

PRODUCT CATALOGUE

REDUCE ≫ REUSE ≫ RECYCLE

MB CRUSHER: ADVANCED, VERSATILE, TOUGH.

For over 20 years, MB CRUSHER has been designing and manufacturing attachments for heavy equipment of all sizes. Perseverance and resilience led the company to invent the first jaw crusher for excavators. Investing in technological research has contributed to the development of MB's products, which can be installed on any carrier machine, turning them into real mobile crushers while improving performance and allowing companies to make the most of the resources available on their job sites.

MB CRUSHER over the years has become the benchmark in the construction equipment industry worldwide, offering a full range of products to provide companies with the solutions they seek.

MB CRUSHER HAS SOLUTIONS FOR EVERY CARRIER MACHINE

Crushers, screening buckets, padding buckets, drum cutters, sorting grapples and demolition pulverizers.

MB CRUSHER provides entrepreneurs with the widest range of attachments capable of making construction sites of any size, independent and competitive regardless of the job's nature and scope of action.

All of MB CRUSHER's equipment was designed to solve all kinds of obstacles, even the most extreme.

From skid steers, backhoes, telehandlers, mini and midi excavators, from 1,3 ton machines to excavators weighing 70 ton; there will be a suitable MB CRUSHER unit.

Installation is straightforward and quick, whether it's for the larger machines in the MB range or the smaller ones.



100% MADE IN ITALY

MB Crusher is an **Italian company** with a worldwide presence. All of the equipment production phases take place at the headquarters in Fara Vicentino, Italy.

More than 45.000 square meters host research and development laboratories, production departments, sales, marketing and administrative offices. Here, every piece of equipment is designed, assembled and distributed to international markets by more than 250 people.

Brazil, China, France, Germany, Japan, India,

Brazil, China, France, Germany, Japan, India, Indonesia and United States.

With subsidiaries in Brazil, China, France, Germany, Japan, India, Indonesia, and the United States, MB CRUSHER has a worldwide network. Nine international subsidiaries support the headquarters in promoting and distributing products across all continents. A network of over 950 dealers helps sell MB CRUSHER's products in more than 150 countries.



Find out more

PRODUCTS GUARANTEED AND CERTIFIED QUALITY

Guaranteeing a safe product, that is compliant with international regulations is essential for everyone at MB CRUSHER. All aspects (from assembly to the finished product) are constantly certified, to meet the markets' needs and to guarantee the customer receives a product that is accredited for its good quality.

PRODUCT CERTIFICATIONS

2006/42/CE

2014/68/UE

Machinery Directive PED Directive

EN 12100:2010

Safety in machinery design

QUALITY CERTIFICATION

150 900

Quality management systems

PROCESS CERTIFICATIONS

UNI EN ISO 9606-1:2017 UNI EN ISO 14732

UNI EN ISO 15614-1: 2008

Organization with qualified welding processes and personnel

WITH MB CRUSHER

YOU CRUSH EVEN TIME

ONE ATTACHMENT TO WORK FASTER AND SAVE MONEY.



With

MB

It is how long it takes FOR **MB CRUSHER** to process the material.

MINUTES

ATTACHMENT

This is why MB CRUSHER's units are used on many job sites around the world. Because it replaces 3 machines with just one unit.



The jobsite becomes environmentally friendly:

-less CO2 -no landfill disposals -reduce pollution emissions from vehicles transporting material.



Without

MB

It is the average time to process 9 tons of material WITHOUT MB CRUSHER.

VEHICLES INVOLVED

3 are the machines involved to collect, transport and process materials WITHOUT MB CRUSHER.

BEFORE/

MB CRUSHER'S IMPACT ON DIFFERENT

MATERIALS

BUILDING OR CONSTRUCTION MATERIALS

Demolition waste

Excavated soil Reinforced concrete Asphalt Bricks





MB CRUSHER buckets process waste directly

on the job site, enabling full control over the

materials recovery and recycling.

