks on the blade using simple hooks: the pallet forks can then be shifted sideways depending on site requirements.
- Fix the pallet forks to the blade with an arrangement to be welded onto the blade: the pallet forks remain in a fixed position.

To order your pallet forks, please specify which version you require. For the second version, the decision to weld or place depends on the blade profile of your machine. 3,000 kg forks



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
LP-M7-SIMPLE	705	-
LP-M7-SUR LAME	705	-

SPECIAL TOOLS

Morin Original system coupler M7 for machines from 24t to 50t
Couplers available on pages 18 to 30

Non-exhaustive list. Please contact us for more information.

Some situations require special dimensions or configurations. That's why ACB+ is at your disposal for any specific requests. Our SPECIAL TOOLS are made to measure. So you have a choice of teeth, pitch, width, etc. Here are just a few examples.

(*) Weight variation of +/- 2% depending on equipment

Grid backhoe

Tool for sieving rubble and pebbles.
Grid backhoe 1,600 mm Range 71 P1N
5 teeth ESCO U40S - Pitch 150 x 150 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
CLAIRE-VOIE-M7	1662	-

Grid backhoe 1,600 mm Range 71 P1N
5 teeth ESCO U40S - Pitch 150 mm



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
CLAIRE-VOIE-M7	1387	-

Rock handling bucket

Bucket for riprap work
Rock handling bucket 1,300 mm Range 71 P1E
4 teeth ESCO U45C - Shields + Inner reinforcements



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
5130693	1964	-

Rock handling bucket 800 mm Range 71 P1N
3 teeth ESCO U45C - SKIDS - PLATES



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
ROCK HANDLING-M7	1188	-

SPECIAL TOOLS

Morin Original system coupler M7
for machines from 24t to 50t
Couplers available on pages 18 to 30

(*) Weight variation of +/- 2% depending on equipment

Ripper backhoe

Tool for working on rocky terrain
Ripper backhoe 850 mm 0.68 m³ Range 72
3 teeth FEURST FK11PR



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
DEROCT-M7	1841	-

Rock handling bucket 800 mm Range 71 P1N
3 teeth ESCO U45C - SKIDS - PLATES



PART NUMBER	WEIGHT (kg)*	PRICE EXCL. VAT (€)
DEROCT-M7	1169	-

APPENDICES

Contents

Identifying your equipment module	192
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Universal joint, suspension link and suspension	197
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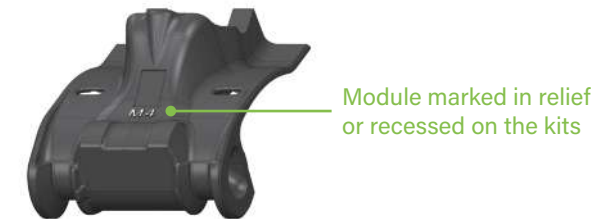
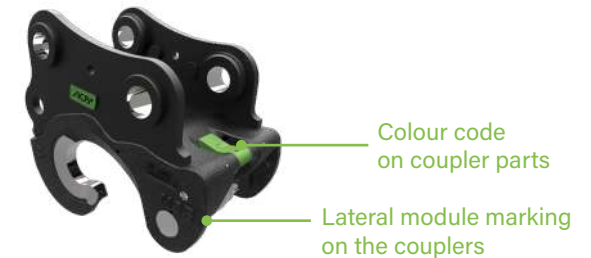
IDENTIFYING YOUR EQUIPMENT MODULE

To find the ACB module for one of your tools or couplers, you can use one of the following rules:

- The marking engraved (in relief or recessed) on the kit and the coupler indicates the module.
- The colour code only present on version V4.0 ISO couplers also identifies the modules.
- Measuring the diameter and the inner width of the cones on the coupler and kit side also identifies the module.

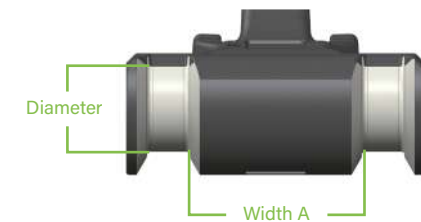
MODULE	WIDTH A KIT (mm)	WIDTH B COUPLER (mm)	DIAMETER (mm)	COUPLER WEIGHTS	COLOUR
M0	110	110	55	M0S 18 kg	White
M1	140	145	70	M1S 35 kg	Red
M2	144	150	84	M2S 55 kg H2S 61 kg	Yellow
M3	200	206	99	M3S 100 kg H3S 111 kg	Green
M4	224	232	99	M4S 128 kg H4S 135 kg	Orange
M5	272	260	124	H5S 230 kg	Blue
M6	324	330	124	H6S 327 kg	Violet
M7	413	414	128	H7S 630 kg	Grey
M7+	413	414	128	H7S+ 650 kg	Grey

MARKING AND COLOUR CODING

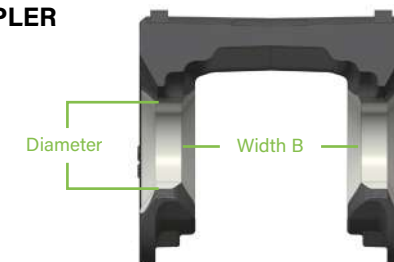


DIMENSIONS

KIT



COUPLER



HANDLING INSTRUCTIONS

ACB+ couplers with the Morin Original System have integral lifting rings designed to be used with the lifting shackles recommended by ACB+.

Important: on the request of certain manufacturers, the handling rings can be disabled if the machine is not equipped for lifting. In this case, these instructions are null and void.

Depending on the coupler version, the rings may be at the front or rear of the coupler, or be disabled or non-existent and/or lifting may be by the machine crank.

Mandatory precautions for handling loads

- The machine must be equipped with hydraulic valves, in accordance with load lifting standards. If this is not the case, contact your main agent.
- Unhook the tool from the coupler before any handling operations.
- Only the coupler handling rings should be used, and only with standard shackles (ISO 2415), for safe operation and to preserve the serviceability of the coupler. The lifting ring max. load is shown on the coupler (marked in tons).
- Ensure that the assembly is inspected during the recommended scheduled inspections for the vehicle. Visually check the attachment point before every utilisation (distorsion and/or excessive burring).

