



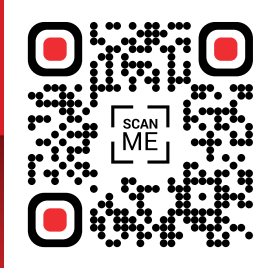
sales@mantovanibenne.com

+39 0535 615811

mantovanibenne.com - eagleshears.com



CONTACT US







General Catalogue

This brochure has the only purpose of presenting the products and the data contained in it must be considered indicative.
For technical evaluations please contact our sales office.








10/2023 REV.PI-00




General Index

	THE MBI GROUP	pag. 4
	MANTOVANIBENNE	pag. 6
	CATALOGUE STANDARD	pag. 8
	INFORMATION	pag. 10








Product Index

DEMOLITION





	CR CRUSHER	pag. 12
	CC COMBI CRUSHER	pag. 16
	DS DEMOLITION SHEAR	pag. 20
	MS MULTISYSTEM	pag. 24
	MS140 HEAVY LINE MULTISYSTEM	pag. 28
	RP-IT ROTATING PULVERIZER INTERCHANGEABLE TEETH	pag. 34
	RP ROTATING PULVERIZER FIXED TEETH	pag. 38

	MCP-IT FIXED PULVERIZER INTERCHANGEABLE TEETH	pag. 42
	MCP FIXED PULVERIZER FIXED TEETH	pag. 46
	PB PILE BREAKER	pag. 48

RECYCLING & SCRAPPING

	SH SHEAR	pag. 58
	MRB RAIL CUTTER	pag. 68
	MSGR ROTATING SORTING GRAPPLE	pag. 74
	MSGF SORTING GRAPPLE	pag. 78
	SD SHEAR DISMANTLER	pag. 82
	BP ORANGE PEEL GRAPPLE	pag. 86
	HM HYDRAULIC MAGNET	pag. 90

HEARTHMOVING

	MVR RIDDLING BUCKET	pag. 94
	BUCKETS	pag. 98
	QPU-QP UNIVERSAL QUICK COUPLER	pag. 104
	QC DEDICATED QUICK COUPLER	pag. 108

MBI Group

Mantovanibenne

Mirandola, Italy
 Corporate Head Office
 Research and Development
 Manufacturing
 Sales and Service



MBI Bulgaria

Kavarna, Bulgaria
 Manufacturing
 Sales and Service



MBI France

Lespinasse, France
 Sales and Service



MBI Deutschland

MBI Deutschland
 Dresda, Germany
 Sales and Service



ZMM Zhejiang Mantovani Machinery

Shangyu, China
 Manufacturing
 Sales and Service



Worldwide service

To grant a high-class service worldwide we rely on a global dealer network to supports the customer with great competence, from initial consultancy to after-sales service



Mantovanibenne

Founded in 1963, Mantovanibenne has always been a trailblazer in excavator attachments. Starting with the serial production of buckets in the early phases of its development, then the company grew its expertise and expanded the product range with the production of hydraulic attachments for the construction, demolition, recycling and earth-moving industries.



Today, as head of the multinational MBI Group, Mantovanibenne continues to lead the way towards the attachments of tomorrow, especially in the demolition and recycling industries where MBI crushers, pulverizers and Eagle Shears are globally recognized and appreciated.

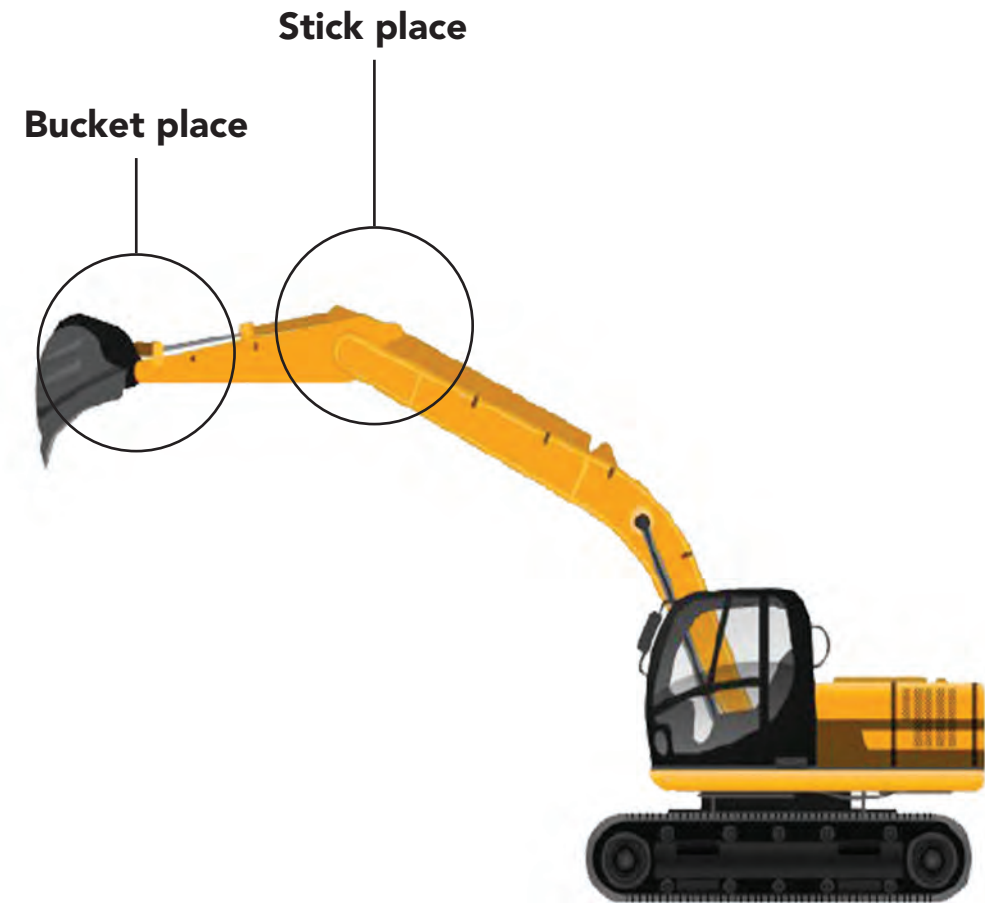


Catalogue Standard Information:

The weight of MBI products is generally inclusive of standard head bracket, unless otherwise specified. The real weight might change according to different brackets dedicated to the customer's machine or quick coupler.

The ideal coupling data shown refer to direct excavator-attachment coupling. It is necessary to evaluate the coupling with our specialized technicians if the excavator is equipped with a quick coupler.

The coupling data in the catalog refer to excavators with standard boom configurations. In case of long range, telescopic, special or other particular applications, it is necessary to contact our sales department to obtain a feasibility study.



Attachment-Machine Coupling: safety, reliability and performance

The correct matching between attachment and machine is fundamental to guarantee safety to workers, reliability to equipment and performances on the job.

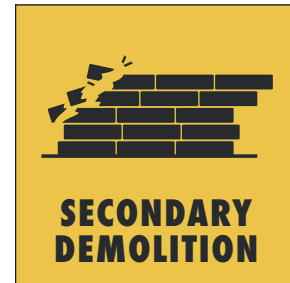
Overweight attachments may compromise machine stability and therefore safety. Conversely, undersized attachments may be damaged by excessive machine force or deliver insufficient performances.

Our range includes attachments that can be equipped on different types of construction machines and in different configurations (bucket position, boom position). These configurations modify the weight / stability ratio for a correct coupling of the equipment with the excavator. For these and other reasons, we recommend choosing the best equipment together with our qualified technicians.

Icon Legend



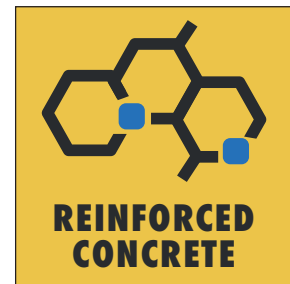
Equipment designed for demolishing a structure or building.



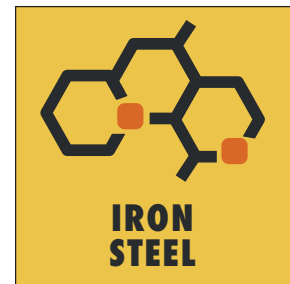
Equipment designed for crushing the material coming from primary demolition on the ground, to reduce it to a consistency that allows loading, transport, disposal and possible recycling.



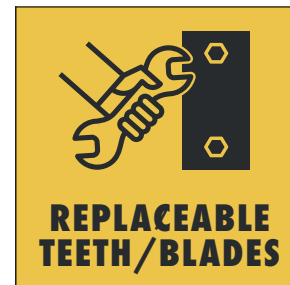
Equipment designed for handling demolition waste or other heavy material such as boulders, metal and bulky waste.



Equipment specialized in crushing reinforced concrete materials such as buildings, walls, bridges and roads.



Equipment specialized in cutting iron or steel alloy products such as beams, pylons, cables, sheets, tanks, vehicles, rails.



Equipment equipped with interchangeable parts such as teeth for penetrating concrete or blades for cutting iron.



Equipment equipped with speed valve that increases productivity e protects the hydraulic system from pressure peaks.



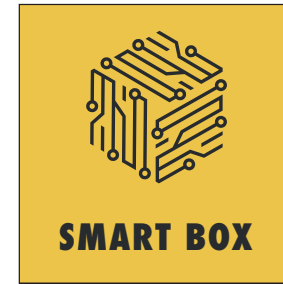
Equipment equipped with rotation 360° hydraulic system which allows the correct positioning of the equipment.



Equipment equipped with leg kit specific ones that can be equipped according to the required applications.



Equipment that allows quick and easy routine maintenance.

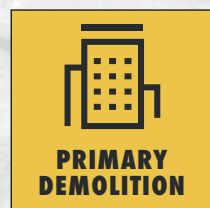


Real-time tracking of equipment performance.



BIBOOSTER technology can be equipped on selected equipment to increase crushing force and cycles per minute, with a significant reduction in total weight and fuel consumption.

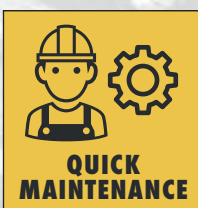
CR CRUSHER



PRIMARY
DEMOLITION



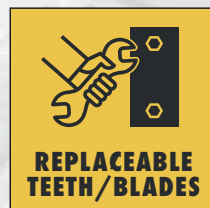
REINFORCED
CONCRETE



QUICK
MAINTENANCE



BIBOOSTER
TECHNOLOGY



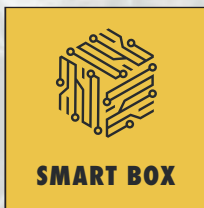
REPLACEABLE
TEETH/BLADES



SPEED
VALVE



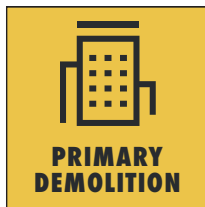
HYDRAULIC
ROTATION



SMART BOX



MAXIMUM POWER FOR PRIMARY DEMOLITION



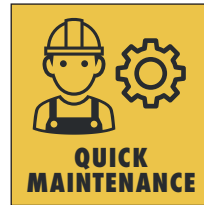
The **specific tooth profile**, studied to remain sharp despite wear, maximizes penetration.



The **Speed-Valve** improves productivity and protects the hydraulic system from pressure peaks.



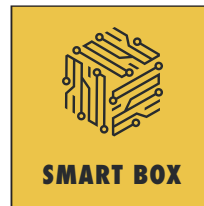
The **twin-pin system** enables a larger opening and higher power, even at maximum opening.



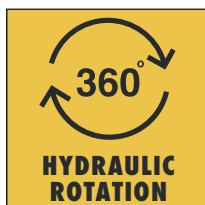
The **quick and easy routine maintenance** allows to reduce intervention times and costs.



4-sided usable cutting edges before replacement. **Interchangeable teeth.**



Real-time tracking of equipment performance.



The continuous **hydraulic rotation** enables precise positioning in high reach demolition and the double-row thrust bearing ensures high robustness and increases safety.



CR crusher can be equipped with **BIBOOSTER*** technology which multiplies the performance of the attachment, increasing the crushing force e the cycles per minute, with a sensible reduction of total weight and fuel consumption.

*check availability of models with the sales office



DATA SHEETS

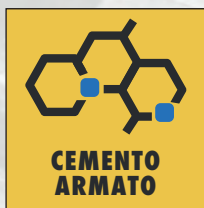
MODEL		CR2	CR4	CR5	CR5R	CR15R	CR20R	CR26R	CR26BB	CR40R	CR60R	CR80R	CR100R	CR120R	
ROTATION		Mechanical				360° Hydraulic									
EXCAVATOR WEIGHT	t	03-05	03-06	06-10	07-11	16-20	21-26	27-35	27-35	45-55	60-70	75-95	100-120	120-140	
TOOL WEIGHT *	kg	240	320	530	690	1.600	2.200	2.900	2.700	4.820	6.700	8.650	11.600	12.000	
OPENING	mm	360/0	440/25	450/0	450/0	800/0	1.050/0	1.100/0	1.100/0	1.350/0	1.580/0	1.800/0	2.050/0	2.310/320	
HEIGHT	mm	1.070	1.070	1.290	1.315	1.800	2.030	2.200	2.200	2.800	3.020	3.400	3.200	3.300	
HYDRAULIC WORKING PRESSURE	bar	180-220	250	200-250	200-250	320-350	320-350	320-350	280-320	320-350	320-350	320-350	320-350	320-350	
OIL FLOW	l/min	30-50	65	50-90	50-90	130-150	180-220	220-250	220-250	250-300	500-600	500-600	600-800	600-800	

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.
* Tool weight does include Mantovanibenne top bracket.

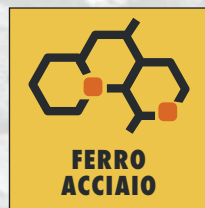
CC COMBI CRUSHER



DEMOLIZIONE
PRIMARIA



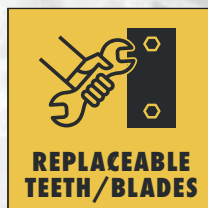
CEMENTO
ARMATO



FERRO
ACCIAIO



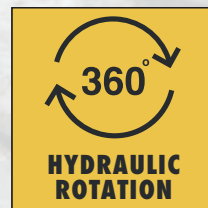
MANUTENZIONE
RAPIDA



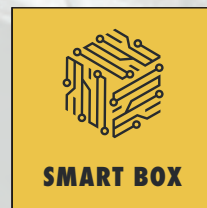
REPLACEABLE
TEETH/BLADES



SPEED
VALVE



360°
HYDRAULIC
ROTATION



SMART BOX



BIBOOSTER
TECHNOLOGY





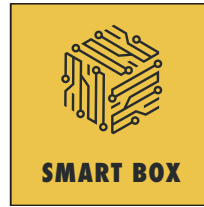
The combi crusher is designed for **primary demolition**.



