

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.



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 484,400 SqFt 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

mbcrusher.com

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
- disposals
- -reduce pollution emissions from vehicles

transporting material.



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.

BUILDING OR CONSTRUCTION MATERIALS

Demolition waste

Excavated soil Reinforced concrete Asphalt Bricks





ROCKS

Coal

Porphyry Marble Limestone River Stone Granite Calcium carbonate-







ORGANIC MATERIALS

Foliage Sand and soil





FOUNDRY WASTE AND METALS

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



PRODUCT CATALOGUE

MB CRUSHER BUCKETS





FOR EXCAVATORS,
BACKHOES, LOADERS
AND SKID STEERS

6,610 - 220,460 lb





REDUCED VIBRATION

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



EASY MAINTENANCE

Quick and easy maintenance: no oil change required.



WIDE MOUTH OPENING

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

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.



GUARANTEED OUTPUT SIZE

Regular output size is guaranteed even with worn out jaws.



OPTIMA Design

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

APPLICATION AREAS



























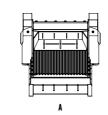


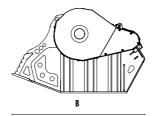






DIMENSIONS





OPTIONAL ACCESSORIES

24 MONTH WARRANTY HOUR METER IRON SEPARATOR 24 V













MODELS















						183		S. W. Carry	S. S. S. S.
	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	lb	14,330 - 22,050	22,050 - 39,680	35,270 - 55,120	40,790 - 63,930	46,300 - 70,550	66,140 - 99,210	94,800 - 176,370	154,320 - 220,460
Recommended backhoe loader	lb	17,640 - 19,840*	-	-	-	-	-	-	-
Weight	lb	1,653	3,637	5,071	6,614	7,716	10,582	16,535	25,353
Load capacity	су	0.20	0.72	0.85	0.92	1.18	1.70	2.35	3.00
Pressure	PSI	2,901 - 3,626	3,191 - 4,061	3,191 - 4,061	3,191 - 4,061	3,191 - 4,061	3,191 - 4,061	3,336 - 4,061	3,336 - 4,061
Back pressure	PSI	< 145	< 145	< 145	< 145	< 145	< 145	< 145	< 145
Oil flow rate**	gal/min	24 - 32	32 - 40	40 - 58	40 - 58	48 - 58	50 - 66	85 - 100	100 - 114
Mouth width	in	23	24	29	35	36	47	51	57
Mouth height	in	11	20	20	20	21	21	24	28
Size A	in	39	39	45	52	53	64	74	84
Size B	in	49	69	79	76	86	86	118	142
Size C	in	30	43	47	52	55	55	67	85
				PRODUCT	IVITY		_	_	_
15 mm	cy/h	5	9	12	13	16	20	-	-
20 mm	cy/h	6	10	13	14	17	21	-	-
30 mm	cy/h	8	12	16	17	20	25	-	-
40 mm	cy/h	10	14	18	20	23	29	51	-
50 mm	cy/h	12	15	21	22	26	32	57	-
60 mm	cy/h	13	17	24	25	29	36	62	-
70 mm	cy/h	-	19	26	27	32	40	68	-
80 mm	cy/h	-	21	29	30	36	43	74	-
90 mm	cy/h	-	22	31	33	39	47	80	-
100 mm	cy/h	-	24	34	35	42	51	86	-
110 mm	cy/h	-	26	37	38	45	54	92	96
120 mm	cy/h	-	27	39	41	48	58	97	100
130 mm	cy/h	-	30	41	43	51	62	103	108
135 mm	cy/h	-	-	-	44	54	64	106	110
140 mm	cy/h	-	-	-	-	55	65	109	115
145 mm	cy/h	-	-	-	-	-	69	112	119
150 mm	cy/h	-	-	-	-	-	-	115	124
200 mm	cy/h	-	-	-	-	-	-	-	157

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

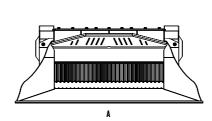
To obtain the values in ton/h, multiply the data listed in the table by the specific weight of your material. These values are indicative only, estimated with materials of medium load capacity.



