

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 regardless of size. Perseverance and resilience led the company to invent the first jaw crusher for excavators.

Investing in technology research contributed to the development of MB's products that can be installed on any carrier machine, turning them into real mobile crushers while improving the machine's performance and allowing companies to use the resources available in their job sites.

MB CRUSHER has evolved over the years and has become the benchmark for the construction equipment industry around the world today. With a full range of products to give companies the solutions that they are looking for.

100% MADE IN ITALY

MB Crusher is an **Italian company** with a worldwide presence. All of the equipment's 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, Russia and United States. There are 9 subsidiaries abroad that support the headquarters to promote and distribute the products to all continents. And a network of over 950 dealers helps sell MB Crusher's products to over 150 countries.



Learn more

MB CRUSHER

HAS SOLUTIONS FOR EVERY

CARRIER MACHINE

Crushers, screening buckets, shafts screeners, drum cutters, sorting grapples.

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 small ones.

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.

DOODLICT CEDTIFICATIONS

2006/42/CE

2014/68/UE

Machinery directive PED directive

EN 12100:2010

Safety in machinery design

QUALITY CERTIFICATION

ISO 9001:2015

Quality Management Systems

PROCESS CERTIFICATIONS

UNI EN ISO 9606-1:2017

UNI EN ISO 14732:2013

UNI EN ISO 15614-1: 2008

Organization with qualified welding processes and personnel

WITH MB CRUSHER

OU CRUSH EVEN TIME.

ONE ATTACHMENT TO WORK FASTER AND SAVE MONEY.



With MB 8 **MINUTES** It is how long it takes **FOR MB CRUSHER** to process the material.

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 environmentfriendly:

- -less CO.
- -no landfill

material.

- disposals -reduce pollution
- emissions from vehicles transporting

MINUTES

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

Without

MB

VEHICLES INVOLVED

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

MB CRUSHER'S IMPACT ON DIFFERENT MATERIALS

MB CRUSHER units transform waste directly on the job site and allow you to independent recover and recycle material.

Marble

gypsum

River Stone

Calcium carbonate-

BUILDING OR CONSTRUCTION MATERIALS

Demolition waste

Excavated soil Reinforced concrete Asphalt Bricks





ORGANIC MATERIALS

Foliage Sand and soil





FOUNDRY WASTE AND METALS

ROCKS

Coal

Porphyry

Limestone

Granite

Basalt

Casting mold waste and slag

Foundry sand Steel and aluminium Copper slag slag





WASTE

Garbage

Nylon and plastic Glass Ceramics Bituminous waste





POLES AND COLUMNS

Concrete slabs Vineyard poles Light poles Concrete pipes Railway sleepers Gratings

DON'T SEE YOUR MATERIAL?

CONTACT US



MB CRUSHER BUCKETS





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

3 - 100 ton





VIBRATION

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



MAINTENANCE

Quick and easy maintenance: no oil change required.



WIDE MOUTH OPENING

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

The jaw crushers turn any carrier into a real mobile crusher. MB CRUSHER's range of crusher buckets is the largest in the world with **over 90%** world's market share.



HYDRAULIC **PROTECTION**

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



LOW NOISE

The frame is designed to minimize noise and vibration while crushing.



OUTPUT SIZE

Regular output size is guaranteed even with worn out jaws.