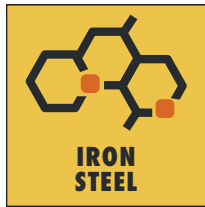
The **quick and easy routine maintenance** allows to reduce intervention times and costs.



The combination of **powerful cylinders** and **twin pin system** ensure high cutting and breaking capacities of the concrete.



Real-time tracking of equipment performance.



The jaws are equipped with **shear blades** and **cutting guides** that allow excellent cutting of metallic materials.



CC crusher can be equipped with **BIBOOSTER*** technology which multiplies the performance of the attachment, increasing the crushing force e the cycles per minute, with a sensible reduction of total weight and fuel consumption.



Interchangeable teeth and blades make maintenance simple and quick, keeping the tool at full efficiency.

*check availability of models with the sales office



The **Speed-Valve** reduces opening and closing times, improving productivity.



The continuous **hydraulic rotation** enables precise positioning in high reach demolition and the double-row thrust bearing ensures high robustness and increases safety.

THE COMBI-PRIMARY DEMOLITION



DATA SHEETS

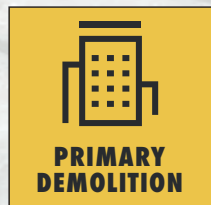
BT.CC25-90.05
REF. 97871/E.04/21 REV.01

MODEL		CC25R	CC35R	CC35RBB	CC65R	CC90R
ROTATION		360° Hydraulic				
EXCAVATOR WEIGHT	t	25-30	30-40	30-40	60-70	75-95
TOOL WEIGHT *	kg	2.500	3.500	3250	6.650	9.600
OPENING (MAX/MIN)	mm	1.000/0	1.100/0	1100/0	1.525/0	1.750/0
HEIGHT	mm	1.960	2.270	2.270	3.000	3.360
HYDRAULIC WORKING PRESSURE	bar	320-350	320-350	280-320	320-350	320-350
OIL FLOW	l/min	180-220	280-300	30-40	500-600	600-700

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.
* Tool weight does include Mantovanibenne top bracket.

DS

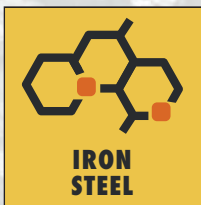
DEMOLITION SHEAR



**PRIMARY
DEMOLITION**



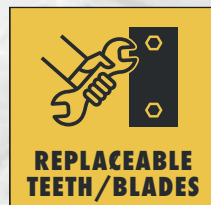
**SECONDARY
DEMOLITION**



**IRON
STEEL**



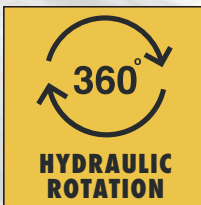
**QUICK
MAINTENANCE**



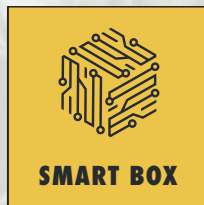
**REPLACEABLE
TEETH/BLADES**



**SPEED
VALVE**



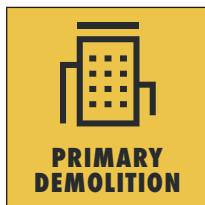
**HYDRAULIC
ROTATION**



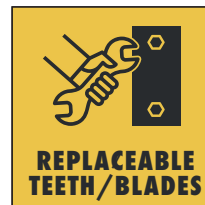
SMART BOX



DEMOLITION AND SCRAPPING



The shears are designed to demolish iron and steel structures or buildings even at great heights.



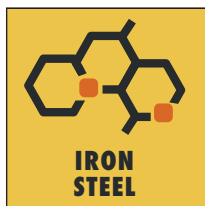
Interchangeable blades make maintenance simple and quick, keeping the tool at full efficiency.



Ideal equipment for cutting iron during demolition where strength and opening are required, even at heights.



The Speed-Valve reduces opening and closing times, improving productivity.



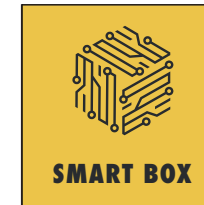
The double cylinders cutting force allow for high level performance in metal cutting.



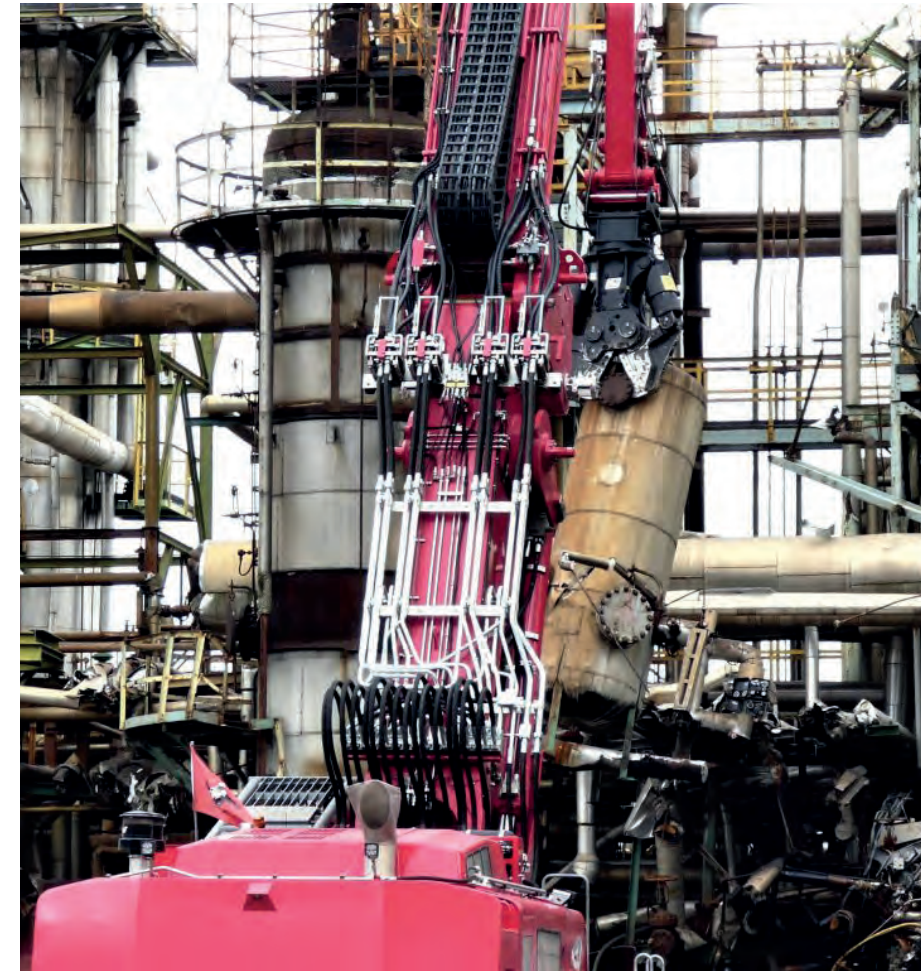
The continuous hydraulic rotation enables precise positioning in high reach demolition and the double-row thrust bearing ensures high robustness and increases safety.



The **quick and easy routine maintenance** allows to reduce intervention times and costs.



Real-time tracking of equipment performance.



DATA SHEETS

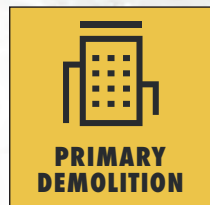
BT_DS 26-40_00_

MODEL		DS26R	DS40R
EXCAVATOR WEIGHT	t	28-40	40-55
TOOL WEIGHT*	Kg	3.050	4.550
OPENING	mm	740	820
LENGHT	mm	2.030	2.530
WORKING PRESSURE	bar	320-350	320-350
OIL FLOW	l/min	180-220	250-300

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

MS LINE

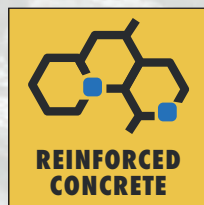
DEMOLITION MULTISYSTEM



PRIMARY DEMOLITION



SECONDARY DEMOLITION



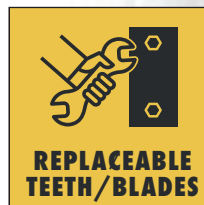
REINFORCED CONCRETE



IRON STEEL



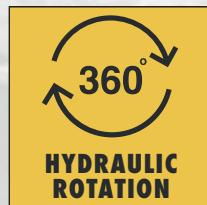
QUICK MAINTENANCE



REPLACEABLE TEETH/BLADES



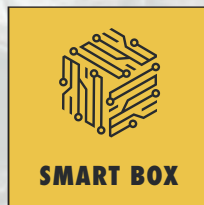
SPEED VALVE



HYDRAULIC ROTATION



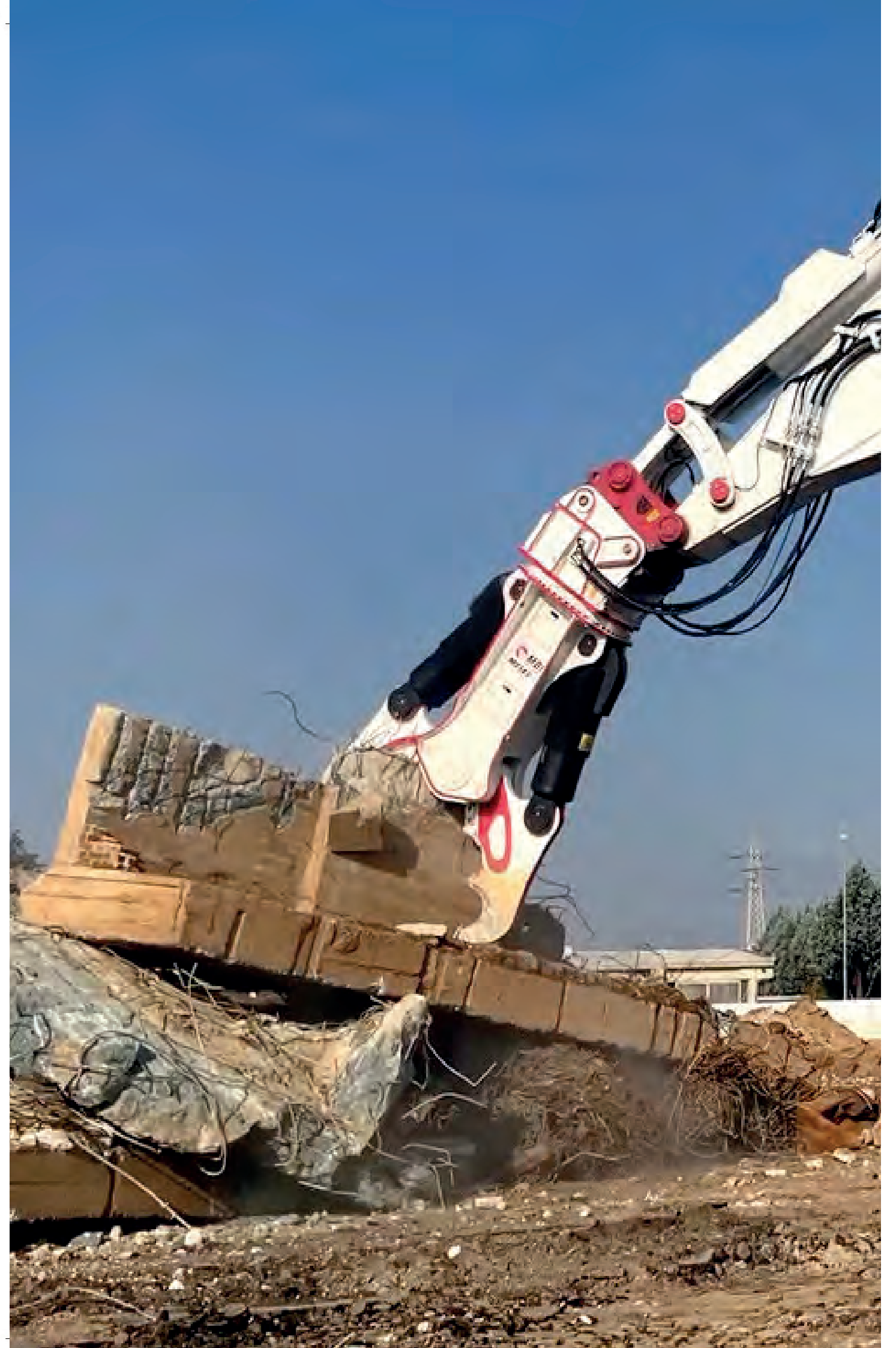
CONVERTIBLE JAW KIT



SMART BOX



BIBOOSTER TECHNOLOGY



5 EQUIPMENT IN ONE



CR CRUSHER JAWS
primary demolition of
concrete structures



CP PULVERIZER JAWS
secondary demolition
and rebars separation



CC COMBI CUTTER JAWS
demolition of heavily
reinforced concrete structures



SH SHEAR JAWS
metal structure demolition
and scrap processing



PSH PLATE SHEAR JAWS
tank demolition and
plate metal processing



The Multisystem can be adapted to **both primary and secondary** demolition depending on the kit installed.



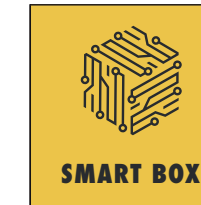
Many **different JAW KITS** are available for the MS line, literally transforming it into the perfect tool for a wide array of specific jobs.



The **quick and easy routine maintenance** allows to reduce intervention times and costs.



Powerful inverted cylinders allows to face reinforced concrete



Real-time tracking of equipment performance.



The **cutting edges** inserted in the legs allow to cut the reinforcement armor. The **shear kit** cuts scrap and iron structures



MS multisystem can be equipped with **BIBOOSTER*** technology which multiplies the performance of the attachment, increasing the crushing force e the cycles per minute, with a sensible reduction of total weight and fuel consumption.



The continuous **hydraulic rotation** enables precise positioning in high reach demolition and the double-row thrust bearing ensures high robustness and increases safety.

*check availability of models with the sales office



The **Speed-Valve** reduces opening and closing times, improving productivity.



Interchangeable teeth and blades make maintenance simple and quick, keeping the tool at full efficiency.



MS140

HEAVY LINE



MS140 is a unique equipment in terms of size and versatility. It is the largest multisystem in the world, designed for excavators from 120 to 160 tons. Thanks to the 3 sets of jaws kit the main machine body is able to transform in a concrete crusher or a metal-cutting shear.