ROCKS

Coal Marble Porphyry River stone Limestone Calcium Granite carbonate-Basalt gypsum



ORGANIC MATERIALS

Foliage Sand, soil





FOUNDRY WASTE AND METALS

Casting mold waste Iron and slag Steel and aluminum Foundry sand

Copper slag



RUBBISH

Garbage

Nylon and plastic Glass Ceramics Bituminous waste





POLES AND COLUMNS

Concrete slabs Vineyard poles Concrete slabs Light poles Railway sleepers Gratings

DIDN'T SEE YOUR MATERIAL?





CRUSHER BUCKETS



FOR EXCAVATORS, **BACKHOES, LOADERS** AND SKID STEER

3 - 100 ton

FIND OUT MORE



Control devices reduce vibration on the arm of the carrier machine.



EASY MAINTENANCE

Quick and easy maintenance: no oil change required.



Widest crusher mouth opening per weight of the equipment, available on the market.





HYDRAULIC PROTECTION

The latest hydraulic system extends and protects the life of the excavator.



_____LOW NOISE EMISSIONS

The frame is designed to minimize noise and vibration.



GUARANTEED OUTPUT SIZE

Regular output size is guaranteed even with worn out jaws.



OPTIMAL DESIGN

Designed to pick up and process material with ease while guaranteeing quality and increased production rates.

APPLICATION AREAS





























Installed on heavy equipment, MB's jaw crushers transform waste into ready-to-use material in a single crushing phase. They are versatile and high-performing machines, created to meet the needs to crush materials in quarries, landfills, urban and non-urban construction sites regardless of the location's size.







OPTIONAL ACCESSORIES

24 MONTH WARRANTY HOUR METER 24 V IRON SEPARATOR







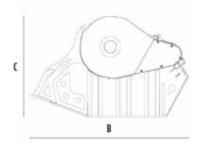


DUST SUPPRESSION KIT

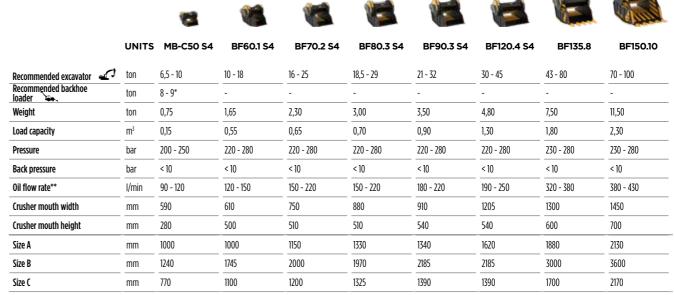


DIMENSIONS



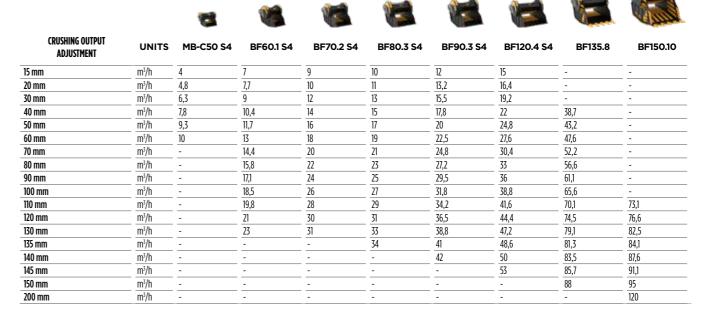


MODELS



^{*} Only compatible with the posterior boom of a Backhoe.
**The minimum hydraulic flow rate value must be alongside the required operating pressure.

PRODUCTIVITY



To obtain the values in ton/h, multiply the data listed in the table by the specific weight of your material. These values are indicative only, estimated with materials of medium load capacity.

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PRODUCT CATALOGUE



Installed on loaders, skid steers, backhoe loaders, miniexcavators and excavators, they crush any inert material. Despite their compact size, they offer high productivity standards while maintaining the unique performance characteristics that MB CRUSHER buckets have. They provide solutions for any needs that arise in small construction sites and particularly tight spaces.