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





























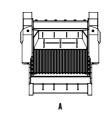


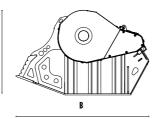






DIMENSIONS





OPTIONAL ACCESSORIES

24 MONTH WARRANTY HOUR METER IRON SEPARATOR 24 V











MODELS















	UNITS	MB-C50 S4	BF60.1 S4	BF70.2 \$4	BF80.3 S4	BF90.3 S4	BF120.4 \$4	BF135.8	BF150.10		
Recommended excavator	ton	6,5 - 10	10 - 18	16 - 25	18,5 - 29	21 - 32	30 - 45	43 - 80	70 - 100		
Recommended backhoe loader	ton	8 - 9*	-	-	-	-	-	-	-		
Weight	ton	0,75	1,65	2,30	3,00	3,50	4,80	7,50	11,50		
Load capacity	m ³	0,15	0,55	0,65	0,70	0,90	1,30	1,80	2,30		
Pressure	bar	200 - 250	220 - 280	220 - 280	220 - 280	220 - 280	220 - 280	230 - 280	230 - 280		
Back pressure	bar	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10		
Oil flow rate**	I/min	90 - 120	120 - 150	150 - 220	150 - 220	180 - 220	190 - 250	320 - 380	380 - 430		
Mouth width	mm	590	610	750	880	910	1205	1300	1450		
Mouth height	mm	280	500	510	510	540	540	600	700		
Size A	mm	1000	1000	1150	1330	1340	1620	1880	2130		
Size B	mm	1240	1745	2000	1970	2185	2185	3000	3600		
Size C	mm	770	1100	1200	1325	1390	1390	1700	2170		
	PRODUCTIVITY										
15 mm	m³/h	4	7	9	10	12	15	-			
20 mm	m³/h	4,8	7,7	10	11	13,2	16,4	-	-		
30 mm	m³/h	6,3	9	12	13	15,5	19,2	-	-		
40 mm	m³/h	7,8	10,4	14	15	17,8	22	38,7	-		
50 mm	m³/h	9,3	11,7	16	17	20	24,8	43,2	-		
60 mm	m³/h	10	13	18	19	22,5	27,6	47,6	-		
70 mm	m³/h	-	14,4	20	21	24,8	30,4	52,2	-		
80 mm	m³/h	-	15,8	22	23	27,2	33	56,6	-		
90 mm	m³/h	-	17,1	24	25	29,5	36	61,1	-		
100 mm	m³/h	-	18,5	26	27	31,8	38,8	65,6	-		
110 mm	m³/h	-	19,8	28	29	34,2	41,6	70,1	73,1		
120 mm	m³/h	-	21	30	31	36,5	44,4	74,5	76,6		
130 mm	m³/h	-	23	31	33	38,8	47,2	79,1	82,5		
135 mm	m³/h	-	-	-	34	41	48,6	81,3	84,1		
140 mm	m³/h	-	-	-	-	42	50	83,5	87,6		
145 mm	m³/h	-	-	-	-	-	53	85,7	91,1		
150 mm	m³/h	-	-	-	-	-	-	88	95		
200 mm	m³/h	-	-	-	-	-	-	-	120		

^{*} Installable on the backhoe loader boom only. ** The minimum hydraulic flow rate value must be alongside the required operating pressure.

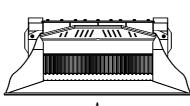
To obtain the values in ton/h, multiply the data listed in the table by the specific weight of your material. These values are indicative only, estimated with materials of medium load capacity.

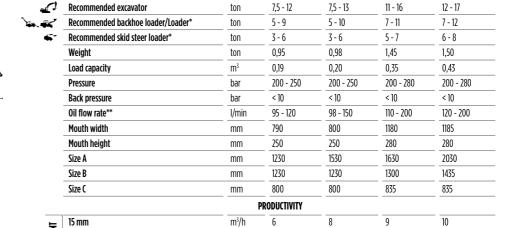












UNITS MB-L120 MB-L140 MB-L160

S2

S2



24 MONTH WARRANTY HOUR METER



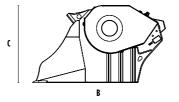






DUST SUPPRESSION KIT





* Please verify machine's Rated Operating Capacity.

20 mm

30 mm

40 mm

50 mm

60 mm

MODELS

m³/h

m³/h

m³/h

m³/h

m³/h

To obtain the values in ton/h, multiply the data listed in the table by the specific weight of your material. Indicative values only, estimated with the medium toughness of the materials.

10,2

12,7

15,1

17,6

MB-L200

S2

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

SCREENING



FOR EXCAVATORS, **BACKHOES AND** LOADERS

6 - 50 ton



OPTIMAL

designed to pick up and process material with ease.

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. where different size materials are necessary.





A device that reduces stress on the machine while loading material.



MAINTENANCE

simple, fast, and centralized.



PRODUCTION

the cone-shaped basket depth and size.







APPLICATION AREAS



PANELS















DUST SUPPRESSION KIT

OPTIONAL ACCESSORIES











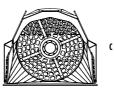


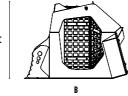
BASKET PROTECTION KIT

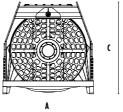


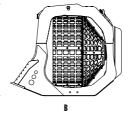


DIMENSIONS









MODELS











PRODUCT CATALOGUE

	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	ton	0_15		0 0*			

			52	32	54	5 4	54	
1	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	m³	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

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

^{*} Installable on the backhoe loader boom only.
** Please verify machine's Rated Operating Capacity.