Good practices

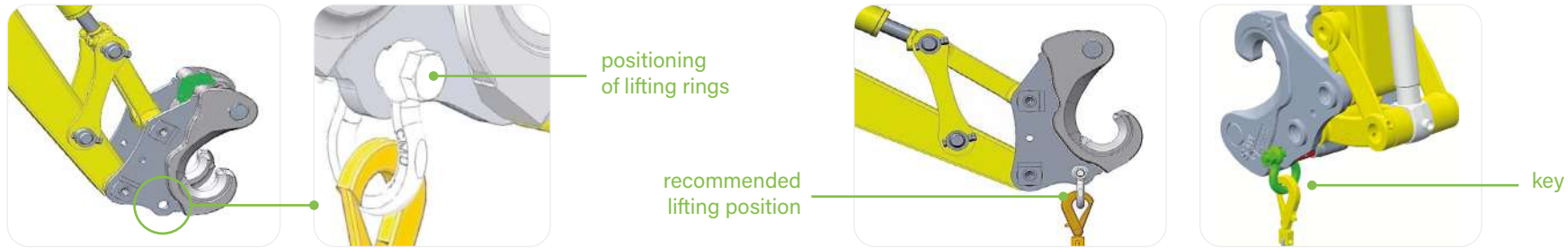
- Respect the max. load of the overall lifting system:

**Overall max. load = lowest max. load
between the Coupler, Machine,
Shackle and Slings**

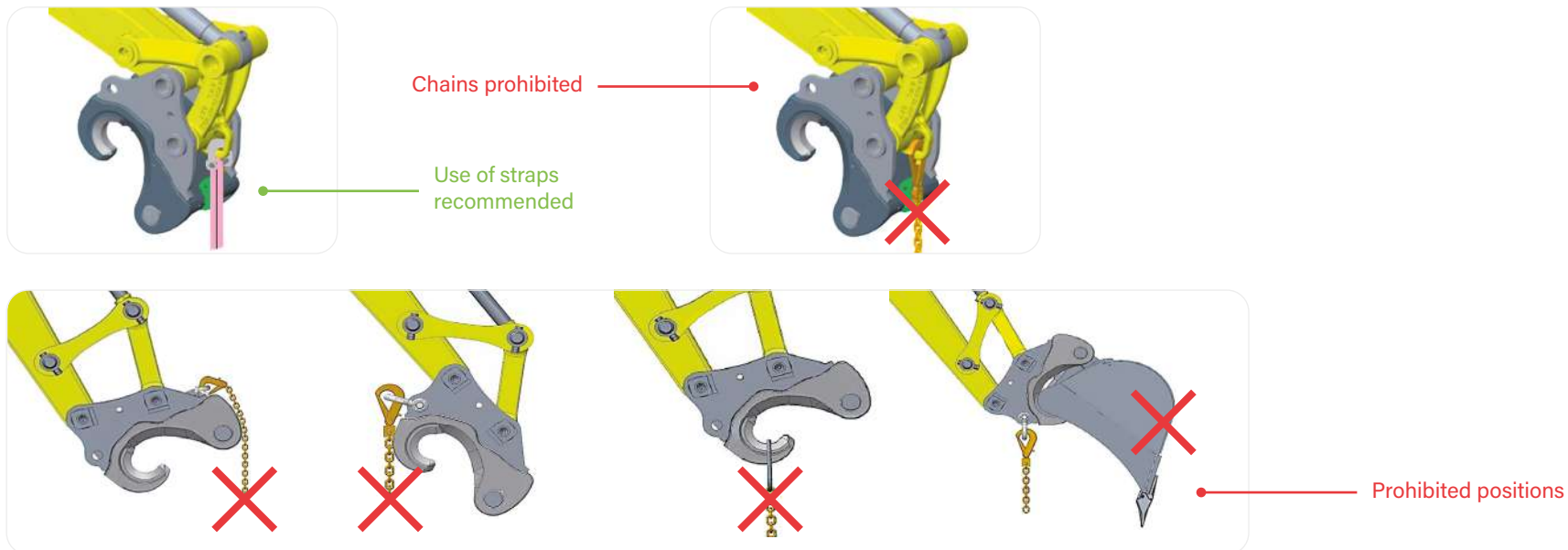
COUPLER		RECOMMENDED SHACKLE	
MODULE	Max. load (kg)	Max. load (kg)	ITEM CODE
0	1,000	2,000	1004656
1	2,000	3,250	1007841
2	3,000	3,250	1007841
3	4,000	6,500	1007842
4	5,000	6,500	1007842
5	2 x 5,000	6,500	1007842
6	2 x 7,000	9,500	1007843
7	2 x 8,000	9,500	1007843

- Respect the lifting positions shown below. Depending on the coupler version, the rings may be at the front or rear of the coupler, or be disabled or non-existent and/or lifting may be by the machine crank.

Recommended lifting conditions with the rings specified on the coupler:



- In some cases, a lifting ring is provided on the crank. Its geometric compatibility must be confirmed by ACB+. In this case, its conditions of use are specified in the manufacturer's instructions. When using the crank ring, never use chains. Only belts should be used, in order to preserve the casing and the coupler safety system.



SPECIFICATION SHEET

PIN ON BREAKER ADAPTER

For precise production of the equipment you need, it is essential that we have a specification and complete dimensions of the breaker head.

Please return this completed form to us as soon as possible, so that we can carry out a preliminary study, which will be submitted to you for acceptance.

YOUR CONTACT

Name and company of issuer:

Case reference:

Email address:

Tel.:

YOUR TOOLS

Brand:

Model:



YOUR COUPLER

Brand:

Model:

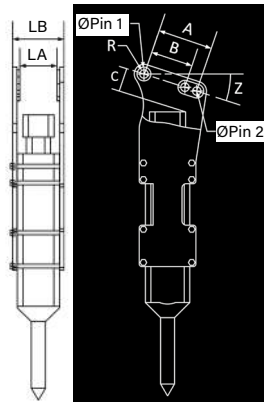
YOUR REQUIREMENT

Does the breaker have removable spacer rings? Yes No

Can these rings be removed and the original dimensions of the "breaker" restored? Yes No

If yes, note the dimensions without the rings.

