

PRODUCT CATALOGUE 2022

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 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.



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 **200 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 230 dealers helps sell MB Crusher's products to over 150 countries.



Learn more

PRODUCT CERTIFICATIONS

UNI EN ISO 9001

Quality Management Systems

Declaration

ſF

of conformity

TUV

Safety requirements certificate **PCT** International

Patent Protection

PROCESS CERTIFICATIONS

RINA CERTIFICATION

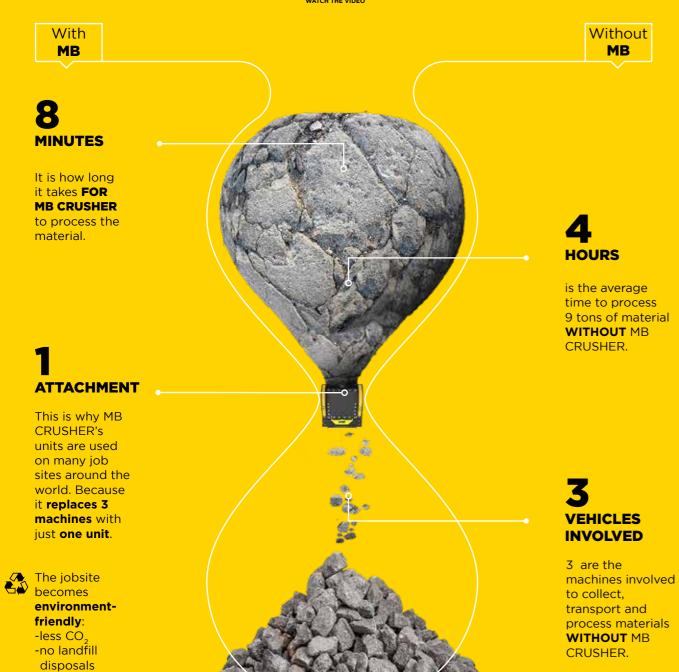
Organization with qualified welding processes and personnel

WITH MB CRUSHER \bigcirc U CRUSH EVEN TIME.

ONE ATTACHMENT TO WORK FASTER AND SAVE MONEY.



WATCH THE VIDEO



BEFORE/AFTER

MB CRUSHER'S IMPACT ON DIFFERENT MATERIALS

BUILDING OR CONSTRUCTION MATERIALS

Demolition waste Excavated soil Asphalt

Reinforced concrete Bricks



ORGANIC MATERIALS

Foliage Sand and soil



WASTE

Garbage Nylon and plastic Bituminous waste

Glass





DON'T SEE YOUR MATERIAL?

material.

-reduce pollution emissions from vehicles

transporting



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



ROCKS

Coal
Porphyry
Limestone
Granite
Basalt

Marble **River Stone** Calcium carbonategypsum



FOUNDRY WASTE AND METALS

Casting mold waste and slag Foundry sand Copper slag

Iron Steel and aluminium slag



POLES AND COLUMNS

Concrete slabs Concrete pipes Gratings

Vineyard poles Light poles Railway sleepers



MB CRUSHER BUCKETS



BACKHOES, LOADERS

AND SKID STEERS

 \geq 4,5 ton

FIND OUT MORE



The patented 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.



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.



AREAS OF APPLICATION

ENCLOSED

TUNNELS











PRODUCT CATALOGUE

MB CRUSHER BUCKETS



FOR EXCAVATORS AND BACKHOE \geq 7 ton

FIND OUT MORE

LOADERS

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.



ACCESSORIES

24 MONTH WARRANTY

HOUR METER









IRON SEPARATOR



DUST SUPPRESSION KIT

	20 mm	m³/h
	30 mm	m³/h
	40 mm	m³/h
	50 mm	m³/h
IN	60 mm	m³/h
STME	70 mm	m³/h
îna	80 mm	m³/h
UTA	90 mm	m³/h
4 5	100 mm	m³/h
NG O	110 mm	m³/h
CRUSHING OUTPUT ADJUSTMENT	120 mm	m³/h
R	130 mm	m³/h
	135 mm	m³/h
	140 mm	m³/h

MODELS

Recommended excavator

Recommended backhoe loader

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Weiaht

Pressure

Load capacity

Back pressure

Oil flow rate**

Mouth width

Mouth height

Size A

Size B

Size C

15 mm

145 mm	m³/h
150 mm	m³/h
200 mm	m³/h

*Rear.