OPTIONAL ACCESSORIES

24 MONTH WARRANTY

HOUR METER

DUST SUPPRESSION KIT



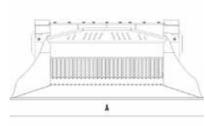


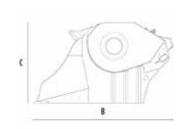




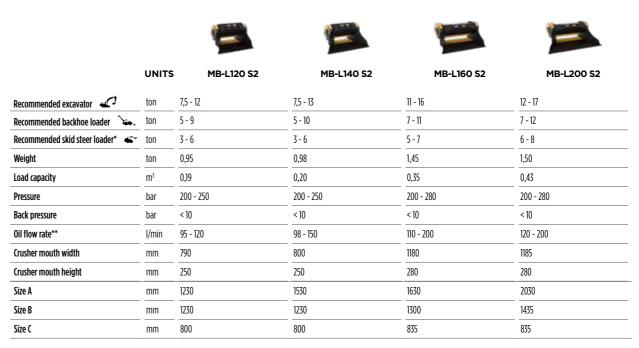


DIMENSIONS





MODELS



^{*}See legal regulations on loading and tipping UNI ISO 14397 – 1:2008.

PRODUCTIVITY









CRUSHING OUTPUT ADJUSTMENT	UNITS	MB-L120 S2	MB-L140 S2	MB-L160 S2	MB-L200 S2
15 mm	m³/h	6	8	9	10
20 mm	m³/h	7	9	10,2	11,3
30 mm	m³/h	9	11	12,7	14
40 mm	m³/h	11	<u>13</u>	 15,1	16,7
50 mm	m³/h	13	15	17,6	19,3
60 mm	m³/h	14	16	20	22

To obtain the values in ton/h, multiply the data listed in the table by the specific weight of your material. These values are indicative only, estimated with materials of medium load capacity.

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^{**}The minimum hydraulic flow rate value must be alongside the required operating pressure.



Installed on excavators, backhoe loaders and skid steer loaders, they are designed for primary and secondary **crushing.** They offer precision for fast and effective demolition work. The 360° continuous hydraulic rotation facilitates the positioning of the attachment, enhancing maneuverability and ease of use.

APPLICATION AREAS









OPTIONAL ACCESSORIES













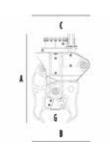




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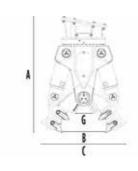


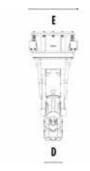
DIMENSIONS

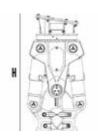




DIMENSIONS







MODELS



	UNITS	MB-P160	MB-P380	
Recommended excavator	ton	1,5 - 3	3 - 6,5	
Recommended backhoe loader* 🗽	ton	4 - 6	5-7	
Recommended skid steer loader 🗬	ton	-	3-5	
Weight	ton	0,17	0,38	
Ø Maximum Rebar	mm	20	25	
Speed/Min. (minimum - maximum)	rpm	15 - 20	20 - 25	
Oil pressure (rotation)	bar	130 - 170	160 - 200	
Oil flow rate (rotation)	I/min	5 - 10	20 - 25	
Oil pressure (opening - closing)	bar	200 - 250	200 - 300	
Oil flow rate (opening - closing)	I/min	20 - 30	40 - 70	
Size A	mm	890	1180	
Size B	mm	225	330	
Size C	mm	580	810	
Size D	mm	60	85	
Size E	mm	360	500	
Size G	mm	93	145	

^{*} Only compatible with the posterior boom of a Backhoe.

MODELS







		* *	•	•	
	UNITS	MB-PT650	MB-PT1150	MB-PT1650	
Recommended excavator	ton	6,5 - 13	12 - 19	19 - 25	
Recommended backhoe loader*	ton	6 - 10			
Main frame weight	ton	0,49	0,85	1,24	
Jaw weight A	ton	0,18	0,28	0,44	
Jaw weight B	ton	0,2	0,3	0,48	
Jaw weight C	ton	0,18	0,3	0,46	
Ø Maximum Rebar	mm	35	40	40	
Speed/Min. (minimum - maximum)	rpm	20 - 25	20 - 25	20 - 25	
Oil pressure (rotation)	bar	160 - 200	180-220	200 - 250	
Oil flow rate (rotation)	I/min	25 - 35	30-40	30 - 40	
Oil pressure (opening - closing)	bar	250 - 350	250-350	300 - 350	
Oil flow rate (opening - closing)	I/min	70 - 100	70-100	100 - 150	
Size A	mm	1425	1650	1865	
Size B	mm	560	635	705	
Size C	mm	1050	1220	1390	
Size D	mm	220	270	315	
Size E	mm	710	850	850	
Size G	mm	247	258	288	
Size H	mm	1540	1785	2010	
* Only compatible with the posterior boom of a Rackhoe					

^{*} Only compatible with the posterior boom of a Backhoe.