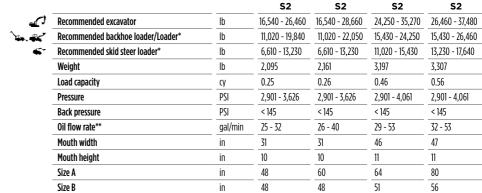








DIMENSIONS



UNITS

MB-L120 MB-L140 MB-L160

33 Size C PRODUCTIVITY 15 mm 20 mm cy/h 30 mm cy/h 40 mm cy/h 50 mm 60 mm cy/h

MODELS



24 MONTH WARRANTY

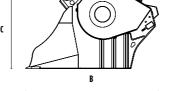
HOUR METER

DUST SUPPRESSION KIT









** 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, Indicative values only, estimated with the medium toughness of the materials

MB-L200

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

SCREENING CKETS



FOR EXCAVATORS, **BACKHOES AND** LOADERS

13,230 - 110,230 lb



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.



SCREENING PANELS



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



















OPTIONAL ACCESSORIES

24 MONTH WARRANTY







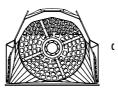
BASKET PROTECTION KIT

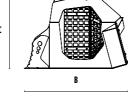
DUST SUPPRESSION KIT

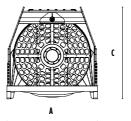




DIMENSIONS







MODELS









		UNITS	MB-LS170 S2	MB-LS220 S2	MB-S10 S4	MB-S14 S4	MB-S18 S4	MB-S23
7	Recommended excavator	lb	-	-	13,230 - 19.840	19.840 - 44.100	44,100 - 77,160	77,160 - 110,230
	Recommended backhoe loader	lb	17,640 - 33,100	-	17,640 - 19,840*	-	-	-

J	Recommended excavator	lb	-	-	13,230 - 19,840	19.840 - 44,100	44,100 - 77,160	77,160 - 110,230
	Recommended backhoe loader	lb	17,640 - 33,100	-	17,640 - 19,840*	-	-	-
٠	Recommended loader**	lb	17,640 - 33,100	33,100 - 55,120	-	-	-	-
	Weight	lb	3,197	6,173	904	2,425	4,409	8,069
	Load capacity	су	1.44	3.14	0.42	1.44	3.14	4.90
	Pressure	PSI	2,321 - 2,901	2,901 - 3,626	1,885 - 2,176	2,176 - 2,901	2,901 - 3,626	4,641 - 5,076
	Back pressure	PSI	< 290	< 290	< 290	< 290	< 290	< 73
	Oil flow rate***	gal/min	21 - 26	32 - 37	11 - 16	16 - 21	32 - 37	42 - 48
	Basket diameter	in	47	63	31	47	63	78
	Basket depth	in	35	48	22	35	48	59
	Size A	in	66	86	37	55	72	91
	Size B	in	76	93	48	67	89	112
	Size C	in	54	70	40	57	74	93