SKETCH OF THE BREAKER HEAD TO BE FITTED: TYPE A



LA (arm path dimension):

mm

LB (to define the pin length):

mm

A (max. centre distance):

mm

B (min. centre distance):

mm

Comments:

C (minimum clearance required):

mm

Ø Pin 1 (diameter of the machine-side pin):

mm

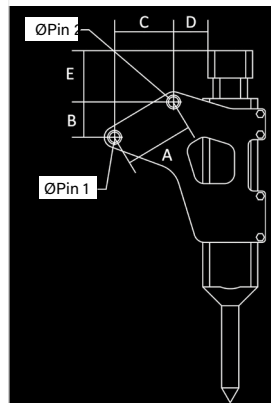
Ø Pin 2 (diameter of the pin on the opposite side):

mm

Z° (tilt angle):

mm

SKETCH OF THE BREAKER HEAD TO BE FITTED: TYPE B



A (max. centre distance):

mm

B (vertical centre distance):

mm

C (horizontal centre distance):

mm

D (horizontal clearance):

mm

Comments:

E (vertical clearance):

mm

Ø Pin 1 (diameter of the machine-side pin):

mm

Ø Pin 2 (diameter of the pin on the opposite side):

mm

SPECIFICATION SHEET

UNIVERSAL JOINT, SUSPENSION LINK AND SUSPENSION

For precise production of the equipment you need, it is essential that we have a specification and complete dimensions of the bucket head.

Please return this completed form to us as soon as possible, so that we can carry out a preliminary study, which will be submitted to you for acceptance.

YOUR CONTACT

Name and company of issuer:

Case reference:

Email address:

Tel.:

YOUR TOOLS

Brand:

Model:

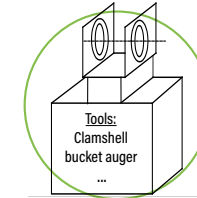
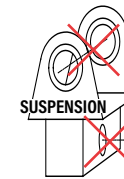
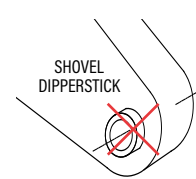


YOUR COUPLER

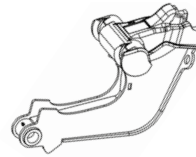
Brand:

Model:

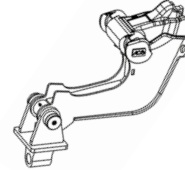
YOUR TOOL DIMENSIONS



YOUR REQUIREMENT



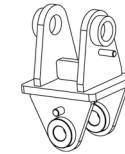
Suspension link



Complete universal joint

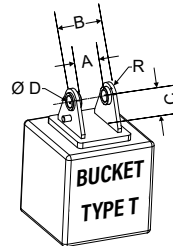


Male suspension



Female suspension

TYPE T TOOL



A (internal width):

mm

D (pin diameter):

°

B (external width):

mm

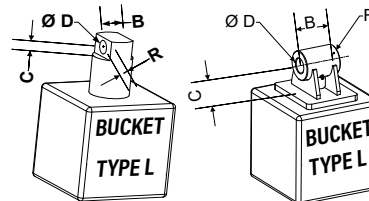
R (external wing radius):

°

C (minimum clearance):

mm

TYPE L TOOL



B (bucket head width):

mm

D (pin diameter):

°

C (minimum clearance):

mm

R (boss radius):

°

Lubrication via the pin?

Yes

No

Lubrication via the bucket bearing?

Yes

No

SPECIFICATION SHEET

GRAPPLE THUMB

For precise production of the equipment you need, it is essential that we have a specification and the dimensions requested below. Please return this completed form to us as soon as possible, so that we can carry out a preliminary study, which will be submitted to you for acceptance. Full instructions for installing the thumb will be sent with the product.

YOUR CONTACT

Name and company of issuer: _____

Case reference: _____

Email address: _____

Tel.: _____

HYDRAULIC ENVIRONMENT

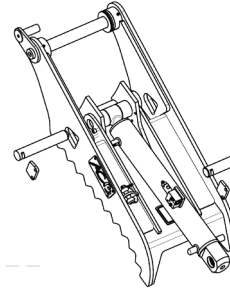
When installing your thumb, account must be taken of the hydraulic environment: Pressure must be limited on the piston side:

- either with the additional pressure relief valve supplied
- or with the limiter on the machine's distributor. Setting 200 bar (0 + 20)

If several tools requiring different pressures are used on the same line, it is imperative to install our limiter unit with a separate return to the tank. Please contact us for more details.

YOUR MACHINE

The pin on thumb allows you to follow the bucket's kinematics as closely as possible, for optimum gripping performance.



Brand: _____

Model: _____

Jib type: One-piece Hydraulic

Dipperstick length: _____ mm

Specify the application: _____

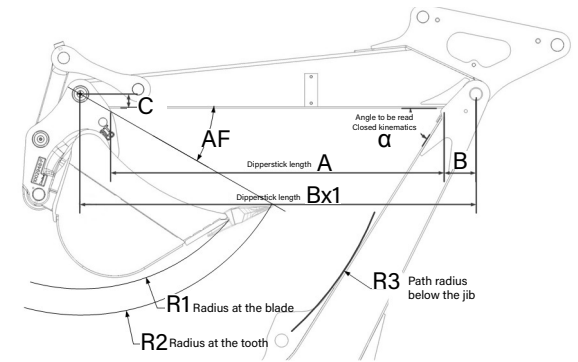
YOUR COUPLER

Brand: _____

Model: _____



INFORMATION ABOUT YOUR TOOLS



To dimension your thumb for your tools, we need to know their exact dimensions.