* only available for MB-PT models. PRODUCT CATALOGUE



Installed on the carrier machine, MB screening buckets are the ideal tool to select and screen inert material, both before and after the crushing phase.

Crucial in all situations where different size materials are necessary.

APPLICATION AREAS



INERT MATERIAL RECYCLING



















FOREST



URBAN CONSTRUCTION SITES







ROAD WORKS







OPTIONAL ACCESSORIES

24 MONTH WARRANTY **HOUR METER**









BASKET PROTECTION KIT

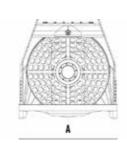


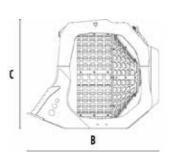


DUST SUPPRESSION KIT

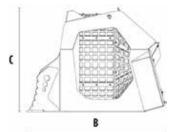


DIMENSIONS









PRODUCT CATALOGUE

MODELS

	UNITS	MB-LS170 S2	MB-LS220 S2	MB-S10 S4	MB-S14 S4	MB-S18 S4	MB-S23	
Recommended excavator	ton	-	-	6 - 9	9 - 20	20 - 35	35 - 50	
Recommended backhoe loader	ton	8 - 15	-	8 - 9*	-	-	-	
Recommended loader**	ton	8 - 15	15 - 25	-	-	-	-	
Weight	ton	1,45	2,80	0,41	1,10	2,00	3,66	
Load capacity	m ³	1,10	2,40	0,32	1,10	2,40	3,75	
Pressure	bar	160 - 200	200 - 250	130 - 150	150 - 200	200 - 250	320 - 350	
Back pressure	bar	< 20	< 20	< 20	< 20	< 20	< 5	
Oil flow rate***	I/min	80 - 100	120 - 140	40 - 60	60 - 80	120 - 140	160 - 180	
Basket diameter	mm	1200	1600	800	1200	1600	1970	
Basket depth	mm	900	1225	555	900	1225	1490	
Size A	mm	1670	2180	950	1400	1840	2320	
Size B	mm	1930	2355	1220	1700	2260	2840	
Size C	mm	1360	1790	1010	1440	1870	2350	

^{*} Only compatible with the posterior boom of a Backhoe.

^{**} See legal regulations on loading and tipping UNI ISO 14397 – 1:2008.

***The minimum hydraulic flow rate value must be alongside the required operating pressure.



Installed on the carrier machine, they select materials directly on site. Ideal for large and small construction sites. Thanks to the rotating shaft kits that can be replaced right on the job site, you can process different material whenever you need to.