> 150 < 200 > 15 I/min. > 90 < 130 > 120 < 180 540 610 740 850 mm 500 510 250 510 mm 1300 1000 1000 1150 mm 1745 1240 2000 205 mm 1400 770 1100 1200 mm PRODUCTIVITY m³/h 4 10 4,8 77 6,3 17 7,8 10,4 1/ 9,3 11,7 10 13 14,4 20 15,8 22 23 17,1 24 25 18.5 27 26 19,8 78 29 71 30 31 23 33 34

UNITS MB-C50 S4 BF60.1 S4

 \geq 10 \leq 18

1,65

0,55

> 220

< 10

 \geq 16 \leq 25

2,30

0,65

> 220

< 10

 \geq 7 \leq 10

*≥8≤9

0,75

0,15

> 200

< 10

ton

ton

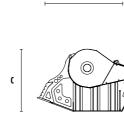
ton

m³

bar

bar

**The hydraulic flow and pressure must meet the required parameters.

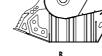


В



A

DIMENSIONS















BF150.10

\geq 18,5 \leq 29	≥ 21 ≤ 32	\geq 30 \leq 45	\geq 43 \leq 80	\geq 70 \leq 100
-	-	-	-	-
3,00	3,50	4,80	7,50	10,50
0,70	0,90	1,30	1,60	2,30
> 220	> 220	> 220	> 230	> 230
< 10	< 10	< 10	< 10	< 10
> 150 < 220	> 180 < 240	> 190 < 260	> 320 < 380	> 380 < 430
850	910	1205	1300	1450
510	540	540	600	700
1300	1340	1620	1880	2090
2050	2185	2185	2930	3560
1400	1390	1390	1700	2065
ITY				
10	12	15	-	
11	13,2	16,4	-	-
13	15,5	19,2	-	-
15	17,8	22	38,7	-
17	20	24,8	43,2	-
19	22,5	27,6	47,6	-
21	24,8	30,4	52,2	-
23	27,2	33	56,6	-
25	29,5	36	61,1	-
27	31,8	38,8	65,6	-
29	34,2	41,6	70,1	73,1
31	36,5	44,4	74,5	76,6
33	38,8	47,2	79,1	82,5
34	41	48,6	81,3	84,1
-	42	50	83,5	87,6
-		53	85,7	91,1
-	-	-	88	95

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.

MB CRUSHER BUC



FIND OUT MORE

BACKHOES, LOADERS AND SKID STEERS

FOR EXCAVATORS,

≥ **4,5** ≤ 17 ton

Mounted on loaders, skid steers, backhoe loaders, mini-excavators and excavators they crush any type of 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.



ACCESSORIES

24 MONTH WARRANTY



















DUST SUPPRESSION KIT

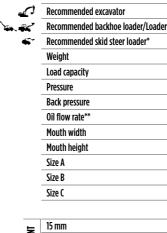


DIMENSIONS

A

B

MODELS



-	15 mm
	20 mm
ŝ	30 mm
	40 mm
	50 mm
5	60 mm
*	Please verify machine's Rated Operating Capacity.

** The hydraulic flow and pressure values must meet the required parameters.













	UNITS	MB-L120 \$2	MB-L140 S2	MB-L160 S2	MB-L200 S2
	ton	≥6,5≤12	≥7≤13	\geq 11 \leq 16	≥12≤17
er*	ton	≥5≤9	\geq 5 \leq 10	≥7≤11	≥7≤12
	ton	≥4,5≤6	≥4,5≤6	≥5≤7	$\geq 6 \leq 8$
	ton	0,95	0,98	1,45	1,50
	m ³	0,19	0,20	0,35	0,43
	bar	> 200	> 200	> 200	> 200
	bar	< 10	< 10	< 10	< 10
	I/min.	95	98	110	120
	mm	730	740	1100	1150
	mm	250	250	250	260
	mm	1230	1530	1630	2030
	mm	1230	1230	1300	1435
	mm	800	800	835	835
	P	RODUCTIVITY			
	m³/h	6	8	9	10
	m³/h	7	9	10,2	11,3
	m³/h	9	11	12,7	14
	m³/h	11	13	15,1	16,7
	m³/h	13	15	17,6	19,3
	m³/h	14	16	20	22
			To obtain the values in	ton/h multiply the data	licted in the table by the

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. **PRODUCT CATALOGUE**



APPLICATION AREAS

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MAINTAINING LANDSCAPE

ECYCLING AGGREGATE

FOREST MAINTENANCE

URBAN CONSTRUCTION SITES

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PIPELINES

UNDERWATER WORKS

TUNNELS

ENCLOSED SPACES



ACCESSORIES









HOUR METER





BASKET PROTECTION KIT

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DEMOLITIO

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QUARRIES

FOUNDRIES

A

ROAD WORKS

X

EXCAVATIONS





DIMENSIONS

D

D

A

MODELS

Recommended excavato
Recommended backhoe loader
Recommended loader**
Weight
Load capacity
Pressure
Back pressure
Oil flow rate***
Basket diameter
Basket depth
Size A
Size B
Size C
Size D

's Rated Operating Capacity.

B

er.com





MAINTENANCE

simple, fast, and centralized.