- A **double guide** on each side keeps the jaws in **perfect alignment**.
- The **sturdy rotation** allows accurate positioning of the attachment in any working environment and in **complete safety**.
- The **Speed Valve** allows faster cycle times (opening/closing), **improving productivity**. It also protects the hydraulic circuit from pressure peaks.
- The **Crusher Jaws kit** has a 2.500 mm opening and is equipped with rebar cutting blades.
- The **Special Crusher Jaws kit** has been specially designed to **increase breaking forces by 25%**.
- The **Shear Jaws Kit** is designed for top - performance in metal structure demolition and scrap processing.



DATA SHEETS

RIF. 97878/E 04/21 REV04
BT MS09-S0 13RIF. 97878-140/E 04/21 REV01
BT MS140 02

MODEL			MS09R	MS15R	MS22R	MS28R	MS28BB	MS50R
EXCAVATOR WEIGHT WITH MS BUCKET PLACE	t		10-15	16-20	21-27	28-40	28-40	45-55
EXCAVATOR WEIGHT WITH MS STICK PLACE	t		7-10	10-15	12-18	15-24	15-24	28-38
HYDRAULIC WORKING PRESSURE	bar		300-320	320-350	320-350	320-350	280-320	320-350
OIL FLOW	l/min		90-120	130-150	180-220	220-250	220-250	250-300



MS + CRUSHER JAWS SET CR	TOOL WEIGHT *	kg	950	1.650	2.210	2.900	2.670	5.080
	OPENING	mm	650	750	890	975	975	1.200
	HEIGHT	mm	1.550	1.860	1.980	2.180	2.180	2.940



MS140R + SPECIAL CRUSHER JAWS SET	TOOL WEIGHT *	kg	o	o	o	o	o	o
	OPENING	mm	o	o	o	o	o	o
	HEIGHT	mm	o	o	o	o	o	o



MS + PULVERIZER JAWS SET CP	TOOL WEIGHT *	kg	1.015	1.700	2.250	3.120	2.890	5.450
	OPENING	mm	565	650	780	875	875	1.000
	HEIGHT	mm	1.485	1.830	1.955	2.180	2.180	2.870



MS + SHEAR JAWS SET SH	TOOL WEIGHT*	kg	950	1.700	2.200	2.950	2.720	4.930
	OPENING	mm	275	330	460	550	550	630
	HEIGHT	mm	1.415	1.800	1.995	2.185	2.185	2.945



MS + J COMBI CUTTER JAWS SET CC	TOOL WEIGHT *	kg	980	1.700	2.235	3.000	2.770	5.280
	OPENING	mm	585	700	830	875	875	1.100
	HEIGHT	mm	1.500	1.860	2.020	2.170	2.170	3.040



MS + PLATE SHEAR JAWS SET PSH	TOOL WEIGHT *	kg	o	o	2.070	2.700	2.470	4.300
	OPENING	mm	o	o	300	310	310	360
	HEIGHT	mm	o	o	1.895	2.000	2.000	2.760

HEAVY LINE

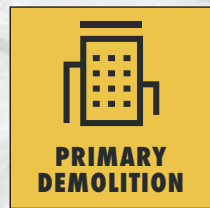
HEAVY LINE

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

* Tool weight does include Mantovanibenne top bracket. Not available

RP LINE

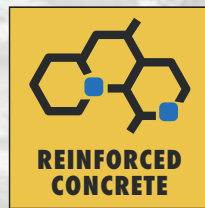
ROTATING PULVERIZERS



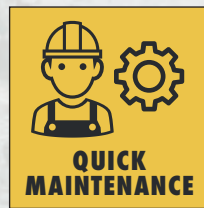
PRIMARY DEMOLITION



SECONDARY DEMOLITION



REINFORCED CONCRETE



QUICK MAINTENANCE



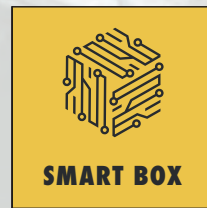
REPLACEABLE TEETH/BLADES



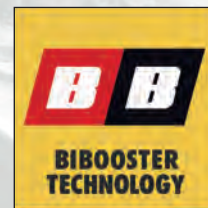
SPEED VALVE



360°
HYDRAULIC ROTATION



SMART BOX



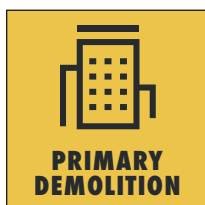
BIBOOSTER TECHNOLOGY



RP-IT

INTERCHANGEABLE TEETH

PRIMARY AND SECONDARY DEMOLITION



The **reinforced structure** of the RP-IT is designed to last for the demolition of reinforced concrete, even at height.



The **specific design** of the mouth is designed for effective ground demolition.

New **cylinder shield*** designed for the best protection in every situation.

** Check models availability with the sales office*



The **crushing process** separates the concrete from the inside iron reinforcement.



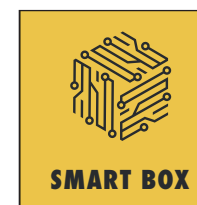
The **hydraulic rotation** enables precise positioning during in height demolitions and ground operations.



The **Speed-Valve** reduces opening and closing times, improving productivity.



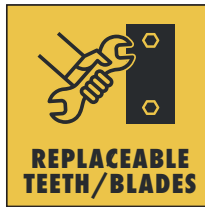
Interchangeable plates, made up of 2 independent parts, allow quick replacement of worn teeth.



Real-time tracking of equipment performance.



The **new MBI tooth design** has a sharper profile which deeply engraves the concrete. The **new fixing system** allows for easier replacement.

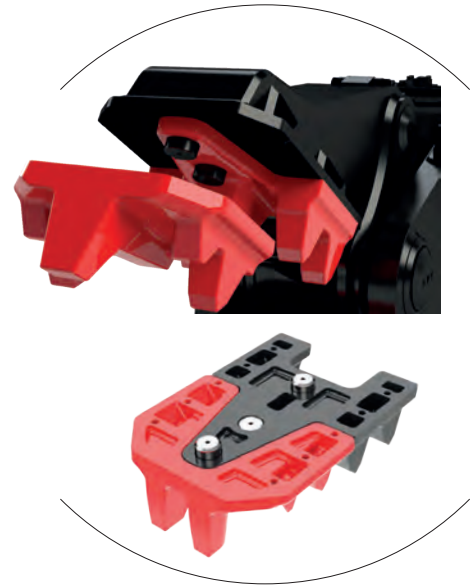


The **Interchangeable plates** are available in **two versions** with different tothing to adapt to primary or secondary demolition. The two parts that make up the plate are made by casting process that ensure high tresistance.*



RP Pulverizer can be equipped with **BIBOOSTER*** technology which multiplies the performance of the attachment, increasing the crushing force e the cycles per minute, with a sensible reduction of total weight and fuel consumption.

*check availability of models with the sales office

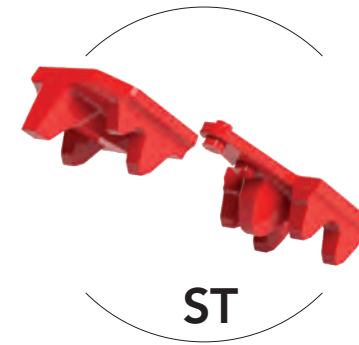


* Check availability with the sales office

UPPER JAW PLATES

SINGLE TOOTH PLATE

DOUBLE TOOTH PLATE



LOWER JAW PLATES



RP10-IT
RP16-IT
RP20-IT
RP30-IT

RP40-IT
RP50-IT
RP80-IT

DATA SHEETS

BT RPT 10-80 10
RIF 978/21/E 04/21 REV03

MODEL		RP10-IT	RP16-IT	RP20-IT	RP20BB-IT	RP30-IT	RP40-IT	RP50-IT	RP80-IT
ROTATION		360° Hydraulic							
EXCAVATOR WEIGHT	t	10-15	16-20	21-26	21-26	27-35	35-50	50-65	70-95
TOOL WEIGHT *	kg	1.100	1.690	2.000	1.950	2.850	4.100	5.200	8.200
OPENING (MAX/MIN)	mm	580	700	750	750	900	1.000	1.100	1.250
HEIGHT MAX.	mm	1.710	2.150	2.130	2.130	2.400	2.780	3.000	3.600
HYDRAULIC WORKING PRESSURE	bar	300-350	300-350	300-350	280-320	300-350	300-350	300-350	300-350
OIL FLOW	l/min	100-180	130-150	180-200	180-200	200-220	300-340	335-375	500-600
ST PLATE		●	●	●	●	●	●	●	●
DT PLATE		○	○	●	●	●	●	●	●

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

RP
FIXED TEETH

**HIGH PERFORMANCE
DEMOLITION**

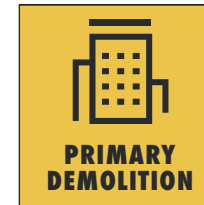


DATA SHEETS

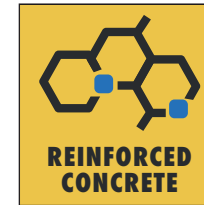
BT RP07-25 08
REF. 97872/E 04/21 REV.03

MODEL		RP07	RP16	RP18	RP25
ROTATION		360° Hydraulic			
EXCAVATOR WEIGHT	t	7-10	16-20	21-26	27-35
TOOL WEIGHT *	kg	660	1.720	2.000	2.750
OPENING	mm	500	700	760	930
HEIGHT MAX	mm	1.560	2.020	2.136	2.440
HYDRAULIC WORKING PRESSURE	bar	220-280	300-350	300-350	300-350
OIL FLOW	l/min	90-120	180-200	180-200	200-220

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.
* Tool weight does include Mantovanibenne top bracket.



RP can be used for primary and secondary demolition works.



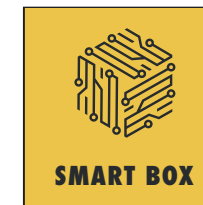
The **reinforced structure** of the RP is designed for the demolition of reinforced concrete, even at height.



The **metal armor cutting edges** are interchangeable and can be used on 4 sides before replacement.



The **hydraulic rotation** enables precise positioning during in height demolitions and ground operations.



Real-time tracking of equipment performance.

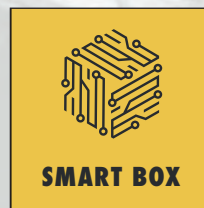
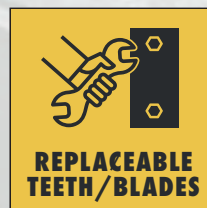
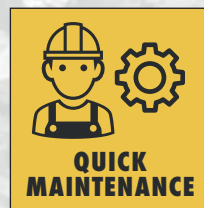
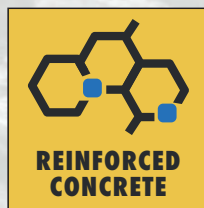
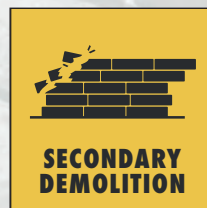


The **Speed-Valve** reduces opening and closing times, improving productivity.



MCP LINE

FIXED PULVERIZERS



MCP-IT

INTERCHANGEABLE TEETH

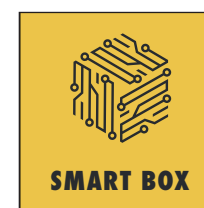
HIGH PERFORMANCE DESIGN



The **Speed-Valve** reduces opening and closing times, improving productivity.



Interchangeable plates, made up of 2 independent parts, allow quick replacement of worn teeth.

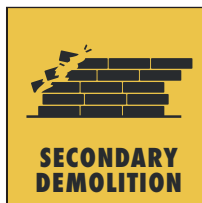


Real-time tracking of equipment performance.

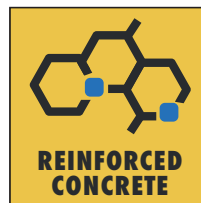


New **cylinder shield*** designed for the best protection in every situation.

* Check models availability with the sales office



The **reinforced structure** of the MCP-IT is designed for the demolition of reinforced concrete.

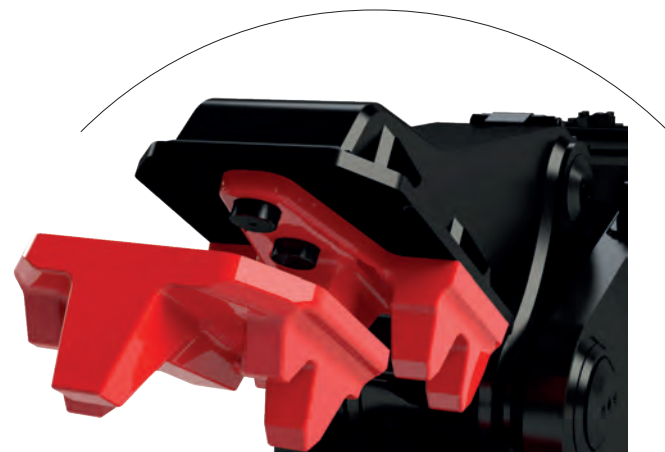


The **specific design** of the mouth is designed for effective ground demolition.



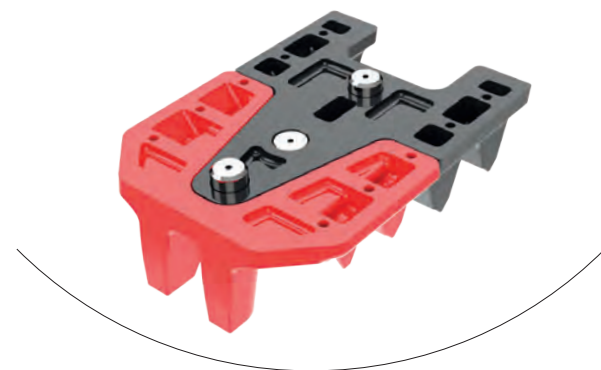
The **Interchangeable plates** are available in **two versions** with different tothing to adapt to the kind of demolition to face.

The two parts that make up the plate are made by casting process that ensure high resistance.