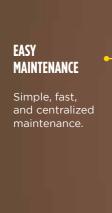


AND SKID STEERS

1,3 - 45 ton



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.









The frame is designed to minimize noise and vibration.



SHAFTS REPLACEMENT SYSTEM

The process to replace the shafts can be executed directly on site simply and safely.



to protect the engine and transmission.



APPLICATION AREAS



ENCLOSED SPACES

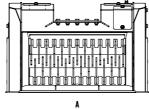
SHAFT HOLDER



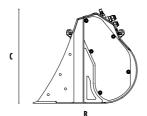








DIMENSIONS



OPTIONAL ACCESSORIES



LOAD CAPACITY **INCREASE KIT***

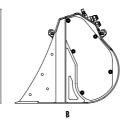












MODELS

	UNITS	MB- HDS207	MB- HDS307	MB- HDS212	MB- HDS312	MB- HDS214	MB- HDS220	MB- HDS412	MB- HDS314	MB- HDS320	MB- HDS323	MB- HDS523
Recommended excavator	ton	1,3 - 2,8	2,5 - 5	5 - 10	7 - 11	9 - 13	-	10 - 14	13 - 20	18 - 24	22 - 35	30 - 45
Recommended backhoe loader/loader**	ton	3 - 4*	4 - 6*	8 - 9*	-	8 - 13	7 - 11	-	9 - 14	11 - 14	12 - 16	-
Recommended skid steer loader**	ton	-	-	3 - 4	-	4 - 10	4,5 - 10	-	-	-	-	-
Weight	ton	0,098	0,17	0,48	0,72	0,82	1,00	1,20	1,40	2,10	2,40	3,35
Load capacity	m ³	0,05	0,08	0,15	0,35	0,40	0,60	0,55	0,90	1,35	1,65	2,00
Pressure	bar	200 - 220	200 - 220	200 - 250	200 - 250	200 - 250	230 - 280	230 - 280	230 - 280	250 - 300	250 - 300	250 - 300
Oil flow rate***	I/min	25 - 35	25 - 35	75 - 100	75 - 100	75 - 120	90 - 150	90 - 150	100 - 160	120 - 160	120 - 160	230 - 250
Size A	mm	740	760	1220	1235	1380	2220	1250	1430	2050	2330	2330
Size B	mm	545	700	815	985	1125	1060	1220	1350	1350	1500	1500
Size C	mm	495	595	710	880	950	890	1110	1250	1250	1250	1620

^{*} Installable on the backhoe loader boom only.
** Please verify machine's Rated Operating Capacity.

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





FOR EXCAVATORS AND SKID STEER **LOADERS**

3,5 - 35 ton



REPLACING THE DRUMS

The drum heads can be replaced directly

that require you to grind compact materials They are the only drum Twin Motor System, which distributes the force of two drums according to





Equipped with the **no torsion system** that reduces transverse stress on the arm of the excavator.



reduce the excavator's oil temperature during heavy use.



STRONGER

Equipped with **power boost** to evenly distribute the power to the rotary cutter that needs more force.



DURABLE







APPLICATION AREAS

ENCLOSED SPACES

DRUM COVER

underwater work.









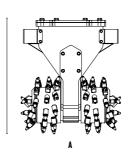


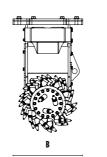




URBAN MAINTAINING LANDSCAPE
CONSTRUCTION SITES AND AGRICULTURAL AREAS











UNITS MB-R500 MB-R700 MB-R800 MB-R900





OPTIONAL ACCESSORIES

24 MONTH WARRANTY

INTERCHANGEABLE DRUM KIT (LOW-SET / FULL-SET)

ROCK AND ASPHALT DUST SUPPRESSION PICK KITS









CUTTING DEPTH

ADJUSTMENT KIT*



*CUTTER BODY

ROTARION KIT**



POWER

TRANSMISSION

KIT**

MODELS

J	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 300 - 350 < 4	13200
	Pressure	bar bar	300 - 350 < 4 60 - 120	300 - 350		300 - 350
	Back pressure			< 4		< 4
	Oil flow rate**	I/min		110 - 180	200 - 300	250 - 350
	Drum diameter	mm	500	500	600	680
	Size A	mm	500	895	1015	1130
	Size B	mm	500	500	600	680
	Size C		820	930	1120	1375

**only available for MB-R500 model

^{*} Please verify machine's Rated Operating Capacity.