ACB+ product:

ACB+ machine module: _____

Fitted buckets ref./range: _____

Non-ACB+ product:

Tool brand: _____

Coupler size: _____

Max. fitted bucket width: _____ mm

No. of teeth: _____

If the bucket or coupler is not manufactured by ACB+, the bucket and coupler assembly must be measured. Fill in the values below.

C: _____ mm B: _____ mm

Af (°): _____ ° R1: _____ mm

A: _____ mm R2: _____ mm

α(°): _____ ° R3: _____ mm

Bx1: _____ mm



SPECIFICATION SHEET

TRAPEZOIDAL BUCKET

For precise production of the equipment you need, it is essential that we have a specification and the dimensions requested below. Please return this completed form to us as soon as possible, so that we can carry out a preliminary study, which will be submitted to you for acceptance.

YOUR CONTACT

Name and company of issuer:

Case reference:

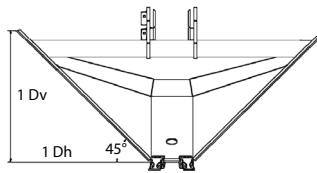
Email address:

Tel.:

REMINDER: ANGLES AND SLOPES

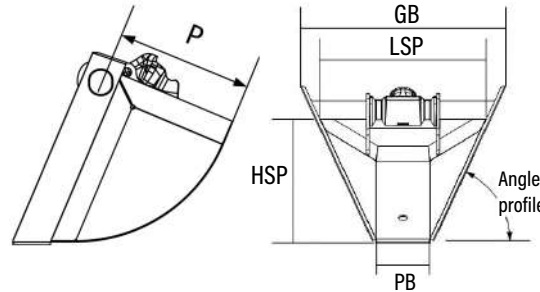
- 45° = 1 Dh for 1 Dv
- 30° = 2 Dh for 1 Dv
- 60° = 1 Dh for 2 Dv

Dh = Horizontal distance
Dv = Vertical distance



DITCH DIGGING TRAPEZOIDAL BUCKET

As its name suggests, its function is to create a non-existent ditch, i.e. to dig the ground. The sides and bottom of the bucket are rounded for better penetration. The ideal profile angle for this type of bucket is 45°. It is almost always equipped with teeth.



GB (large base):

mm

PB (small base):

mm

LSP (beam width):

mm

HSP (beam height):

mm

P (depth):

mm

Angle (profile angle):

°

Teeth?

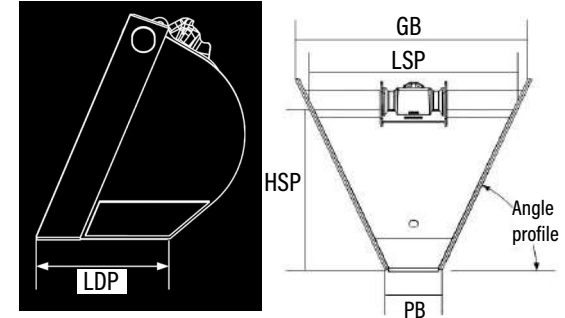
Yes

No

If yes, make and type:

DITCH REPROFILING TRAPEZOIDAL BUCKET

Its function is to clean out an existing ditch, instead of the ditch cleaning bucket, with a performance that is 2 or 3 times better. The sidewalls are aligned in line with the side cutters. The bottom has a plate of a varying size.



GB (large base):

mm

PB (small base):

mm

LSP (beam width):

mm

HSP (beam height):

mm

LDP (plate length):

mm

Angle (profile angle):

°

Teeth?

Yes

No

If yes, make and type:

SPECIFICATION SHEET

TILTING AND ROTATING COUPLERS, TILTROTATORS

CUSTOMER INFORMATION

Date: _____
 Customer: _____
 Customer account: _____
 Technical / Sales contact:
 Name: _____
 E-mail: _____
 Tel.: _____

MACHINE

Brand: _____
 Model: _____
 Weight: _____
 BOF (kN): _____

Current equipment:

Direct Fit Quick coupler
 Mechanical Hydraulic

Brand: _____
 Model: _____
 Intended application: _____

User(s): One Many
 Customer comments: _____

ACB+ CONTACT

Technical / Sales contact: Name: _____
 E-mail: _____ Tel.: _____

HYDRAULIC EQUIPMENT AND MACHINE CONFIGURATION

Number of auxiliary lines:



1 auxiliary line
Hydraulic tool



2 auxiliary lines



2 auxiliary lines
1 quick coupler line



4 auxiliary lines
1 quick coupler line

Auxiliary line control mode:

Proportional

On/Off

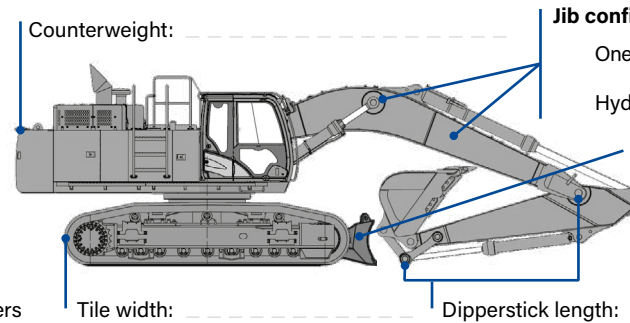
Voltage: 12V 24V

Driving assistance:

Topcon Volvo Dig Assist
 Trimble Leica

Other: _____

Automatic weighing
(brand to be specified): _____



Jib configuration:

One-piece Offset
 Hydraulic or variable

Front blade

Stabilisers

Tile width: _____

Dipperstick length: _____

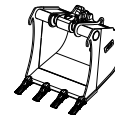
Presence of a thumb: Yes No

Load table corresponding to the machine configuration supplied: Yes No

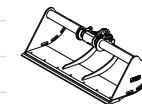
TOOLS: EXISTING AND/OR TO BE DELIVERED

For each tool, specify the range, width, weight, capacity and whether it exists and/or is to be delivered.