* Available for MCP800-IT, MCP910-IT

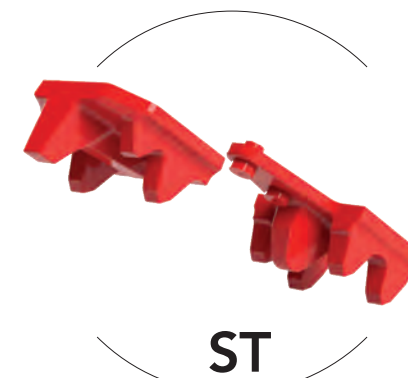
* Check availability with the sales office



UPPER JAW PLATES

SINGLE TOOTH PLATE

DOUBLE TOOTH PLATE



LOWER JAW PLATES



DATA SHEETS

RIF. 97877IT/E 04/21 REV.03 BT MCPIT 600-1300 04

MODEL		MCP600-IT	MCP800-IT	MCP910-IT	MCP1000-IT	MCP1300-IT
EXCAVATOR WEIGHT	t	11-18	18-27	28-38	39-50	60-90
TOOL WEIGHT *	kg	1.050	2.200	3.100	4.200	8.000
OPENING	mm	620	830	1.000	1.150	1.300
HEIGHT MAX	mm	1.600	2.070	2.400	2.700	3.250
ST PLATE		●	●	●	●	○
DT PLATE		●	●	●	●	●
HYDRAULIC WORKING PRESSURE	bar	280-320	280-320	280-320	280-320	320-350
OIL FLOW	l/min	100-180	180-220	300-340	335-375	500-600

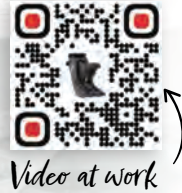
We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

* Tool weight does include Mantovanibenne top bracket.

MCP

FIXED TEETH

PROCESS LARGE VOLUMES OF MATERIAL ON THE GROUND



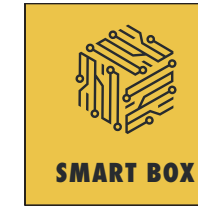
MCP ensures great performance thanks to a **simple and essential design**. It is designed for **secondary demolition** work on the ground.



The **metal armor cutting** edges are interchangeable and can be used on 4 sides before replacement.



The **crushing process** separates the concrete from the inside iron reinforcement.



Real-time tracking of equipment performance



The **Speed-Valve** reduces opening and closing times, improving productivity.

DATA SHEETS

REF: 97877/E 04/21 REV.03 BT MCP300-480 06

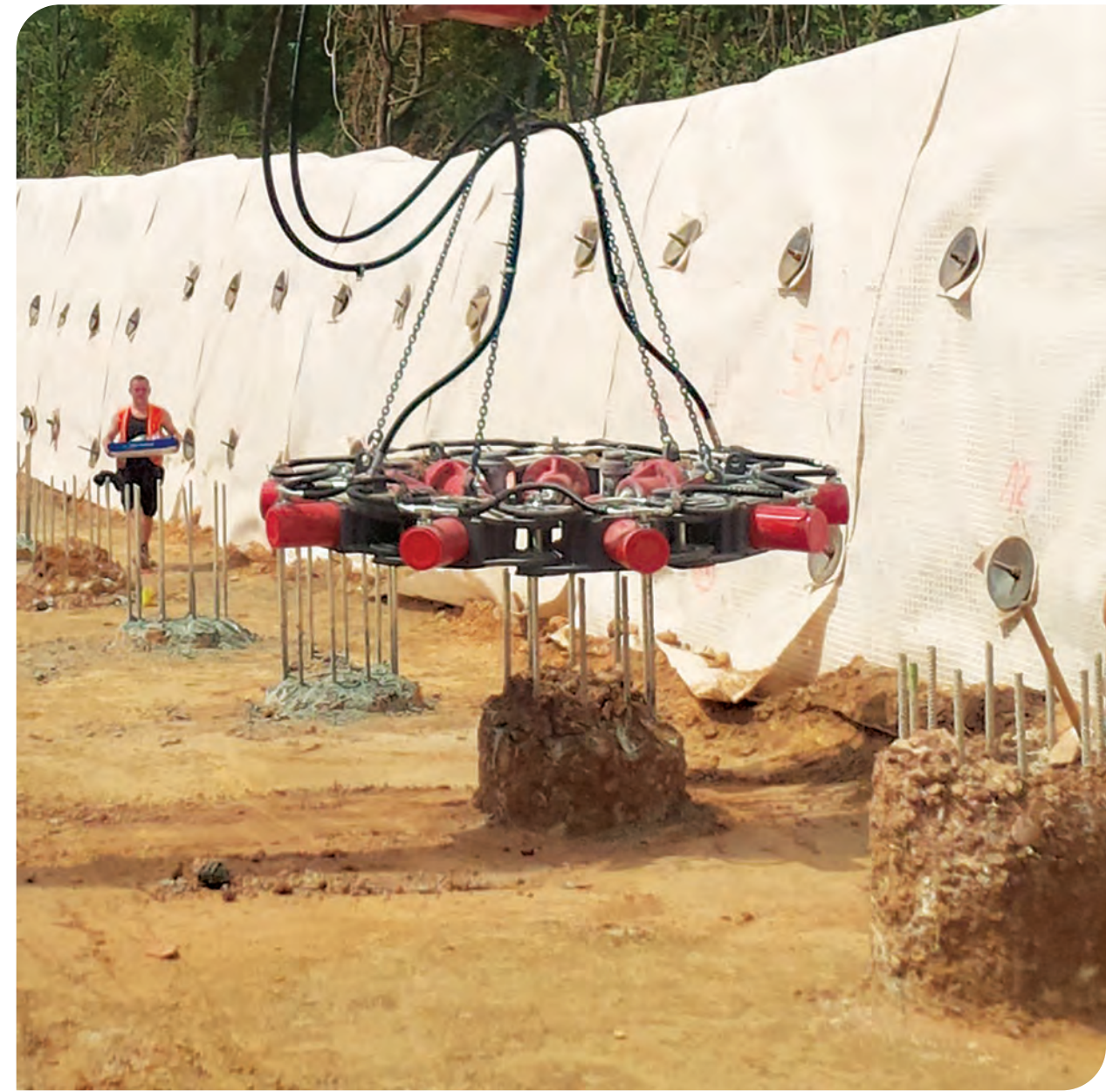
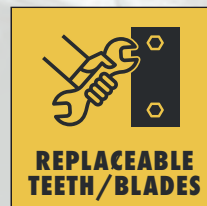
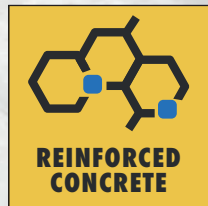
MODEL		MCP300	MCP480	MCP800	MCP910
EXCAVATOR WEIGHT	t	2-4	5-10	18-27	28-38
TOOL WEIGHT *	kg	150	490	2.050	2.850
OPENING	mm	300	480	850	1.000
HEIGHT MAX	mm	770	1.225	2.070	2.400
ST PLATE	bar	200-250	220-280	280-320	280-320
DT PLATE	l/min	30-60	80-100	180-220	220-280

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

* Tool weight does include Mantovanibenne top bracket.

PB

PILE BREAKER

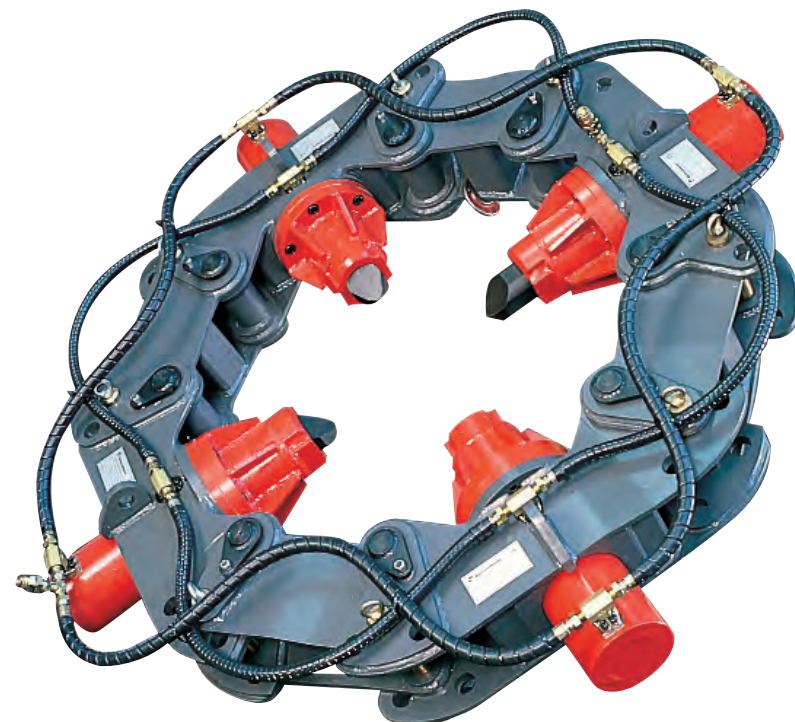


DEMOLISH TO REBUILD

Round pile breaker



Square pile breaker



The **PB** allows it to embrace the pylon and crush the concrete, leaving the reinforcement inside intact.

The simple and balanced lifting system allows the use of PB with cranes, excavators, loaders or other construction machinery.

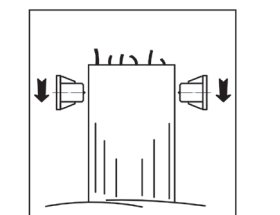
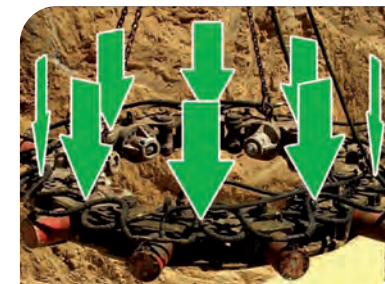


Thanks to the cylinder modules and connectors in both light and heavy versions, the **PB** is able to cut concrete from pillars of different sizes and thicknesses.

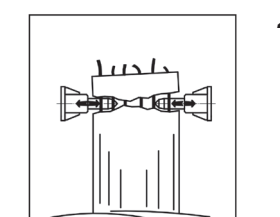
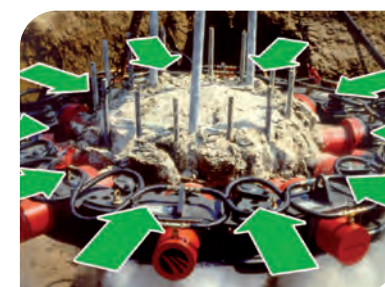


The **PB** can be equipped with different bit kits for quick maintenance and adaptability of the equipment to specific jobs.

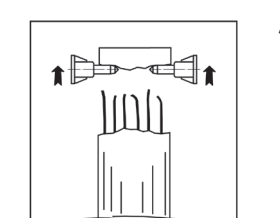
How does it work?



Position the PB around the pile

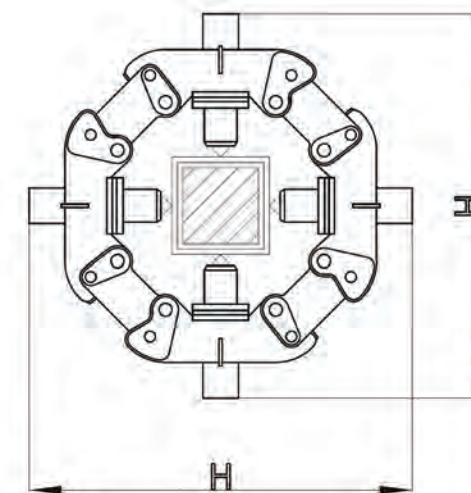


Activating the oilflow, PB crushes the concrete part without damaging the lower structure

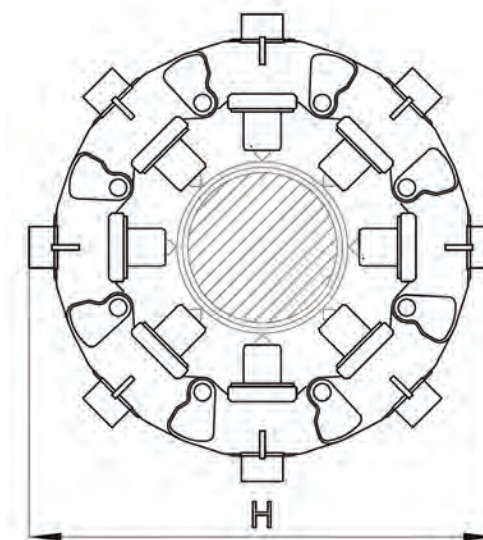


Lifting up, PB takes out the concrete and leaves the steel rods free

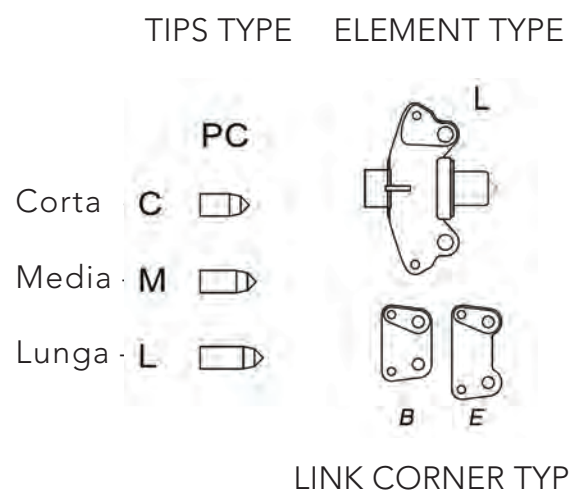
PILE BREAKER LIGHT SERIES



PB CONFIGURATION
ELEMENTS + LINK CORNER



PB CONFIGURATION
WITH ELEMENTS ONLY



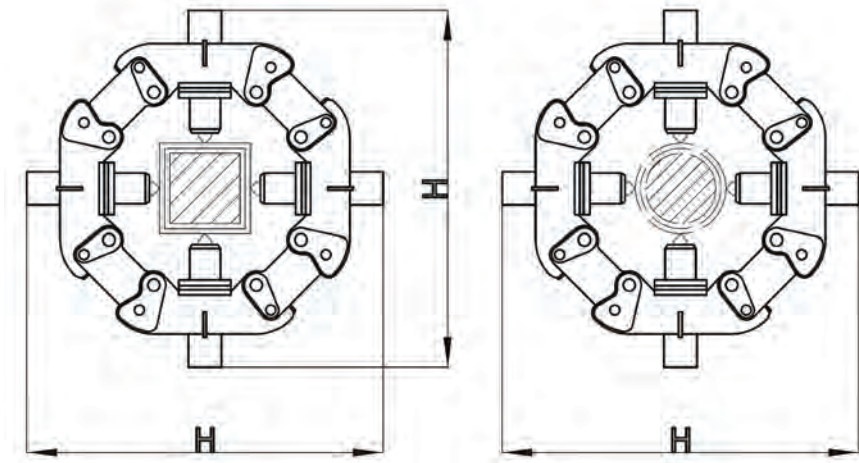
DATA SHEETS

SIDE/DIAMETER PILE (mm) ± 10 mm	ROUND PILES							ROUND PILES					SQUARED PILES / ROUND PILES				
	0-400	450	500	550	600	650	700	750	800	850	900	0-250	300	350-400	450	500	
EXCAVATOR WEIGHT	t	10-15		10-15			15-20		15-20			10-15		10-15			
ELEMENTS	n°	6 L	6 L	7 L	7 L	7 L	8 L	8 L	8 L	9 L	9 L	9 L	4L+4B	4L+4B	4L+4E	4L+4E	4L+4E
TIP TYPE		M	C	L	M	C	L	M	C	L	M	C	M	C	L	M	C
TOOL WEIGHT	kg	1.075		1.250			1.425		1.600			850		870			
HYDRAULIC WORKING PRESSURE	bar	320-350		320-350			320-350		320-350			320-350		320-350			
OIL FLOW	l/min	150		175			200		225			100		100			
DIMENSION H	mm	1.700		1.900			2.050		2.200			1.650		1.775			