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

PRODUCT CATALOGUE

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





APPLICATION AREAS



ENCLOSED SPACES

URBAN CONSTRUCTION SITES









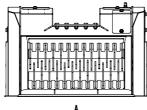


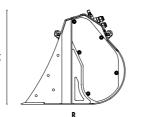


MAINTAINING LANDSCAPE And Agricultural Areas



DIMENSIONS





OPTIONAL ACCESSORIES



LOAD CAPACITY INCREASE KIT*





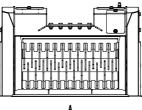
*available only for MR-HDS207 model

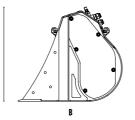




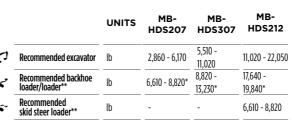
SHAFT HOLDER







MODELS



		00	HDS207	HDS307	HDS212	HDS312	HDS214	HDS220	HDS412	HDS314	HDS320	HDS323	HDS523
J	Recommended excavator	lb	2,860 - 6,170	5,510 - 11,020	11,020 - 22,050	15,430 - 24,250	19,840 - 28,660	-	22,050 - 30,860	28,660 - 44,100	39,680 - 55,910	48,500 - 77,160	66,140 - 99,210
٠	Recommended backhoe loader/loader**	lb	6,610 - 8,820*	8,820 - 13,230*	17,640 - 19,840*	-	17,640 - 28,660	15,430 - 24,250	-	19,840 - 30,860	24,250 - 30,860	26,460 - 35,270	-
·	Recommended skid steer loader**	lb	-	-	6,610 - 8,820	-	8,820 - 22,050	9,920 - 22,050	-	-	-	-	-
	Weight	lb	216	375	1,058	1,587	1,087	2,205	2,646	3,086	4,629	5,291	7,386
	Load capacity	су	0.07	0.10	0.20	0.46	0.52	0.78	0.72	1.18	1.77	2.16	2.62
	Pressure	PSI	2,901 - 3,191	2,901 - 3,191	2,901 - 3,626	2,901 - 3,626	2,901 - 3,626	3,336 - 4,061	3,336 - 4,061	3,336 - 4,061	3,626 - 4,351	3,626 - 4,351	3,626 - 4,351
	Oil flow rate***	gal/min	7 - 9	7 - 9	20 - 26	20 - 26	20 - 32	24 - 70	24 - 40	26 - 42	32 - 42	32 - 42	61 - 66
	Size A	in	29	30	48	49	54	87	49	56	81	92	92
	Size B	in	21	28	32	39	44	42	48	53	53	59	59
	Size C	in	19	23	28	35	37	35	44	49	49	49	64

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

PRODUCT CATALOGUE

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





FOR EXCAVATORS AND SKID STEER **LOADERS**

7,720 - 77,160 lb



REPLACING THE DRUMS

The drum heads can be replaced directly

Twin Motor System, which distributes the force of two drums according to



SUBMERSION

underwater work.



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



Devices available to 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.









APPLICATION AREAS











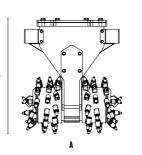


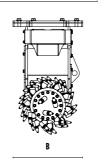
URBAN MAINTAINING LANDSCAPE
CONSTRUCTION SITES AND AGRICULTURAL AREAS

ENCLOSED SPACES



DIMENSIONS













OPTIONAL ACCESSORIES

24 MONTH WARRANTY

INTERCHANGEABLE DRUM KIT





PICK KITS



ROCK AND ASPHALT DUST SUPPRESSION





DRUM COVER



CUTTING DEPTH

ADJUSTMENT KIT*



*CUTTER BODY

ROTARION KIT**



POWER

TRANSMISSION

KIT**

MODELS

		UNITS	MB-R500	MB-R700	MB-R800	MB-R900
J	Recommended excavator	lb	7,720 - 24,250	13,230 - 28,660	22,050 - 48,500	41,490 - 77,160
~	Recommended skid steer loader*	lb	7,720 - 13,230	13,230 - 22,050	-	-
	Weight	lb	661	1,323	2,205	3,086
	Cutting width	in	18	35	40	44
	Pick force	ft lb	14,456	14,456	25,003	29,502
	Speed/Min. (minimum - maximum)	rpm	80 - 120	80 - 110	60 - 80	60 - 80
	Output torque	Nm	5,000	5,000	10,000	13,200
	Pressure	PSI	4,351 - 5,076	4,351 - 5,076	4,351 - 5,076	4,351 - 5,076
	Back pressure	PSI	< 58	< 58	< 58	< 58
	Oil flow rate**	gal/min	16 - 32	29 - 48	53 - 79	66 - 92
	Drum diameter	in	20	20	24	27
	Size A	in	20	35	40	44
	Size B	in	20	20	24	27
	Size C	in	37		44	54

**only available for MB-R500 model PRODUCT CATALOGUE

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

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

SORTING RAPPLES MB



FOR **EXCAVATORS**

2,860 - 66,140 lb

COUPLING SYSTEM

Inclined coupling system increases the attachment's reach.