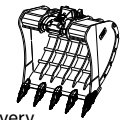
BACKHOE Existing For delivery



DITCH CLEANING BUCKET Existing For delivery



BACKHOE OR GRID DITCH CLEANING BUCKET

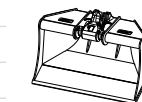


Existing For delivery

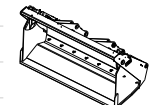
CLAW BACKHOE Existing For delivery



UNIVERSAL GRADING BUCKET Existing For delivery



4X1 BUCKET (No delivery possible, as not compatible with ACB+ free couplers).



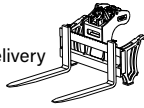
TOOLS: EXISTING AND/OR TO BE DELIVERED

For each tool, specify the range, width, weight, capacity and whether it exists and/or is to be delivered.

PALLET FORKS

Existing

For delivery



RIPPER TOOTH

Existing

For delivery



SORTING GRAPPLE

Existing

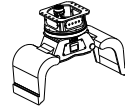
Rotating

Fixed

For delivery

Rotating

Fixed

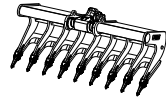


OTHER MECHANICAL TOOLS

Existing

For delivery

(Please note the limitations on the use of these tools imposed by ACB+ free couplers)



OTHER HYDRAULICS TOOLS

Existing

For delivery

(Please note the limitations on the use of these tools imposed by ACB+ free couplers)



Are there any tools that require an electrical connection?

Yes

No

Are there any tools that require a hydraulic drain?

Yes

No

COUPLERS

Sandwich assembly:

Yes

No

ACB+: Part: High Low Module (if required by the customer)

Version: Mechanical Hydraulic

Other coupling systems: Part: High Low

Brand: Model:

Weight: Version: Mechanical Hydraulic

Other coupling systems: Part: High Low

Brand: Model:

Weight: Version: Mechanical Hydraulic

TILT COUPLER

Specify angle:

±70° ±90°

Tilt holding valve option:

Yes

No

Mandatory option on walking excavators and machines with non-watertight auxiliary lines. The option can be retrofitted (except on walking excavators).

Range of couplers and limitations on use:

Couplers	Carrier tonnage (t)	Max. BOF (kN)	Max. width (mm)	Backhoe Claw	Fixed sorting grapple	Rotating sorting grapple Vibrating plate	4x1 BRH Ripper	Milling Cutter Sieve Harvester head**
RA02-180	1 - 2.4	19	1,000	✓	✓	✓✓	×	✓
RA045-180	2.4 - 5	30	1,200	✓	✓	✓✓	×	✓
RA07-180	4.3 - 7	50	1,300	✓	✓	✓✓	×	✓
RA10-180	6 - 10	72	1,400	✓	✓	✓✓	×	✓
RA14-140	8.6 - 14	110	1,600	✓	✓	✓✓	×	✓
RA19-140	12 - 19	150	1,700	✓	✓	✓✓	×	✓
RA25-140	17 - 23	170	2,000	✓	✓	✓✓	×	✓



ROTATING COUPLER

Rotary joint option required for rotation only:

Yes

No

On mechanical couplings (M0S to M4S), the rotating joint is only required to supply hydraulic tools. However, it can be installed in anticipation of future tools

Range of couplers and limitations on use:

Couplers	Carrier tonnage (t)	Max. BOF (kN)	Max. width (mm)	Claw backhoe 4x1, Ripper, Harvester head	Sorting grapple		BRH, Cutter Vibrating plate Sieve**
					Fixed	Rotating	
R04-360	2 - 3.5	32	1,000	×	✓✓	✓	✓
R06-360	3.5 - 6.5	50	1,200	×	✓✓	✓	✓
R11-360	5.5 - 10	70	1,400	×	✓✓	✓	✓
RT121*	7 - 12	80	1,500	×	✓✓	✓	✓
RT201*	10 - 20	105	1,700	×	✓✓	✓	✓
RT251*	18 - 27	180	1,900	×	✓✓	✓	✓
RT301*	25 - 35	230	2,200	×	✓✓	✓	✓



TILTROTATOR

Tube gripper option:

Yes

No

Please note: this option is not compatible with certain mechanical couplings or with the 2 double-acting lines + 1 drain option.

Hydraulic quick connectors for extra functions:

1 double-acting line

2 double-acting lines +1 drain

Please note: 1 single double-acting line for use with tube grippers.

Range of couplers and limitations on use:

Couplers	Carrier tonnage (t)	Max. BOF (kN)	Max. width (mm)	Claw backhoe 4x1, Ripper, Harvester head	Sorting grapple		BRH Milling cutter	Vibrating plate Sieve**
					Fixed	Rotating		
TR07	3 - 7	50	1,100	×	✓✓	✓	×	✓
TR11	6 - 11	75	1,300	×	✓✓	✓	×	✓
TR14	10 - 14	110	1,600	×	✓✓	✓	×	✓
TR19	14 - 19	150	1,700	×	✓✓	✓	×	✓
TR25	18 - 25	170	2,000	×	✓✓	✓	×	✓
TR32	26 - 35	200	2,300	×	✓✓	✓	×	✓



Key: ✓✓ Recommended | ✓Suitable | × Prohibited | ** Occasional use permitted

OPENING AN ACCOUNT

COMPANY NAME

Address: _____

 Tel.: _____
 Fax: _____
 E-mail: _____
 Web: _____

CATEGORIES

Tick the appropriate box(es) and specify the brand of machines distributed.

Manufacturer: Mini-excavator Excavator

Lessor: Mini-excavator Excavator

Brand: _____

Brand: _____

Dealer: Mini-excavator Excavator

Other distributor: Mini-excavator Excavator

Brand: _____

Brand: _____

LEGAL FORM

Share capital: _____
 Company registration no.: _____
 VAT no.: _____
 APE/NAF: _____

CONTACTS

Please specify the preferred contacts in the following departments.