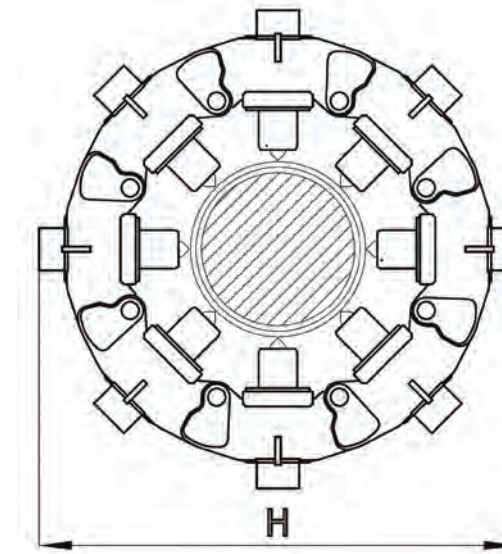
REF. 9780/E0421 REV.01

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

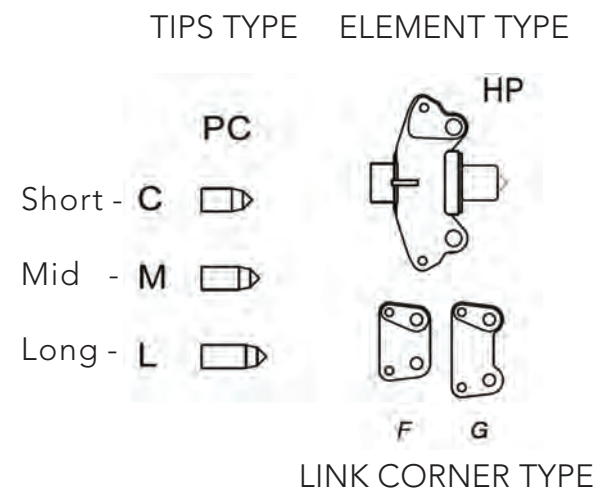
PILE BREAKER HEAVY SERIES



PB CONFIGURATION - SQUARE AND ROUND ELEMENTS + LINK CORNER



PB CONFIGURATION WITH ELEMENTS ONLY

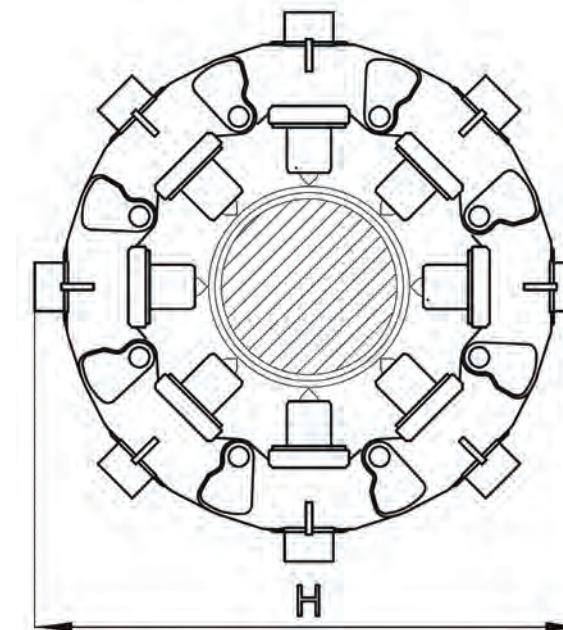


DATA SHEETS

SIDE/DIAMETER PILE (mm) ± 10 mm	SQUARED PILES / ROUND PILES					
	0-500	500-550	550-600	650-700	700-750	750-800
EXCAVATOR WEIGHT	t	16-20			16-20	
ELEMENTS	n°	4HP + 4F	4HP + 4F	4HP + 4F	4HP + 4G	4HP + 4G
TIP TYPE		L	M	C	L	M
TOOL WEIGHT	kg	1.670			1.740	
HYDRAULIC WORKING PRESSURE	bar	320-350			320-350	
OIL FLOW	l/min	100			100	
DIMENSION H	mm	2.300			2.480	

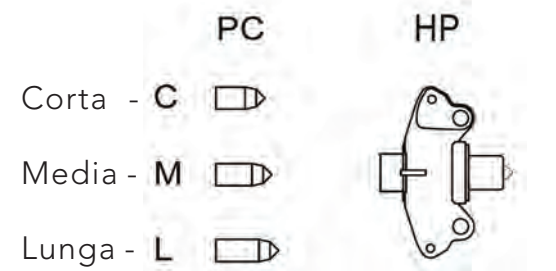
BT PBL 06 - PBLH 06
RIF. 97880/E 04/21 REV.01

PILE BREAKER HEAVY SERIES



PB CONFIGURATION WITH ELEMENTS ONLY

TIPS TYPE ELEMENT TYPE



LINK CORNER TYPE

DATA SHEETS

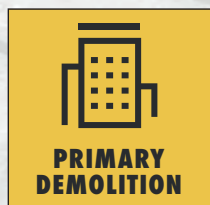
RIF. 97880/E 04/21 REV.01 BT PBL 06 - PBH 06

SIDE/DIAMETER PILE (mm) ± 10 mm	ROUND PILES																		
	750-800	850	900	900-950	1000	1050	1100-1150	1200	1250	1250-1300	1350	1400	1450	1500	1550-1600	1650-1700	1750	1800	
EXCAVATOR WEIGHT	t	20-25			20-25			25-30			25-30			30-35			30-35		
ELEMENTS	n°	8HP	8HP	8HP	9HP	9HP	9HP	10HP	10HP	10HP	11HP	11HP	11HP	12HP	12HP	12HP	13HP	13HP	13HP
TIP TYPE		L	M	C	L	M	C	L	M	C	L	M	C	L	M	C	L	M	C
TOOL WEIGHT	kg	2.600			2.925			3.250			3.575			3.900			4.225		
HYDRAULIC WORKING PRESSURE	bar	320-350			320-350			320-350			320-350			320-350			320-350		
OIL FLOW	l/min	200			225			250			275			300			325		
DIMENSION H	mm	2.500			2.700			2.900			3.050			3.250			3.420		

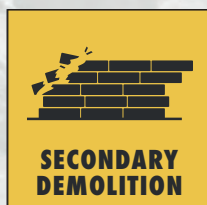
We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

SH

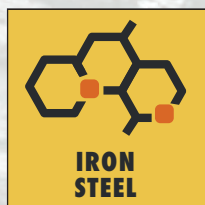
SHEAR



**PRIMARY
DEMOLITION**



**SECONDARY
DEMOLITION**



**IRON
STEEL**



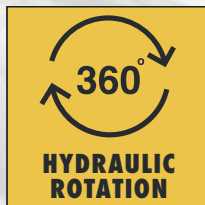
**QUICK
MAINTENANCE**



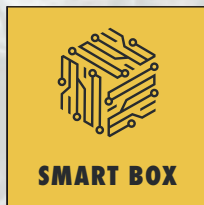
**REPLACEABLE
TEETH/BLADES**



**SPEED
VALVE**



**HYDRAULIC
ROTATION**



SMART BOX

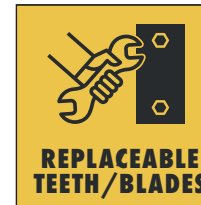


FAST AND EFFECTIVE DEMOLITION

SH EAGLE 2



SH EAGLE 3



Interchangeable tip and blades make maintenance simple and quick, keeping the tool at full efficiency



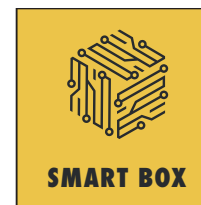
The **Speed-Valve** reduces opening and closing times, improving productivity.



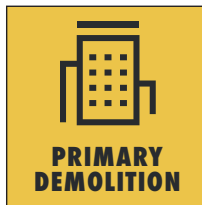
The continuous **hydraulic rotation** enables precise positioning in high reach demolition and the double-row thrust bearing ensures high robustness and increases safety.



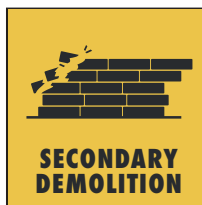
The **quick and easy routine maintenance** allows to reduce intervention times and costs.



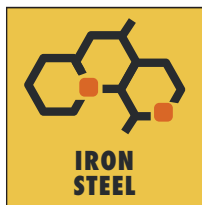
Real-time tracking of equipment performance.



The shear is designed to demolish **iron and steel** structures or buildings, large means of transport such as aircraft or boats, tanks and cisterns.



The ideal tool for **scrap and recycling** of ferrous material destined for new life.



Redesigned jaws and increased cutting force allow for high level performance in metal cutting.



NEW SHEAR GENERATION



New Compact Frame

The new design features a **smaller frame**, a unique weight-performance-ratio and **greater stability** of the excavator thanks to the center of gravity being moved to the rear.



New Upper Jaw Design

Machined in every part, completely redesigned to operate with absolute stability and precision, **made from a single element without welding**; equipped with a new type of exchangeable piercing tip that offers greater protection and reliability, with easier maintenance, reduced costs and downtime. The **blade seats are milled from the solid to increase resistance.**



Up To 30% More Cutting Force

The Eagle 3 line has been designed to **increase the cutting force** on all models, the new design of the jaws allows up to **9% larger opening** to maximize work when scrapping.



New Oversized Cylinder

The cylinder is inverted to protect the rod inside, the enlarged bore develops **more power** by **accelerating the cycles** (opening and closing speed). **Completely forged rod from the solid**, ensuring superior resistance compared to a conventional cylinder. Equipped with **premium quality seals** that can last over **3.000 hours.**

New Jaws Processing System

Before cutting the jaws, the plates are pre-heated and then cooled down with a thermal blanket and then completely milled to keep the mechanical characteristics of the steel unchanged and to avoid possible weakening due to high temperatures during both, the cutting process and the machining phase.



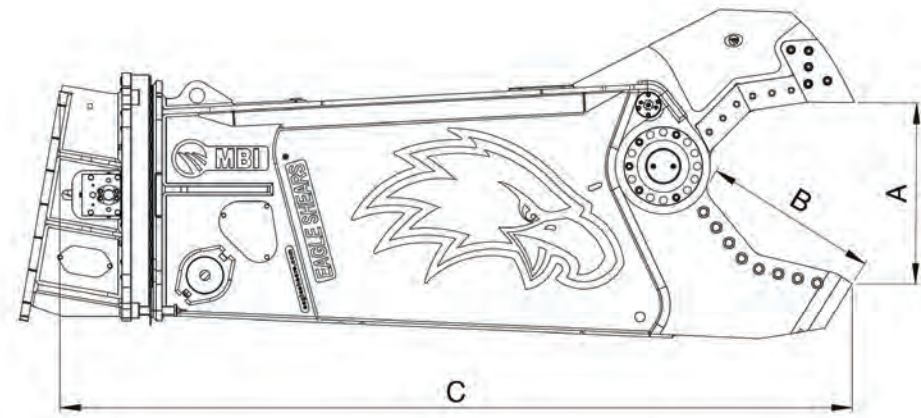
New Cutting System

A single integrated guide puck allows the upper jaw to use **100% of the cutting capacity** even at difficult angles, such as when cutting tanks and reduces the deflection of the upper jaw. This results in increased productivity.

New Armored Plates

The most heavily used parts are **armored** with interchangeable **Hardox® 500** steel plates installed on the jaw profiles to avoid frequent maintenance operations that could affect the operational readiness of the shear. The armoring allows the shear to resist any impact without altering their structure, maintaining a very high level of wear resistance. Once worn, the armored parts can be replaced, restoring the longevity of the equipment.





DATA SHEETS



BT SH25-50_08_SH100-900_11_SH2000_02_SH1500_03
BT SH250-800_E3_00 BT SH1500_E3_00

REF. 97874/E 04/21 REV.09

MODEL	DIMENSIONS			WEIGHT			HYDRAULIC		
	A	B	C	EXCAVATOR WEIGHT (bucket place)	EXCAVATOR WEIGHT (stick place)	ATTACHMENT WEIGHT (with adapter)	WORKING PRESSURE	OIL FLOW	SPEED-VALVE
	mm	mm	mm	t	t	kg	bar	l/min	
360° HYDRAULIC ROTATION									
EAGLESHEARS 2									
SH25R	195	200	1.350	5-7	2-4	380	200-250	60-100	○
SH50R	290	290	1.900	7-10	4-6	650	250-300	80-100	○
SH100R	375	395	2.000	11-13	7-10	1.100	250-300	90-110	●
SH130R	375	395	2.100	13-17	8-12	1.220	250-300	90-110	●
SH180R	445	525	2.700	18-25	14-18	2.100	320-350	150-200	●
SH310R	565	630	3.300	30-40	20-28	3.300	320-350	200-250	●
SH410R	670	720	3.700	45-55	28-35	4.700	320-350	250-300	●
SH550R	760	780	3.950	55-70	35-45	5.750	320-350	275-375	●
SH700R	830	840	4.300	75-85	45-60	7.700	320-350	500-600	●
SH900R	940	950	4.600	90-110	60-80	10.100	320-350	600-700	●
SH2000R	1.200	1.200	6.000	170-200	110-150	21.000	320-350	700-1.000	●
EAGLESHEARS 3									
NEW SH200R	500	550	2.525	18-25	14-18	2.150	320-380	170-200	●
SH250R	530	570	2.700	24-29	17-19	2.600	320-380	200-250	●
SH320R	620	640	2.975	30-40	20-28	3.300	320-280	250-300	●
SH490R	730	760	3.450	45-55	28-35	5.150	320-380	300-350	●
SH600R	780	800	3.710	55-70	35-45	6.360	320-380	400-500	●
NEW SH800R	900	890	3.980	75-85	45-60	8.700	320-380	600-700	●
SH1100R	1.000	1.000	4.600	90-110	60-80	11.000	320-350	600-700	●
SH1500R	1.100	1.100	4.800	120-170	80-110	15.000	320-380	800-1.000	●
SH2200R	1.250	1.290	5.550	170-300	110-160	22.000	320-350	800-1.000	●



We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

* Tool weight does include Mantovanibenne top bracket.