APPLICATION AREAS























OPTIONAL ACCESSORIES



LOAD CAPACITY INCREASE KIT*

INERT MATERIAL

PIPFLINES



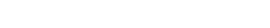




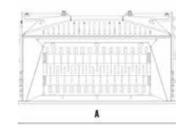
SHAFT HOLDER

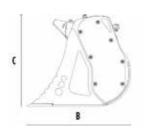
MAINTAINING LANDSCAPE AND AGRICULTURAL AREAS





DIMENSIONS



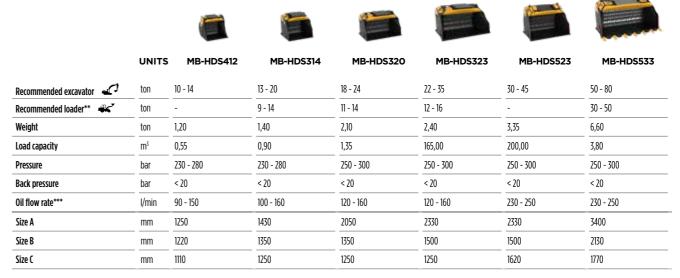


MODELS

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	UNITS	MB-HDS207	MB-HDS307	MB-HDS407	MB-HDS212	MB-HDS312	MB-HDS214	MB-HDS220
Recommended excavator	ton	1,3 - 2,8	2,5 - 5	3,5 - 5,5	5 - 10	7 - 11	9 - 13	-
Recommended backhoe loader	ton	3 - 4*	4 - 6*	6 - 9*	8 - 9*	-	8 - 13	7 - 11
Recommended skid steer loader**	ton	-	-	-	3 - 4	-	4 - 10	4,5 - 10
Weight	ton	0,10	0,17	0,28	0,48	0,72	0,82	1,00
Load capacity	m³	0,05	0,08	0,14	0,15	0,35	0,40	0,60
Pressure	bar	200 - 220	200 - 220	200 - 220	200 - 250	200 - 250	200 - 250	230 - 280
Oil flow rate***	I/min	25 - 35	25 - 35	25 - 35	75 - 100	75 - 100	75 - 120	90 - 150
Size A	mm	740	760	765	1220	1235	1380	2220
Size B	mm	545	700	840	815	985	1125	1060
Size C	mm	495	595	760	710	880	950	890

^{*} Only compatible with the posterior boom of a Backhoe.

MODELS



^{**} See legal regulations on loading and tipping UNI ISO 14397 – 1:2008.

PRODUCT CATALOGUE

^{***}The minimum hydraulic flow rate value must be alongside the required operating pressure.



Ideal for any application that requires milling compact materials efficiently and precisely.

They are the only ones on the market to feature the Direct Drive Twin Motor System, a direct transmission double motor system that allows you to distribute the strength of the two drums depending on the power required.

APPLICATION AREAS



MAINTAINING LANDSCAPE AND AGRICULTURAL AREAS





























OPTIONAL ACCESSORIES









INTERCHANGEABLE

FULL-SET)



ROCK AND ASPHALT





DRUM COVER KIT**



CUTTING DEPTH



*CUTTER BODY

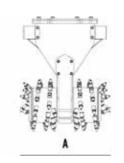
ROTATION KIT**

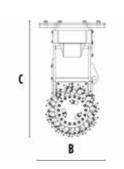


POWER TRANSMISSION



DIMENSIONS





MODELS

					No.	
	UNITS	MB-R500	MB-R700	MB-R800	MB-R900	
Recommended excavator 🕡	ton	3,5 - 11	6 - 13	10 - 22	19 - 35	
Recommended skid steer loader* 🗬	ton	3,5 - 6	6 - 10	-	-	
Weight	ton	0,30	0,60	1,00	1,40	
Cutting width	mm	450	890	1015	1130	
Pick force	N	19600	19600	33900	40000	
Speed/Min. (minimum - maximum)	rpm	80 - 120	80 - 110	60 - 80	60 - 80	
Output torque	Nm	5000	5000	10000	13200	
Pressure	bar	300 - 350	300 - 350	300 - 350	300 - 350	
Back pressure	bar	< 4	< 4	< 4	< 4	
)il flow rate**	I/min	60 - 120	110 - 180	200 - 300	250 - 350	
Orum diameter	mm	500	500	600	680	
Size A	mm	500	895	1015	1130	
Size B	mm	500	500	600	680	
Size C	mm	820	930	1120	1375	

^{*} See legal regulations on loading and tipping UNI ISO 14397 – 1:2008.

PRODUCT CATALOGUE

^{**}The minimum hydraulic flow rate value must be alongside the required operating pressure.



Designed to select and handle any type of solid material. Thanks to the interchangeable claws and the 360° rotation, the grapples can handle large loads and odd shapes.