Accounts: Name: _____

Tel.: _____

E-mail: _____

Purchasing: Name: _____

Tel.: _____

E-mail: _____

Sales: Name: _____

Tel.: _____

E-mail: _____

IDENTIFIER - BANK DETAILS/IBAN PLEASE: Attach bank details or IBAN

Bank	Sort code	Account no.	Key	Currency
_____	_____	_____	_____	_____
IBAN				

BIC (Bank Identifier Code) _____				
Bank address: _____				

PAYMENT TERMS AND METHOD

45 days end of month by:

LCR BOR
 CHQ VIRT

Payment before shipment if no credit insurance

MODE OF TRANSMISSION

Acknowledgement of order by **e-mail**: _____ Date: _____
 Delivery note by **e-mail**: _____ Signature, name & position of signatory: _____ Stamp: _____
 Invoice by **e-mail**: _____

Acknowledge having read the General Terms and Conditions of Sale. (Pages 203 to 205 of the price list or on acbplus.com)

GENERAL TERMS & CONDITIONS OF SALE

1| - GENERAL

1.1| Purpose and scope of these general terms and conditions

These general terms and conditions (hereinafter the "GTC") apply to the sale of materials or equipment (hereinafter the "Products") and related services by ACB+ (hereinafter the "Vendor") to professional buyers (hereinafter the "Buyer" or the "Customer").

They do not apply to the provision of services where these are the primary subject of the contract.

Pursuant to article L. 441-1 of French Commercial Code, these General Terms and Conditions constitute the sole basis for commercial negotiations between the Vendor and the Buyer. Consequently, the sale of Products is governed exclusively by these General Terms and Conditions of Sale, which may be supplemented by special conditions drawn up and agreed between the parties.

1.2| Contract formation

Unless stipulated otherwise, the Vendor's offer shall be valid for three months.

The sales contract is only valid once the Vendor has accepted the Buyer's order in writing.

The latter declares and acknowledges having full knowledge of these GTC and of the current prices. The fact that the Customer places an order with the Vendor implies full and unreserved acceptance of these General Terms and Conditions of Sale.

Unless expressly agreed otherwise by both parties, these GTS take precedence over any other written documents and, in particular, over any general terms and conditions of purchase and purchase orders issued by the Customer. For the purposes of these terms and conditions, "written document" means any document drawn up by any means, including on paper or electronic media.

The Vendor reserves the right to cancel or refuse any order from a Buyer with whom there is a dispute relating to payment for a previous order.

Any amendment of the contract requested by the Buyer is subject to the Vendor's express acceptance. The order expresses the Buyer's irrevocable consent to the goods and the price, and cannot be cancelled without the Vendor's express prior agreement. In this case, the Buyer shall compensate the Vendor for all costs incurred and for all direct consequences arising

therefrom. In addition, any deposit already paid shall remain the property of the Vendor.

Unless stipulated otherwise, the characteristics mentioned in catalogues, prospectuses and all the Vendor's advertising documents are only indicative and do not constitute a contractual document.

The Vendor reserves the right to make any modifications to its models that it deems appropriate, subject to orders already accepted by the Customer. For these orders, ACB+ shall offer the Customer the new model if the modifications made do not alter the essential characteristics and performance of the Products being sold.

In the case of the creation of equipment meeting the Buyer's specific needs, a study is carried out by the Vendor leading to an approval plan including the product's specifications. This document forms an integral part of the contract and requires the Buyer's written approval. In this case, the Vendor reserves the right to add special clauses in line with the context of the request. These then appear on the order.

2| - DELIVERY

2.1| Delivery terms

Delivery lead times begin on the date of the order acknowledgement, subject to receipt of all documents required by the Buyer to begin performance of the contract and receipt of any deposit.

The lead times indicated on the order acknowledgement are usual average and indicative lead times, which correspond to production processing lead times plus the delivery lead time.

Products are delivered to the delivery address specified by the Buyer at the time of placing the order. Where several products are ordered at the same time, and these have different shipping times, the order shipping time is based on the longest time. However, the Vendor reserves the right to split shipments. In this case, only the products shipped shall be invoiced.

In the event of a delay of more than thirty (30) calendar days in relation to the delivery date indicated on the order acknowledgement, the Buyer has the right to cancel (rescind) the order, excluding any damages and late payment penalties.

2.2| Acceptance

Should the Buyer fail to make a claim, by registered letter with acknowledgement of receipt, within eight days of the delivery date, the Products are

deemed to have been accepted. This acceptance is deemed to acknowledge the absence of apparent defects.

3| RETENTION OF TITLE AND TRANSFER OF RISK

Goods are delivered ex works and are transported at the Buyer's expense and risk, even in the case of carriage paid or cash on delivery shipments. Transfer of ownership of the Products only takes place after full payment of the price in principal and accessories. In the event of total or partial non-payment of the price by the due date, the Vendor may demand the return of unpaid Products at the Buyer's expense. Until full payment has been received, the Buyer may not resell or process the Products without the Vendor's prior consent. In the event of resale, the Vendor may exercise a resale right by claiming the amount due from the final purchaser, pursuant to articles L.624-9 et seq. of French Commercial Code.

Notwithstanding the retention of title clause, risks relating to the Products are transferred to the Buyer as soon as they are made available on the Vendor's premises. From this point onwards, the Buyer assumes all responsibility for any damage.

4| CONDITIONS OF CARRIAGE AND INSURANCE

Unless otherwise agreed, the conditions of carriage are governed by the CPT France Incoterm (Incoterms 2020) for shipments within Europe. For any material originating from outside the EU or using a mode of transport other than road transport, the delivery terms and incoterms are to be agreed between the parties, with delivery costs to be borne by the Buyer.

The Vendor shall notify the Buyer of the date on which the Products will be made available, and the Buyer is responsible for all transport, insurance, customs, handling, loading and unloading operations, in accordance with current regulations. In the absence of specific instructions, the Vendor shall arrange shipment in the Buyer's best interests, although insurance shall only be taken out at the Buyer's express request.

Finally, the Buyer is obliged to check the condition of the Products on arrival, to express any necessary reservations and to initiate recourse against the carrier in the event of damage, within the time limits set by articles L. 133-1 et seq. of French Commercial Code. The words "subject to unpacking" shall not be acceptable for the carrier.

5| PRICES, CONDITIONS AND LATE PAYMENT

Prices. The Vendor reserves the right to amend its prices at any time, subject to current orders.