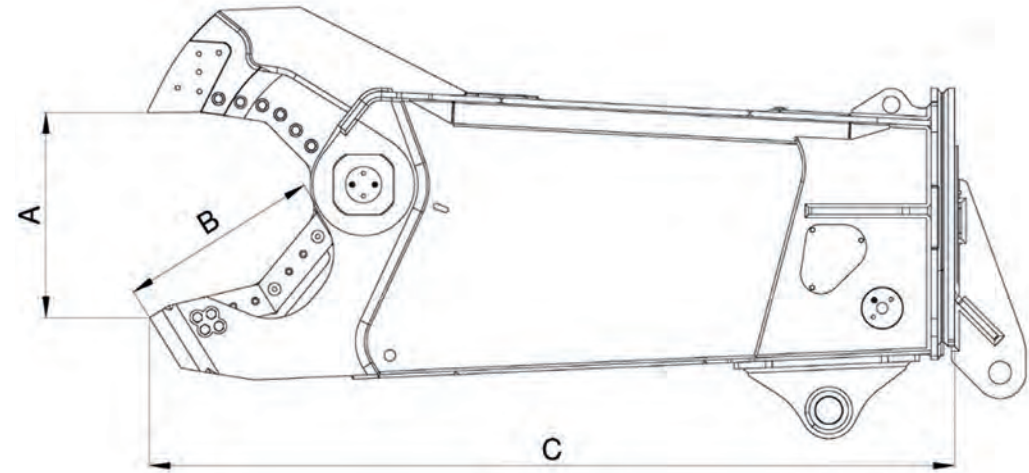
○ Not available ● Available

SH-F

FIXED SHEARS LINE



NEW



DATA SHEETS

MODEL	DIMENSIONS			WEIGHT			HYDRAULIC		
	A	B	C	EXCAVATOR WEIGHT (bucket place)	EXCAVATOR WEIGHT (stick place)	ATTACHMENT WEIGHT (with adapter)	WORKING PRESSURE	OIL FLOW	SPEED-VALVE
	mm	mm	mm	t	t	kg	bar	l/min	
EAGLESHEARS 2									
SH310F	565	630	2.850	25	15	2.800	320-350	200-250	●
SH410F	670	720	3.200	32	20	4.100	320-350	250-300	●
SH550F	760	780	3.500	40	25	5.250	320-350	275-375	●
SH700F	830	840	3.730	60	30	6.750	320-350	500-600	●
SH900F	940	950	4.070	80	40	9.100	320-350	600-700	●
SH2000F	1.200	1.200	5.400	140*	100*	19.500	320-350	700-1.000	●
EAGLESHEARS 3									
NEW SH200F	500	550	2.150	15	10	1.650	320-380	170-200	●
SH250F	530	570	2.350	22	15	2.400	320-380	200-250	●
SH320F	620	640	2.600	27	18	3.000	320-380	250-300	●
SH490F	730	760	3.000	32	20	4.400	320-380	300-350	●
SH600F	780	800	3.250	40	25	5.500	320-380	400-500	●
SH800F	900	890	3.550	60	30	7.000	320-380	600-700	●
NEW SH1100F	1.000	1.000	4.070	80	40	9.100	320-350	600-700	●
SH1500F	1.100	1.100	4.400	100*	70*	12.500	320-380	800-1.000	●
SH2200F	1.250	1.290	5.100	140*	100*	19.500	320-350	800-1.000	●

When **power** is more important than maneuverability, a shear without rotation can be the right choice.

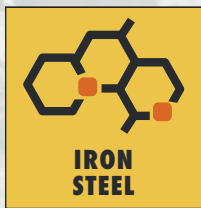
The fixed version is **sensibly lighter and shorter** compared to the equivalent rotating model, so the same excavator can carry a bigger and more powerful shear.

The new Eagle 3 fixed version is even shorter than the Eagle 2 version, offering improved performance with reduced overall dimensions.



MRB

RAIL BREAKER



IRON
STEEL



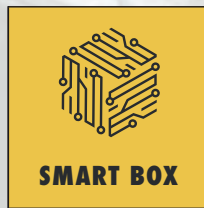
QUICK
MAINTENANCE



REPLACEABLE
TEETH/BLADES



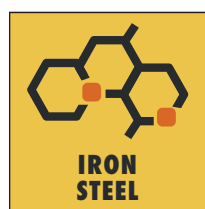
360°
HYDRAULIC
ROTATION



SMART BOX

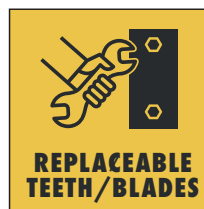


DEMOLITION AND RAIL SCRAPPING



Specific equipment for cutting railway, tramway and underground rails.

Specific profile to face a section with asymmetrical double T-beam up to category 60E1*, grado 900 N/mm2.



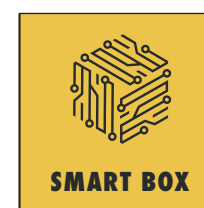
Interchangeable blades make maintenance simple and quick, keeping the tool at full efficiency.



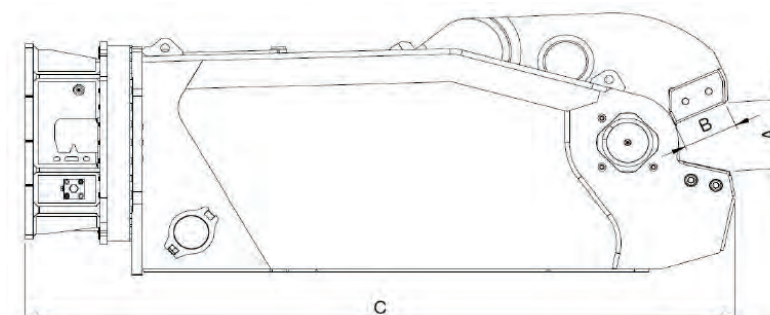
The continuous hydraulic rotation allows the precise and fast alignment to the track.



The **quick and easy routine maintenance** allows to reduce intervention times and costs.



Real-time tracking of equipment performance.



DATA SHEETS

MODEL		MRB30R
ROTATION		360° Hydraulic
EXCAVATOR WEIGHT (bucket place)	t	25-35
EXCAVATOR WEIGHT (stick place)	t	18-25
ATTACHMENT WEIGHT	kg	2.870
OPENING	mm	250
LENGHT	mm	2.450
WORKING PRESSURE	bar	300-320
OIL FLOW	l/min	200-250
A	mm	250
B	mm	190
C	mm	2.450

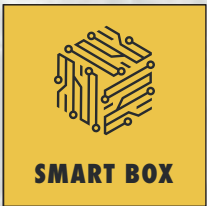
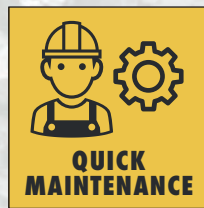
* Tool weight does include Mantovanibenne top bracket.

BT_MRC30_00

*Rails according to Din EN 13674-41

MSG LINE

SORTING GRAPPLES



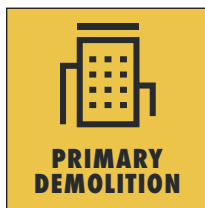
MSGR

ROTATING GRAPPLES

HANDLING AND DEMOLITION



Video at work



The **reinforced body structure** and double cylinder hydraulic system allows the use of the **MSGR** for heavy tasks such as demolition of brick buildings.



Quick handling of demolition residues, rock blocks, tree trunks. Equipped with a load lock valve that prevents the valve from opening without operator control.



The **new hydraulic system** improves performance and durability, simplifying maintenance operations.

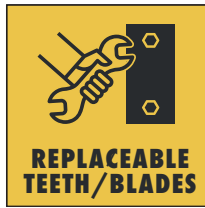


New Parker® twin motors with **new pressure valve** equipped on heavier models*
* Starting from MSG1000R



Real-time tracking of equipment performance.





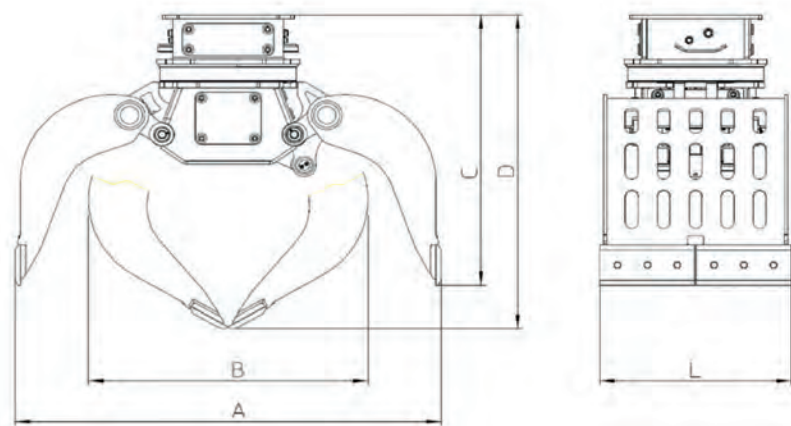
Interchangeable standard blades can be turned twice before replacement. Blades kit and side closing kit are available for specific jobs.



Four leg kits available for adapt to any type of work. Each grapple comes with grilled bottom leg kit unless otherwise specified.

New toothed blades designed to grip and handle boulders

New side closure designed to increase load capacity and improves handling of small materials.



Grilled bottom leg kit

Ribbed bottom leg kit



Closed bottom leg kit

Rock leg kit



DATA SHEETS

NEW

NEW

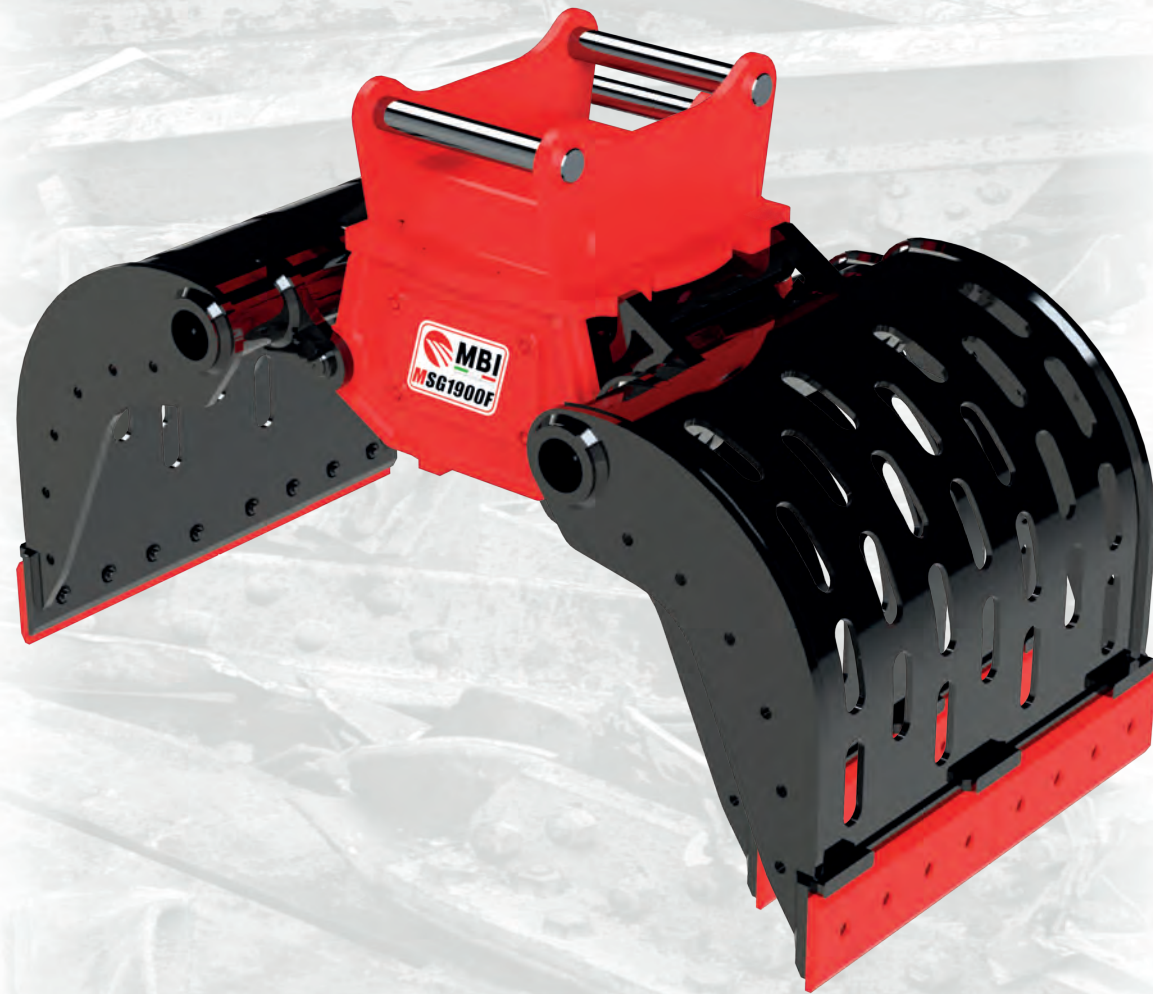
MODEL		MSG 200R	MSG 300R	MSG 450R	MSG 600R	MSG 850R	MSG 900R	MSG 1000R	MSG 1100R	MSG 1200R	MSG 1500R	MSG 1900R	MSG 2500R	MSG 2700R	MSG 3000R
EXCAVATOR WEIGHT	t	1,5-3	3-6	5-8	7-11	10-15	14-17	14-18	16-20	18-22	21-25	25-30	30-35	35-40	40-50
TOOL WEIGHT *	kg	175	300	565	750	860	1.030	1.330	1.400	1.480	1.570	2.260	2.520	2.570	3.300
CAPACITY	l	50	100	200	300	400	500	500	600	700	800	900	1.000	1.100	1.350
A	mm	900	1.100	1.500	1.650	1.700	1.915	2.000	2.000	2.000	2.100	2.230	2.240	2.240	2.450
B	mm	620	715	1.030	1.090	1.100	1.220	1.300	1.300	1.300	1.430	1.400	1.420	1.455	1.578
C	mm	725	800	1.100	1.130	1.140	1.220	1.340	1.340	1.340	1.370	1.490	1.500	1.500	1.565
D	mm	790	910	1.240	1.310	1.340	1.430	1.550	1.550	1.550	1.600	1.745	1.770	1.770	1.854
L	mm	400	500	600	600	800	900	750	900	1.000	1.000	1.200	1.300	1.350	1.500
HYDRAULIC WORKING PRESSURE	bar	200-250	200-250	200-250	250-300	300-320	300-350	300-350	300-350	300-350	300-350	300-350	300-350	300-350	300-350
OIL FLOW	l/min	5-8	10-15	20-30	20-30	20-30	50-60	50-60	50-60	50-60	50-60	70-80	70-80	70-80	100-120

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

MSGF

FIXED GRAPPLES

HIGH DURABILITY



The **reinforced body structure** and double cylinder hydraulic system allows the use of the MSGF for heavy tasks such as demolition of brick buildings.