SAFE

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





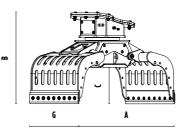


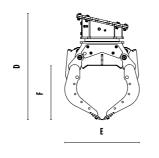




URBAN CONSTRUCTION SITES

DIMENSIONS





MODELS





	UNITS	MB-G350 S4	MB-G400 \$4	MB-G450 S4	MB-G500 S4	MB-G600 \$4	MB-G900 S4	MB-G1000 S4	MB-G1200 S4	MB-G1500 S4
Recommended excavator	lb	2,860 - 5,730	5,290 - 8,820	7,720 - 12,120	11,020 - 17,640	15,430 - 26,460	26,460 - 39,680	39,680 - 55,120	39,680 - 66,140	44,100 - 66,140
Weight	lb	187	441	635	926	1,389	1,720	3,257	3,637	4,520
Capacity (claws closed)	су	0.04	0.10	0.13	0.24	0.31	0.56	0.58	0.93	1.87
Rotation	Degree	360°	360°	360°	360°	360°	360°	360°	360°	360°
Oil pressure (rotation)	PSI	1,885 - 2,466	1,885 - 2,466	2,176 - 2,901	2,321 - 2,901	2,321 - 2,901	2,321 - 3,191	2,901 - 3,626	2,901 - 3,626	2,901 - 3,626
Oil flow rate (rotation)	gal/min	1-3	2-3	3-5	4-7	7-9	4 - 9	16 - 21	8 - 11	8 - 11
Maximum oil pressure (opening - closing)	PSI	2,611 - 3,191	2,611 - 3,191	2,611 - 3,191	2,611 - 3,626	3,626 - 4,351	4,351 - 5,076	4,351 - 5,076	4,351 - 5,076	4,351 - 5,076
Maximum oil flow rate (opening - closing)	gal/min	4-5	5-7	5-8	8 - 11	13 - 16	16 - 18	18 - 24	18 - 24	18 - 24
Size A	in	31	41	51	59	67	73	73	83	98
Size B	in	22	31	34	39	45	48	54	57	65
Size C	in	9	13	17	16	19	21	20	23	32
Size D	in	35	32	38	43	51	56	59	66	77
Size E	in	19	27	30	34	38	39	47	47	55
Size F	in	11	15	20	21	25	29	25	32	44
Size G	in	14	16	19	22	26	37	40	49	60

OPTIONAL 21 ACCESSORIES

SHAFT KIT

FOR SHAFT SCREENERS Page 14-15



OPTIONAL ACCESSORIES

Page 18-19 FOR SORTING GRAPPLES



RQ8/RQ15/RQ20/RQ50 SIFTING KIT

ADJUSTMENT* 0.30.6/0.8/2.0 in

APPLICATION Sifting damp/dry soil

Soil aeration



RM MIXER KIT

APPLICATION

Soil Aeration Compost Aeration





RC COMPOST KIT

ADJUSTMENT* 1.4 in

APPLICATION

Shredding foliage and small branches Composting



APPLICATION

RE8/RE16 FINE SIFTING KIT

ADJUSTMENT* 0.3/0.6 in

Sifting damp/dry soil



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.

GRIP IMPROVEMENT KIT



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





RUBBER PROTECTION KIT

For handling blocks of linear and delicate material.

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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