Products are invoiced on the basis of the applicable prices on the date the order is recorded.

Product prices are quoted in euros, excluding VAT and delivery and insurance costs.

Payment. Unless stipulated otherwise on the acknowledgement of receipt issued by the Vendor, payments are made at the Vendor's domicile, net and without discount, and are due on the following terms:

30 days end of month, with this payment period being calculated as follows: 30 days + end of month.

Advance payments are made without discount unless agreed otherwise.

In the case of payment by bill of exchange, acceptance must occur within seven days of its dispatch.

In particular, the invoice specifies the date on which payment is due.

Deposits. Amounts paid prior to delivery are regarded as deposits. Deposits are always paid in cash and must form the subject of an invoice. VAT is payable under the conditions set out in French General Tax Code.

Late payment. Any late payment of an amount in relation to the due date indicated on the invoice, or any refusal to accept a bill of exchange when presented, shall result, without prior formal notice and without prejudice to the right to assert the retention of title clause, in:

- (i) the suspension or cancellation of any outstanding orders, at the Vendor's discretion,

- (ii) payment by the Customer of a fixed indemnity of forty (40) €, and

- (iii) payment by the Customer of late payment penalties equal to the rate applied by the European Central Bank to its most recent refinancing operation, plus ten (10) percentage points; the rate applicable during the first half of the year being that in force on January 1st and during the second half that on July 1st, without prejudice to any damages,

- finally, at the Vendor's discretion, automatic cancellation of the sales contract one month after formal notice has been issued to the Buyer by registered letter with acknowledgement of receipt to comply with its obligations. In this case, and without prejudice to any damages, the Buyer, in addition to its obligation to return the Products at its expense, shall owe the Vendor a termination indemnity, set at 20% of the price, valued on the termination date. This indemnity shall be allocated to payments already received.

6| CONTRACTUAL WARRANTY FOR NEW EQUIPMENT

Scope of the warranty

The Vendor undertakes to remedy any Product malfunctions resulting from a defect in the design, the materials themselves or assembly if this operation is entrusted to it, within the limits of the following provisions.

- The warranty automatically ceases to apply should the Buyer perform maintenance, repair or modification work itself or by means of an unauthorised third party without the Vendor's written consent.

- The warranty is excluded:

- in the event of damage resulting from lack of maintenance and supervision and, in general, from any handling that does not comply with the manufacturer's written instructions (the normal operating instructions of which appear in the instruction manual) or with current regulations,

- for defects resulting in whole or in part from normal wear and tear of the part, deterioration or accidents attributable to the Buyer or a third party,

- in the event of a defect arising from parts supplied by the Buyer and incorporated at the Buyer's request during the manufacturing process,

- in the event of force majeure as defined in Article VIII, in the event of an accident caused by acts of God or by a third party.

In the event of use of the Product outside metropolitan France, the Vendor may amend the scope and terms of the warranty as defined in the present conditions.

No contractual warranty applies to spare parts not assembled by the Vendor or a third party approved by the Vendor.

The Buyer's obligations

To benefit from this warranty, the Buyer must immediately notify the Vendor in writing of defects it attributes to the Product and provide all evidence of the reality of these defects; it must offer the Vendor every opportunity to confirm and remedy them.

Duration and starting point of the warranty

The normal warranty covers the connection of ACB+ couplers for a period of two (2) years. For all other products, this period is reduced to one (1) year.

The starting point of the warranty is fixed from the date on which the Product is shipped by the Vendor or the date on which the Product is made available on the Vendor's premises.

Warranty exclusions

The commercial warranty is excluded:

- for any purchase of a Product not recommended by the Vendor, either where said Product is not suitable for the tool to which it is connected, or where it is not suitable for the use envisaged by the Customer,

- if the Product is not used in accordance with ACB+'s user documentation and/or the safety measures set out by ACB+ and/or pursuant to legal and/or regulatory provisions.

Terms and conditions for exercising the warranty

The warranty applies if, and only if, the following process is followed:

The Buyer must submit a warranty claim to the Vendor (indicating the Product and order references, and providing photos and other documents showing the defect(s) found).

The Vendor's technical department shall then examine the Buyer's request, inform the Buyer of the terms and conditions of warranty cover specific to it, and inform it of the terms and conditions of repair or replacement decided on at the Vendor's discretion or a possible refusal of the warranty request.

Warranty repairs may be carried out in the Vendor's own workshops or those designated by the Vendor.

Unless stipulated otherwise in the contract, the following terms and conditions apply:

For the duration of the warranty, the Vendor is obliged to replace parts found to be defective after examination by its technical department, or, if it prefers, to repair them free of charge.

The warranty excludes all other services, compensation or damages (downtime costs, loss of productivity, etc.).

In the event of non-application of the warranty, the Vendor may provide the Buyer with an estimate for repairs or replacement.

Replaced parts may be retained by the Vendor unless the Buyer objects in writing

Reshipment of the Product not covered by the warranty is at the Buyer's risk and expense.

7| LIABILITY

The products offered comply with European Directive 2006/42/EC of May 17, 2006 on machinery and with current French legislation. The relevant French standards have been used for their definition. It is the Buyer's responsibility to check with local authorities regarding the possibility of importing or using the products or services the Buyer intends to order.

The Vendor shall not be liable for any use that does not comply with the instructions for use and the prescribed safety measures.

The Vendor shall not be liable in the event of non-performance of the contract due to force majeure as described in Article VIII.

The Vendor shall supply documents containing operating instructions (such as instruction manuals, user manuals, etc.). The user must familiarise itself with these prior to commissioning.

In the event that the Product is installed by the Vendor, the Customer must have obtained the manufacturer's prior written agreement to install the Product on the manufacturer's equipment. Should the Customer fail to comply with this undertaking, the Vendor shall not be held liable for any damage of any nature whatsoever that may result for the Customer and/or any third party.

The Vendor's liability shall be limited to direct material damage caused to the Buyer as a result of faults attributable to the Vendor in the performance of the contract.