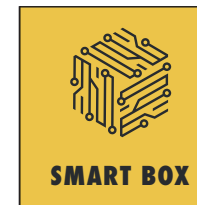


Quick handling of demolition residues, rock blocks, tree trunks. Equipped with a load lock valve that prevents the valve from opening without operator control.

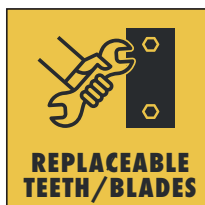
The legs can be customized with a closed, gridded or ribbed bottom.



The **new hydraulic system** improves performance and durability, simplifying maintenance operations.



Real-time tracking of equipment performance.



Interchangeable standard blades can be turned twice before replacement.

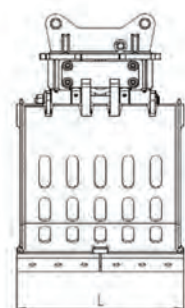
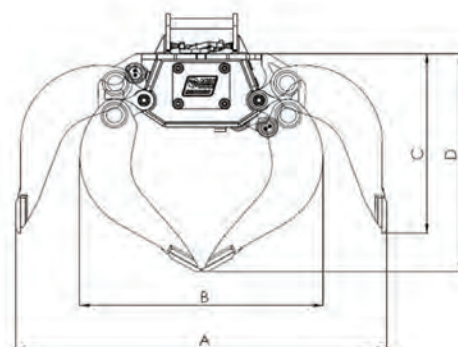
Blades kit and side closing kit are available for specific jobs.



Four leg kits available for adapt to any type of work. Each grapple comes with grilled bottom leg kit unless otherwise specified.

New toothed blades designed to grip and handle boulders.

New side closure designed to increase load capacity and improves handling of small materials.



Grilled bottom leg kit

Ribbed bottom leg kit



Closed bottom leg kit

Rock leg kit



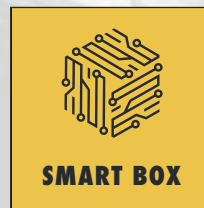
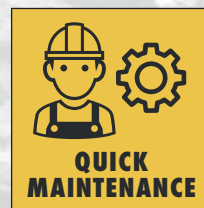
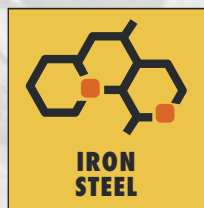
DATA SHEETS

		NEW											
MODEL		MSG 450F	MSG 600F	MSG 850F	MSG 900F	MSG 1000F	MSG 1100F	MSG 1200F	MSG 1500F	MSG 1900F	MSG 2500F	MSG 2700F	MSG 3000F
EXCAVATOR WEIGHT	t	5-8	7-11	10-15	14-17	14-18	16-20	18-22	21-25	25-30	30-35	35-40	40-50
TOOL WEIGHT *	kg	410	555	665	820	910	980	1.055	1.142	1.720	1.980	2.030	2.650
CAPACITY	l	200	300	400	500	500	600	700	800	900	1.000	1.100	1.350
A	mm	1.500	1.650	1.700	1.915	2.000	2.000	2.000	2.100	2.230	2.240	2.240	2.450
B	mm	1.030	1.090	1.100	1.220	1.300	1.300	1.300	1.430	1.400	1.420	1.455	1.578
C	mm	810	865	880	915	1.000	1.000	1.000	1.030	1.120	1.120	1.120	1.165
D	mm	950	1.050	1.050	1.125	1.215	1.215	1.215	1.270	1.370	1.370	1.370	1.495
L	mm	600	600	800	900	750	900	1.000	1.000	1.200	1.300	1.350	1.500
HYDRAULIC WORKING PRESSURE	bar	200-250	250-300	300-320	300-350	300-350	300-350	300-350	300-350	300-350	300-350	300-350	300-350
OIL FLOW	l/min	20-30	20-30	20-30	50-60	50-60	50-60	50-60	50-60	70-80	70-80	70-80	70-80

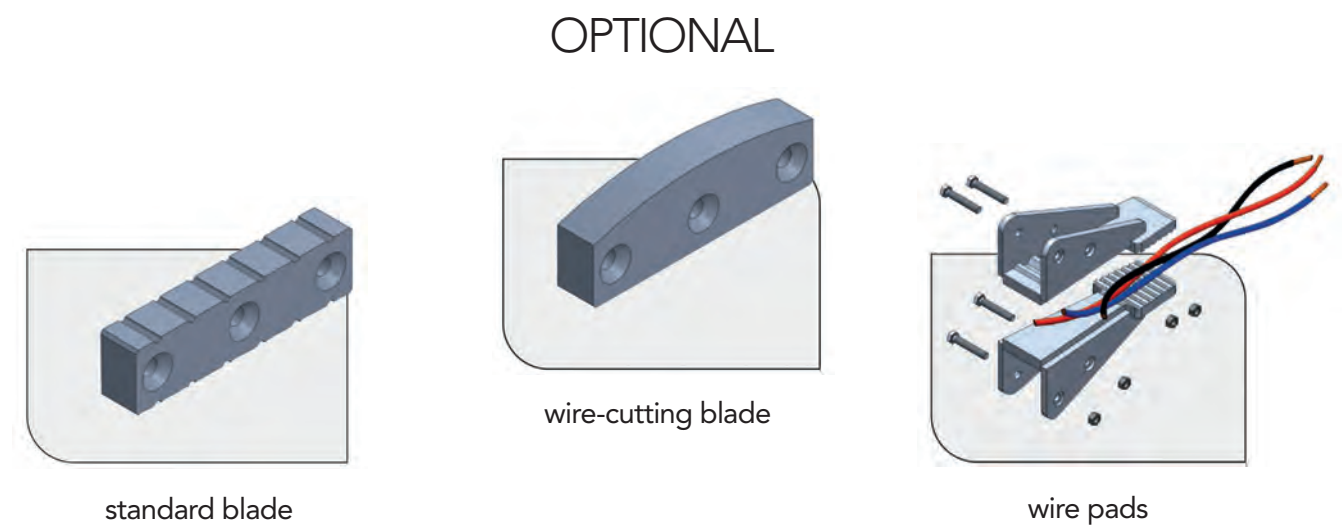
We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

SD

SHEAR DISMANTLER



EXTRACTION AND SCRAPPING

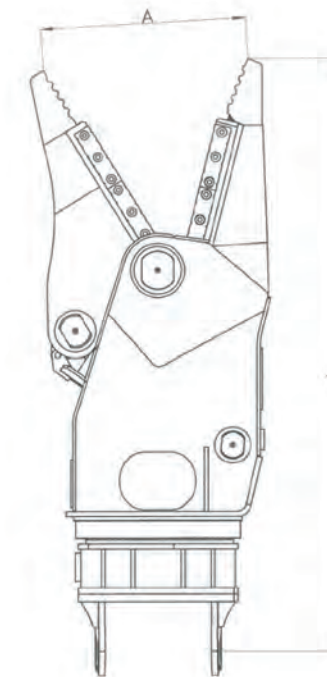


standard blade

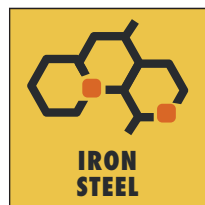
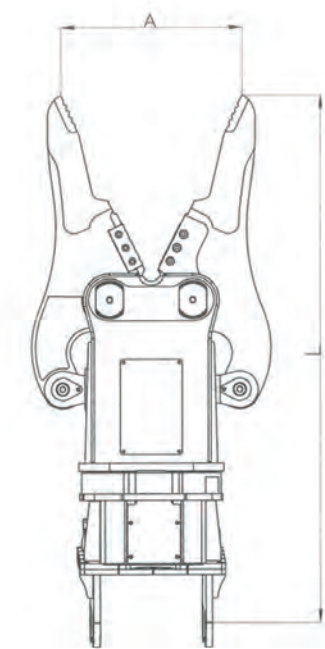
wire-cutting blade

wire pads

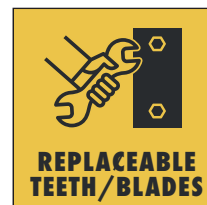
MODEL SD20



MODEL SD12

IRON
STEEL

SD is specific equipment for dismantling vehicles and extracting valuable components for recycling or reuse.

REPLACEABLE
TEETH/BLADES

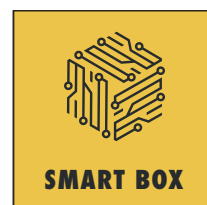
The long, straight cutting edges allow precise, straight cuts. All blades are interchangeable and can be used on 3 sides before replacement.

HYDRAULIC
ROTATION

The continuous hydraulic rotation enables precise positioning and the double-row thrust bearing ensures high robustness and increases safety.

QUICK
MAINTENANCE

The **quick and easy routine maintenance** allows to reduce intervention times and costs.



SMART BOX

Real-time tracking of equipment performance.

DATA SHEETS

MODEL		SD12	SD20
EXCAVATOR WEIGHT	t	10-18	18-26
TOOL WEIGHT *	kg	950	1.760
OPENING	mm	700	795
HEIGHT	mm	1.800	2.100
WORKING PRESSURE	bar	200-250	300-350
OIL FLOW	l/min	60-100	180-200

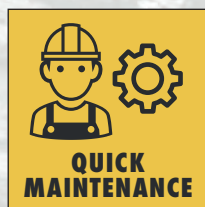
* Tool weight does include Mantovanibenne top bracket.

BP

ORANGE PEEL GRAPPLES



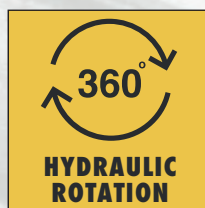
HANDLING



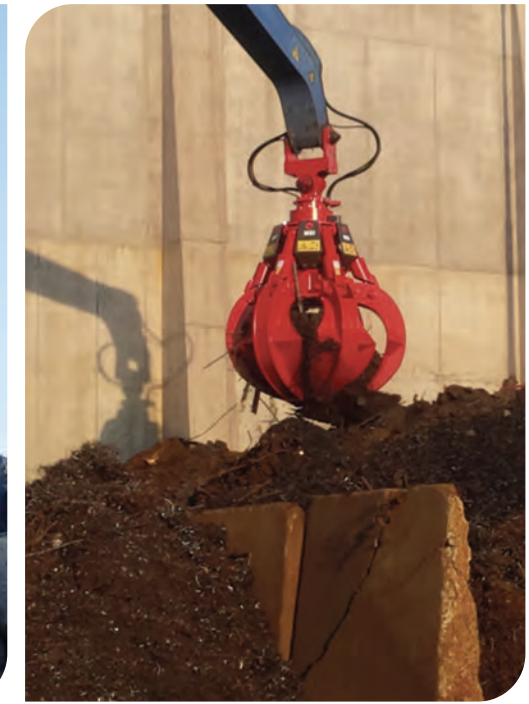
QUICK
MAINTENANCE



CONVERTIBLE
JAW KIT



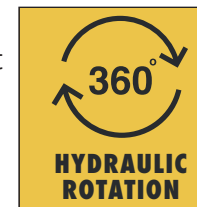
360°
HYDRAULIC
ROTATION



TOTAL CONTROL OF THE LOAD



Different shell types are available to ensure a perfect match with the job and grant the best solution to handle different materials.



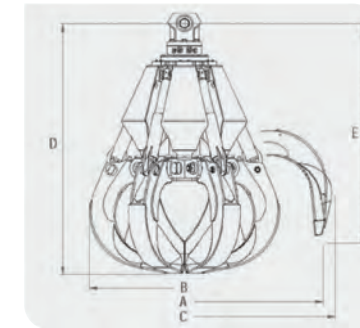
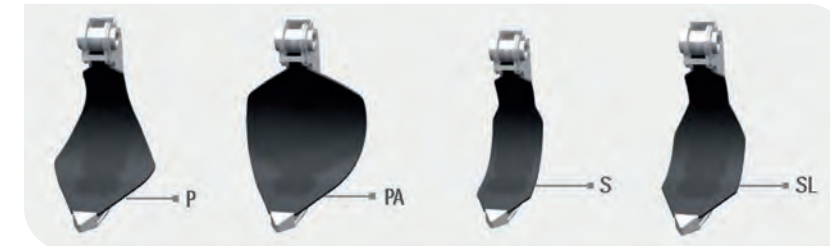
All models can be fitted with a hydraulic rotation device to improve **handling precision**.



Designed for handling varied materials. Cylinders and hydraulic connections are reinforced to **withstand the toughest jobs**.



The quick and easy routine maintenance allows to reduce intervention times and costs. To ensure maximum service life, BP is entirely built **with highly wear-resistant materials**.



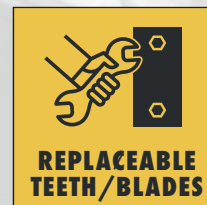
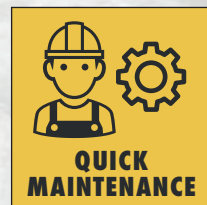
DATA SHEETS

MODEL		BP400		BP500		BP550		BP600		BP800		BP1000		BP1250		BP1500		BP2000		
CAPACITY	l	400		500		550		600		800		1.000		1.250		1.500		2.000		
SHELLS	nr	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	5	6	
EXCAVATOR WEIGHT	t	15-20		18-23		22-28		23-30		24-32		30-40		32-40		35-45		35-45		
TOOL WEIGHT	kg	without rotation	930	1.020	1.140	1.240	1.300	1.350	1.500	1.630	1.630	1.700	-	-	-	-	-	-	-	-
		hydraulic rotation	1.000	1.090	1.200	1.300	1.450	1.580	1.650	1.780	1.780	1.900	2.450	2.600	2.900	2.850	3.000	3.000	3.000	3.200
HYDRAULIC WORKING PRESSURE	bar	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
OIL FLOW	l/min	120	140	160	180	160	180	180	200	180	200	250	250	300	250	300	250	300	250	300
DIMENSION																				
A	mm	1.750		1.930		2.000		2.110		2.320		2.400		2.520		2.760		3.030		
B	mm	1.240		1.320		1.385		1.510		1.620		1.840		1.970		2.040		2.180		
C	mm	1.960		2.140		2.215		2.290		2.530		2.640		2.760		3.040		3.330		
D	mm	without rotation	1.620	1.780	1.810	1.870	1.980	-	-	-	-	-	-	-	-	-	-	-	-	
	mm	hydraulic rotation	1.750	1.905	1.920	1.980	2.090	2.265	2.270	2.400	2.530	-	-	-	-	-	-	-		
E	mm	without rotation	1.370	1.470	1.545	1.580	1.600	-	-	-	-	-	-	-	-	-	-	-		
	mm	hydraulic rotation	1.510	1.600	1.655	1.680	1.710	1.860	1.910	1.960	1.990	-	-	-	-	-	-	-		

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

HM

HYDRAULIC MAGNET



SAFE AND COMPACT



The quick and easy routine maintenance allows to reduce intervention times and costs.