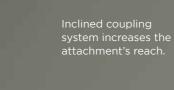
** The minimum hydraulic flow rate value must be alongside the required operating pressure.

SORTING GRAPPLES MB



FOR **EXCAVATORS**

1,3 - 30 ton



COUPLING SYSTEM



Equipped with a **safety valve** that prevents the claws opening in case of pressure loss.



LOW NOISE EMISSIONS

thanks to

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.



REPLACEABLE BLADES

The reversible and double-sided blades can be



Equipped with accessories that allow the



APPLICATION AREAS



MAINTAINING LANDSCAPE AND AGRICULTURAL AREAS



ENCLOSED SPACES





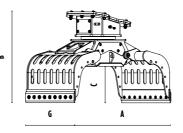


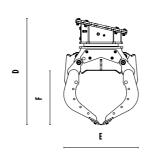




URBAN CONSTRUCTION SITES

DIMENSIONS





MODELS

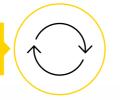


		UNITS	MB-G350 S4	MB-G400 \$4	MB-G450 S4	MB-G500 S4	MB-G600 S4	MB-G900 \$4	MB-G1000 \$4	MB-G1200 S4	MB-G1500 S4
1	Recommended excavator	ton	1,3 - 2,6	2,4 - 4	3,5 - 5,5	5-8	7 - 12	12 - 18	18 - 25	18 - 30	20 - 30
	Weight	ton	0,085	0,2	0,288	0,42	0,63	0,78	1,62	1,65	2,05
	Capacity (claws closed)	m ³	0,03	0,07	0,1	0,18	0,24	0,43	0,44	0,71	1,43
	Rotation	Degree	360°	360°	360°	360°	360°	360°	360°	360°	360°
	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	10 - 20	15 - 25	25 - 35	25 - 35	60 - 80	30 - 40	30 - 40
	Maximum oil pressure (opening – closing)	bar	180 - 220	180 - 220	180 - 220	180 - 250	250 - 300	300 - 350	300 - 350	300 - 350	300 - 350
	Maximum 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	1860	1860	2115	2480
	Size B	mm	570	780	865	980	1145	1210	1375	1450	1650
	Size C	mm	233	330	425	415	470	540	510	590	810
	Size D	mm	615	825	960	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

SHAFT KIT

FOR SHAFT SCREENERS Page 14-15





OPTIONAL ACCESSORIES

Page 18-19 FOR SORTING GRAPPLES

RQ8/RQ15/RQ20/RQ50 SIFTING KIT

ADJUSTMENT* 8/15/20/50 mm

APPLICATION

Sifting damp/dry soil Soil aeration



RM MIXER KIT

APPLICATION

Soil Aeration Compost Aeration Charcoal reduction Glass reduction Drywall reduction





ADJUSTMENT* 8,5/16 mm

APPLICATION

Sifting damp/dry soil



RC COMPOST KIT

ADJUSTMENT* 36,5 mm

APPLICATION

Shredding foliage and small branches Composting





ELECTRICAL KIT (FOR 2 HOSE FUNCTIONALITY) 12 V

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

ROTATION POWER EXTENDER KIT

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



REMOTE POWER CONTROL SYSTEM

Managing the claws' closing force directly from the cabin.



SERRATED SIDE PLATE KIT

For handling material of particular shapes.





MULTI-PURPOSE BLADE KIT

For handling material of particular shapes.



CLAM SHELL KIT

For picking up and moving small material.



RUBBER PROTECTION KIT

For handling blocks of linear and delicate material.



GRIP IMPROVEMENT KIT

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





SMART REMOTE CONTROL

With the innovative MB **CRUSHER** solution you are able to **keep track** of the product and its conditions of use in real time.







SAFER AND MORE COMPETITIVE



EASIER TO USE

ONLY AVAILABLE ON SELECT MODELS





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