Under no circumstances shall the Vendor be required to provide compensation for immaterial and/or indirect damage and, in particular, for operating losses, loss of profit, loss of opportunity, commercial losses, loss of earnings, loss of image.

In the event that penalties and compensation have been mutually agreed, these shall constitute lump-sum, final compensation and are exclusive of any other penalty or compensation.

The Vendor's total civil liability, for all causes, is limited to a sum not exceeding the amount of the order for the Product in question.

The Buyer waives all recourse and guarantees the waiver of recourse by its insurers in a contractual relationship with it, against the Vendor or its insurers beyond the limits and exclusions set out above.

8| FORCE MAJEURE

Neither party to the contract shall be held liable for a delay or failure to fulfil any of its obligations under the contract if such delay or failure is due to Force Majeure.

- "Force Majeure" means any case of force majeure as defined by article 1218 of French Civil Code, as well as the following events, even if these are not identified as force majeure under French law: the occurrence of a natural disaster,

- earthquake, storm, fire, flooding, etc.
- armed conflict, war, civil conflict, attacks, etc.
- industrial disputes, total or partial strikes affecting the Vendor or Buyer,
- industrial disputes, total or partial strikes affecting suppliers, service providers, carriers, postal services, public services, etc.
- mandatory injunctions from public authorities (import ban, embargo),
- operating accidents, machinery breakdown, explosion,
- epidemics or administrative police measures imposed due to a health crisis,
- supplier failure or shortage.

Each party shall immediately inform the other party of the occurrence of a case of Force Majeure of which it is aware and which, in its opinion, is likely to affect the performance of the contract, indicating its estimated duration. The obligations and rights of the party affected by Force Majeure shall be suspended for the duration of this event. As soon as this has come to an end, the impeded party shall notify the other party and must immediately resume performance of its obligations.

9| TERMINATION

In the event of a serious breach of any contractual provision by either party, and notwithstanding the provisions of article 11.1 relating to late delivery, the other party may terminate the contract ipso jure after formal notice has been served without result within 30 days, specifying the alleged breach and the intention to terminate under this article.

This provision does not preclude the right to compensation for losses suffered as a result of total or partial non-performance of the contract.

10| DISPUTES AND APPLICABLE LAW

The parties undertake to attempt to settle their differences amicably before bringing the matter before the Commercial Court. Failing amicable settlement of the dispute, the Villefranche-sur-Saône Commercial Court shall have sole jurisdiction, irrespective of the conditions of sale and payment terms, including in the event of the introduction of third parties.

The contract is governed solely by French law, excluding the Vienna Convention on the international sale of goods.

11| OTHER PROVISIONS

11.1| Confidentiality

The parties are mutually committed to a general obligation of confidentiality relating to all kinds of verbal or written information, whatever the medium (discussion reports, drawings, exchanges of computerised data, activities, installations, projects, know-how, products, etc.) exchanged as part of the preparation and performance of the contract (hereinafter referred to as "Confidential Information"). Information that is known to the public or that may become publicly known other than through the fault of or action by either party or third parties in breach of this confidentiality obligation shall not be deemed confidential.

Consequently, the parties undertake:

- to keep all Confidential Information strictly secret and, in particular, to never disclose or communicate, in any way whatsoever, directly or indirectly, all or some Confidential Information, to anyone whatsoever, without the prior written authorisation of the other party,
- not to use all or some Confidential Information for any purpose or activity other than the performance of the contract,
- to only pass it on to its permanent employees directly involved in implementing the GTC under its responsibility, informing them in advance of the confidential nature of the Confidential Information,
- not to make a copy or duplication of all or some of the Confidential Information.

The parties undertake to take all necessary measures to ensure compliance with this confidentiality obligation, for the entire term of the contract and after its expiry, and undertake to ensure that all their employees comply with this obligation. This obligation is an obligation of results.

11.2| Waiver

The fact that the Vendor does not, at a given moment, avail itself of any of the clauses of the GCS may not be interpreted as a waiver of its right to do so at a later date.

Similarly, the invalidity of any of the clauses of these GTC shall not affect the validity of the other clauses.

11.3| Customer service

Please contact our Customer Service team for more information or should you have any questions:

ACB+
Tel.: +33 4 74 66 82 49
Fax: +33 4 74 66 82 83
Address: ACB+ - 249 Route de Charentay - 69220 SAINT-LAGER

11.4| Intellectual property

The Vendor retains full and exclusive ownership of all intellectual and industrial property rights to the products, as well as trademarks, logos and other distinctive signs identifying the products, and documents of any kind sent to the Buyer, in particular plans, drawings, technical specifications, references and photographs relating to the products.

The Buyer therefore undertakes to respect all of the Vendor's intellectual and/or industrial property rights. Only a non-exclusive right of use of the trademark relating to the Product sold is granted by the Vendor to the Buyer who lawfully resells the Product, for the sole purpose of promoting and marketing said Product. Any total or partial reproduction of the Vendor's products is strictly forbidden.

12| BAN ON RE-EXPORTING ACB+ PRODUCTS TO RUSSIA OR FOR USE IN RUSSIA.

On December 18, 2023, the European Union (EU) adopted its 12th set of sanctions against Russia. Article 12g of Regulation (EU) No. 833/2014 requires us to impose a "No re-export to Russia" clause as part of our agreement with you. Thus, by accepting or using products delivered by us, or by placing a new order with ACB+, you agree not to sell, export or re-export products delivered by ACB+ to Russia, nor to sell, export or re-export such products for use in Russia. In addition, you undertake to do everything in your power to ensure that you and any third parties with whom you have entered into a contract comply with this obligation. You also undertake to set up and maintain an adequate control mechanism to detect any breach of these obligations by third parties with whom you have entered into a contract. Any breach of any of these obligations entitles us to terminate the relevant agreements with you for breach of contract and to exercise any other remedies available to us under law and contracts.

13| PROCESSING YOUR PERSONAL DATA

ACB+ collects and processes your personal data in order to provide the expected service. To find out more about how we collect and manage your personal data, please visit our website: Privacy policy.

Date of last update: 18/11/2024