APPLICATION AREAS



MAINTAINING LANDSCAPE AND AGRICULTURAL AREAS













FOREST MAINTENANCE

PIPELINES





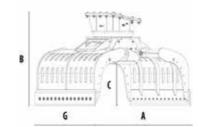


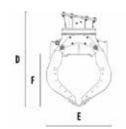
OPTIONAL ACCESSORIES





DIMENSIONS





MODELS

		*	A	per,	1	A				
	UNITS	MB-G350 S4	MB-G400 S4	MB-G450 S4	MB-G500 \$4	MB-G600 S4	MB-G900 S4	MB-G1000 S4	MB-G1200 S4	MB-G1500 S4
Recommended excavator	ton	1,3 - 2,6	2,4 - 4	3,5 - 5,5	5 - 8	7 - 12	12 - 18	18 - 25	18 - 30	20 - 30
Weight	ton	0,09	0,20	0,31	0,42	0,63	0,78	1,62	1,65	2,05
Rotation	Degree	360°	360°	360°	360°	360°	360°	360°	360°	360°
Capacity (claws closed)	m ³	0,03	0,07	0,10	0,18	0,24	0,43	0,44	0,71	1,43
Oil pressure (rotation)	bar	130 - 170	130 - 170	150 - 200	160 - 200	160 - 200	160 - 220	200 - 250	200 - 250	200 - 250
Oil flow rate (rotation)	I/min	5 - 10	8 - 12	20 - 30	15 - 25	25 - 35	25 - 35	60 - 80	30 - 40	30 - 40
Oil pressure (opening - closing)	bar	180 - 220	180 - 220	180 - 220	180 - 250	250 - 300	300 - 350	300 - 350	300 - 350	300 - 350
Oil flow rate (opening - closing)	I/min	15 - 20	20 - 25	20 - 30	30 - 40	50 - 60	60 - 70	70 - 90	70 - 90	70 - 90
Size A	mm	795	1050	1300	1500	1705	1826	1781	2115	2480
Size B	mm	570	780	940	980	1145	1210	1375	1450	1650
Size C	mm	233	330	425	415	470	540	510	590	810
Size D	mm	615	825	1030	1095	1300	1410	1500	1670	1950
Size E	mm	490	675	770	855	975	1000	1200	1185	1365
Size F	mm	283	375	520	530	625	740	640	810	1110
Size G	mm	350	400	475	555	650	930	1015	1235	1535

PRODUCT CATALOGUE

SHAFT KIT

FOR SHAFTS SCREENERS Page 16-17



OPTIONAL ACCESSORIES

Page 12-13 FOR DEMOLITION PULVERIZERS



SIFTING KIT RQ8/RQ15/RQ20/RQ50

APPLICATION

Sifting damp/dry soil Soil Aeration

ADJUSTMENT* 8/15/20/50 mm

FINE SIFTING KIT RE8/RE16

ADJUSTMENT* APPLICATION 8,5/16 mm Sifting damp/dry soil

MIXER KIT

APPLICATION

Soil Aeration Compost Aeration Coal reduction

Glass reduction Drywall reduction

COMPOST KIT

APPLICATION branches

Adjustment*

36,5 mm Shredding foliage and small

Composting



OPTIONAL ACCESSORIES

FOR SORTING GRAPPLES Page 20 - 21





24 MONTH WARRANTY



REMOTE POWER CONTROL SYSTEM

To manage the claws' closing force directly from the cabin.



MULTI-PURPOSE **BLADE KIT**

For picking up and handling materials of various shapes, thanks to an easily reversible double blade that is toothed on one side and smooth on the other.



CLAM SHELL KIT

For picking up and moving small material.



RUBBER PROTECTION KIT

For handling blocks of linear and delicate material.



ROTATION POWER EXTENDER KIT

To duplicate the grapple's rotational force and allow you to handle heavy materials with ease.



SERRATED SIDE PLATE KIT

For handling material of particular shapes while ensuring greater grip and safety.



12 V ELECTRICAL KIT (FOR 2 HOSE FUNCTIONALITY)

Utilize the 360° rotation even with excavators that only have two hoses.



GRIP IMPROVEMENT KIT

To easily handle materials of particular weights and shapes, better grip and more control.



PULVERIZER KIT

* only available for the MB-P380 model.



CRUSHER KIT

* only available for MB-PT models.



PULVERIZER KIT

* only available for MB-PT models.



SHEAR KIT

* only available for MB-PT models.



12 V ELECTRICAL KIT (FOR 2 HOSE FUNCTIONALITY)

Utilize the 360° rotation even with excavators that only have two hoses.

MB CRUSHER WORLDWIDE



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24 MONTH

WARRANTY

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