The tines (optional) allow you to separate materials to be lifted or to move land to be reclaimed.



Quick handling of metal debris in the ground. The Magnet can be equipped with an **internal generator** which, once connected to the hydraulic system of the machine, makes the magnet totally autonomous.

The **electronic control** unit protects the system and includes a counter-excitation circuit to speed up the release of the material on command. HM can be equipped with a chain coupling or with an adapter for quick couplings with hydraulic connections.



DATA SHEETS

MODEL		HM70	HM90	HM95	HM100	HM115	HM125
EXCAVATOR WEIGHT	t	4-8	8-12	12-16	14-20	18-24	22-30
TOOL WEIGHT (WITH CHAINS)	kg	430	750	955	1.085	1.200	1.420
POWER AT 20°	kW	3	4	4,9	5,5	7	9
VOLTAGE	Vcc	220	220	220	220	220	220
DIAMETER	mm	720	900	960	1.060	1.140	1.250
OIL FLOW	l/m	18	32	32	32	48	48
OIL PRESSURE	bar	210	210	210	210	210	210

BT HM 00
RIF: 97901/E 04/21 REV.00

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

* Tool weight does not include Mantovanibenne top bracket and teeth.

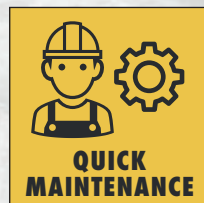
**Average Capacity determined after 5 hours of intermittent working at 50%, at 20°C. Environment conditions and chemical-physical characteristics can vary the amount of material to be lifted.

MVR

RIDDLING BUCKET



HANDLING



QUICK MAINTENANCE



REPLACEABLE TEETH/BLADES

VELOCE SEPARAZIONE DEI MATERIALI



The MVR screening bucket allows to select and move stones and small debris, perfectly filtering the soil.
It can be used to reclaim land or to fill excavation points with land free of debris.



The **support rollers** are adjustable and keep the basket perfectly aligned with the rotation motor avoiding stress on moving components.

Different baskets sieves can be interchanged according to the type and dimension of the materials to separate. Basket are available with holes size ranging from 30 to 180 mm. The front edge can be fitted with **teeth or blades** according to the customer's need.



This equipment allows quick and easy routine maintenance.

DATA SHEETS

MODEL		MVR600	MVR800	MVR1000	MVR1200	MVR1500	MVR1800
EXCAVATOR WEIGHT	t	3-5	4-9	8-13	12-16	15-25	24-40
TOOL WEIGHT *	kg	300	400	550	950	1.500	2.400
SAE CAPACITY	l	200	300	450	700	1.000	1.500
HYDRAULIC WORKING PRESSURE	bar	80-100	80-100	80-120	120-140	160-180	160-180
OIL FLOW	l/min	35-40	35-40	40-50	45-60	50-80	50-80
WIDTH MAX	mm	675	800	1.000	1.200	1.500	1.800

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

* Tool weight does include Mantovanibenne top bracket.

BUCKETS



With more than 57 years of experience in the design and manufacture of buckets, the MBI quality level is unsurpassed and recognized around the world. All our buckets are made of special wear-resistant steels and respecting the specific needs of the customer. In addition to the wide range of standard buckets developed for different applications, we carry out special projects to meet the most specific needs of customers. Our factories can make buckets for excavators from 5 to 130 tons as well as for other construction and earthmoving machines.





RIF: 97136-3/E 04/21 REV.04

DIGGING BUCKETS



NGP
General Purpose Bucket
 High capacity bucket for medium to light soil excavation and loading.
Available from 6 to 38 tons excavators



NHD
Heavy Duty Bucket
 Reinforced bucket for rock and demolition debris handling and loading.
Available from 6 to 90 tons excavators



RO
Rock Bucket
 Extremely reinforced bucket for rocky and very compact soil excavation. It is designed to improve bucket maneuverability and performance.
Available from 6 to 90 tons excavators



BG
Skeleton Bucket
 The bucket to be used for material separation or rock selection from water. Its skeleton structure is specifically designed according to customer's requirements.
Available from 9 to 38 tons excavators



RIF: 97136-3/E 04/21 REV.04

HANDLING BUCKETS



BC
Carrara Bucket
 Developed to handle large rock boulders. Its body is heavily reinforced to face the heavy duty work and the particular shape enables good handling precision. Its tapered shape with long delta blade makes easier the loading of rocky blocks. It is also the ideal bucket for river banks maintenance and construction.
Available from 18 to 65 tons excavators



BV
Serpentino Bucket
 Specifically developed for marble blocks handling within quarries. Its particular shape allows the user to perform heavy-duty tasks as ripping and loading large marble boulders.
Available from 35 to 65 tons excavators



DS
Ripper Tooth
 The specific tool for ground breaking and compact surface loosening. Its other primary task is to rip rocky blocks to be extracted from the quarry.
Available from 9 to 50 tons excavators



DITCH CLEANING BUCKETS



BS Ditch Cleaning Bucket

Designed for slopes construction and maintenance, it can be also used to create draining canals and banks. When equipped with a blade, it is used for road maintenance or mounted on snowplow. Available from 9 to 38 tons excavators



BSG Long Radius Ditch Cleaning Bucket

Its higher capacity and reinforced structure also allow digging operation, apart from the channel construction and cleaning duties for which it is designed. Available from 9 to 50 tons excavators



OP Side-Tilt Ditch Cleaning Bucket

With the possibility to tilt the bucket in either directions with a maximum angle of 45°, it is mainly used for river banks construction and maintenance, but it is also utilized in many other duties involving inclined surfaces. Available from 9 to 38 tons excavators



BT Trapezoidal Bucket

Specifically designed to dig draining and watering canals. Thanks to its oblique sides, it speeds up the ditch digging process by shaping the canal with a single movement. Available from 9 to 38 tons excavators

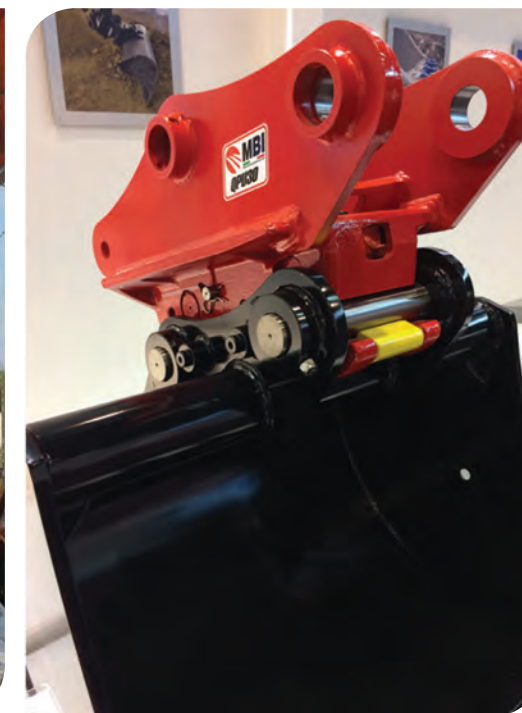


QPU-QP

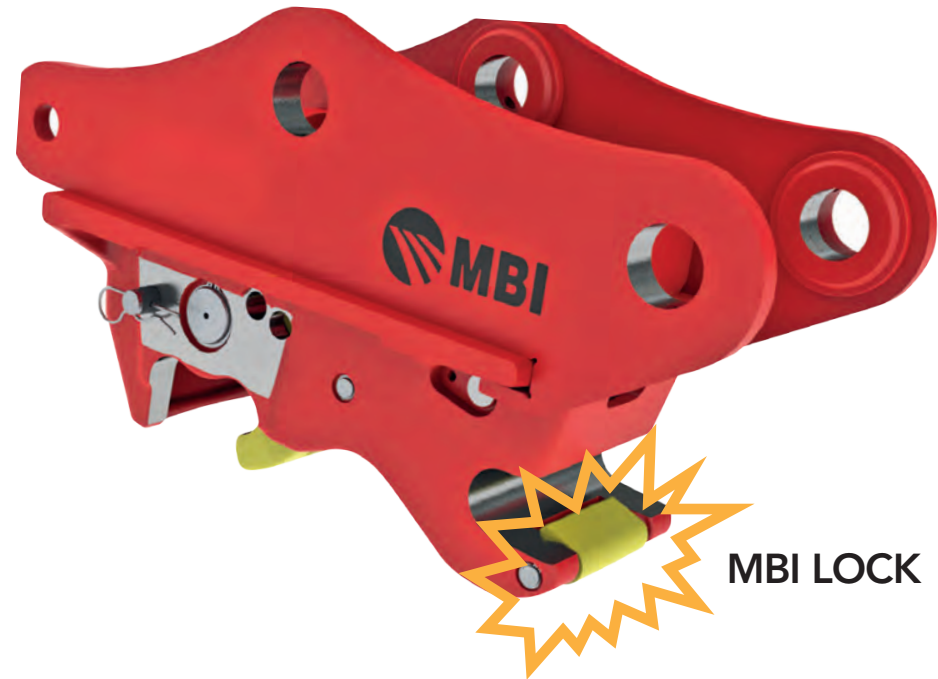
UNIVERSAL QUICK COUPLER



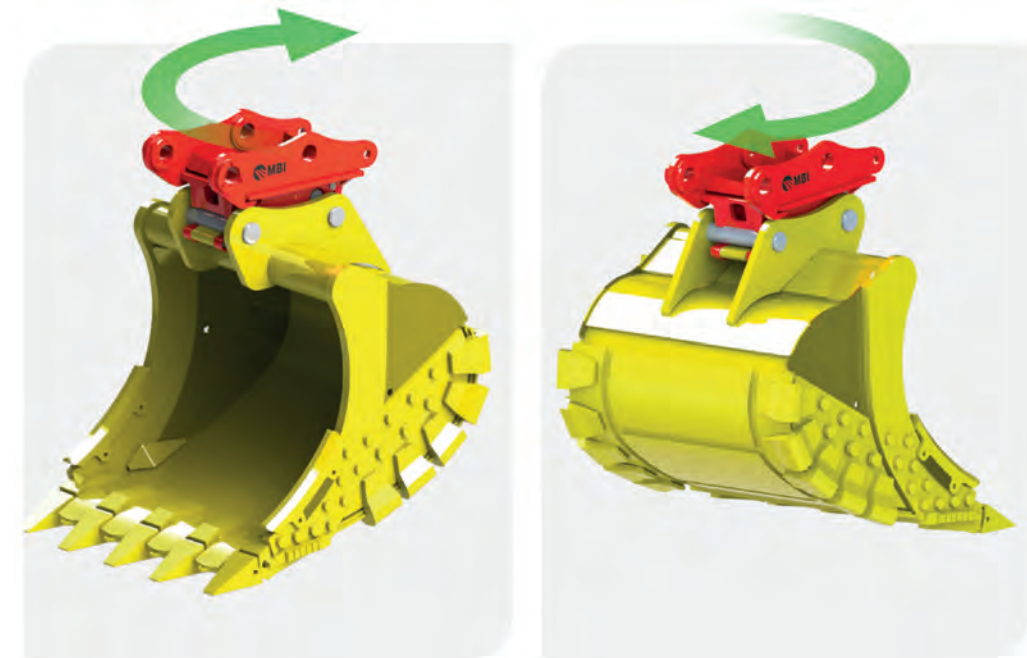
Our pin-on QPU coupler is compatible with all modern excavator models from 9 to 70 tons. Its casted body ensures high durability while the safety blocks ensure compliancy with the highest safety standards.



SWITCH EQUIPMENT SAFELY



- Makes possible to pick up the attachments in a **reversed position**.



- The main frame is casted to ensure **maximum strength and durability**.
- QPU is equipped with **3 different locking systems** to grant the **highest safety standards**.
- The **patented MBI front lock** keeps the attachment safely connected even in case of hydraulic system failures.
- It is designed to **grab a wide range of tools**, even with different distanced between pins.

DATA SHEETS

MODEL QPU	EXCAVATOR WEIGHT	TOOL WEIGHT	PIN DIAMETER	CENTRE PIN TO PIN	WIDTH
	t	Kg	mm	mm	mm
QPU20	9-14	160-210	60-65-70	355-465	250-276
QPU30	15-24	280-320	80	390-490	295
QPU40	25-30	390-440	80-90	450-540	321
QPU45	30-40	490-550	100	550-600	405

MODEL OP	EXCAVATOR WEIGHT	TOOL WEIGHT	PIN DIAMETER	CENTRE PIN TO PIN	WIDTH
	t	Kg	mm	mm	mm
QP50	40-60	850	110-120	PERSONALIZED FIX CENTRE PIN TO PIN	
QP60	60-70	1250	120-130		

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.

QC

DEDICATED QUICK COUPLER



Its main advantage is the possibility to use a quick coupling system without losing breakout force at the bucket. Available in mechanical and hydraulic version it enables quick tool switch and safeguards excavator's digging force, a vital characteristic for many earthmoving tasks.



CHANGE EQUIPMENT QUICKLY



- The only quick coupler that doesn't mean loss of breakout force.
- The design allows quick **attachment interchange** while keeping the original geometry of the excavator arm unchanged.
- The main frame is casted to ensure **maximum safety and durability**.
- A **double locking system** in the back prevents attachment movements in any direction.
- **Adapters** are available for buckets, hammers and many other attachments.

DATA SHEETS

MODEL QPU		QC10M	QC20M	QC31M	QC41M	QC45M	QC10H	QC20H	QC31H	QC41H	QC45H	QC50H	QC60H
		MECHANICAL					HYDRAULIC						
EXCAVATOR WEIGHT	t	5-8	9-14	15-24	25-30	30-40	5-8	9-14	15-24	25-30	30-40	40-60	60-70
QUICK COUPLER WEIGHT	kg	120	200	280	400	550	120	200	280	400	550	850	1.400

We are constantly improving our products and therefore we reserve the right to change the design and technical specifications without prior notice.