	UNITS	MB-LS170 S2	MB-LS220 S2	MB-S10 S4	MB-S14 S4	MB-S18 S4	MB-S23
r	ton	-	-	$\geq 6 \leq 9$	≥9≤20	\geq 20 \leq 35	\geq 35 \leq 50
_	ton	≥8≤15	-	*≥8≤9	-	-	-
	ton	≥8≤15	≥15≤25	-	-	-	-
_	ton	1,45	2,80	0,41	1,10	2,00	3,66
_	m ³	1,10	2,40	0,32	1,10	2,40	3,75
_	bar	> 160	> 200	> 130	> 150	> 200	> 320
_	bar	< 40	< 40	< 40	< 40	< 40	< 5
	l/min	80	120	40	60	120	160
_	mm	1200	1600	800	1200	1600	1970
	mm	900	1225	555	900	1225	1490
_	mm	1865	2180	950	1400	1840	2320
	mm	1670	2355	1220	1700	2260	2840
_	mm	1380	1790	1010	1440	1870	2350
_	mm	1200	1600	800	1200	1600	1970

*** The hydraulic flow rate values must be met alongside the required operating pressure.

MB SHAFTS S E ENERS



FIND OUT MORE

FOR EXCAVATORS, ≥ **1,3** ≤ **45 BACKHOES, LOADERS** ton AND SKID STEERS



∕∕∖∕

The frame is designed to minimize noise and vibration.





Simple, fast, and centralized maintenance.

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 optimal design and large loading volume ensures high and optimal production rates.

> PAGE 20



ACCESSORIES



nbcrusher.com

LOAD CAPACITY **INCREASE KIT***



*available only for MB-HDS207 model

APPLICATION AREAS



TUNNELS

KIT

ENCLOSED SPACES URBAN Construction sites

A

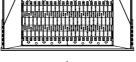
ROAD WORKS

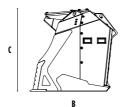
RECYCLING Aggregates





DIMENSIONS





MODELS

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<u>.</u>

 \bigtriangledown

A	

Load ca Pressur Oil flow Size A

					-	-		-	
		MB-H	DS207	MB-	MB-	MB-	MB-	MB-	MB-
	UNITS	without capacity increase kit	with capacity increase kit	HDS212	HDS214	HDS314	HDS320	HDS323	HDS523
Recommended excavator	ton	≥1,3≤2,8	≥1,7≤3	\geq 5 \leq 10	≥9≤13	\geq 12 \leq 20	\geq 18 \leq 24	≥22≤35	\geq 30 \leq 45
Recommended backhoe loader	ton	-	-	≥8≤9*	-	-	-	-	-
Recommended backhoe loader/loader**	ton	-	-	-	≥8≤13	\geq 9 \leq 14	\geq 11 \leq 14	\geq 12 \leq 16	-
Recommended skid steer loader**	ton	-	-	≥3≤4	≥4<10	-	-	-	-
Weight	ton	0,098	0,113	0,48	0,82	1,40	2,10	2,40	3,35
Load capacity	m ³	0,05	0,06	0,15	0,40	0,90	1,35	1,65	2,00
Pressure	bar	>200	>200	>200	> 200	> 230	> 250	> 250	> 250
Oil flow rate***	I/min.	25	25	\geq 75 \leq 100	75	100	120	120	230
Size A	mm	740	750	1220	1380	1430	2050	2330	2330
Size B	mm	545	595	815	1125	1350	1350	1500	1500
Size C	mm	495	495	710	950	1250	1250	1250	1620

* Rear

** Please verify machine's Rated Operating Capacity. *** The value of the hydraulic flow rate must be reached alongside the required operating pressure.





SHAFTS REPLACEMENT SYSTEM

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

AUTOMATIC HYDRAULIC

BUFFER SYSTEM

to protect the engine and transmission.











523

MB DRUM



≥ **3,5** ≤ **35** ton





REPLACING THE DRUMS

The drum heads can be replaced directly

feature the Direct Drive Twin Motor System, which distributes the force of two drums according to the power required.



underwater work.

 $[\checkmark]$ DURABLE

Equipped with **wear-**resistant plates to



OPTIONAL ACCESSORIES

24 MONTH WARRANTY

GOLD2



INTERCHANGEABLE



DRUM COVER **CUTTING DEPTH** KIT** **ADJUSTMENT KIT****

A

ROAD WORKS

UNDERWATER WORKS

ENCLOSED SPACES

*CUTTER BODY **ROTARION KIT**** eeds rotation syster

APPLICATION AREAS

OUARRIES

X

EXCAVATIONS

TUNNELS

MINES

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PIPELINES

URBAN CONSTRUCTION SITES

TRANSMISSION KIT**



POWER

Ö

DEMOLITIONS

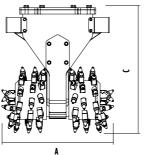
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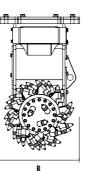
MAINTAINING LANDSCAPE And Agricultural Areas

PROFILING



DIMENSIONS





1

<u>.</u>

UNITSMB-R500MB-R700MB-R800MB-RRecommended excavatorton $\geq 3, 5 \leq 11$ $\geq 6 \leq 13$ $\geq 10 \leq 22$ $\geq 19 \leq 22$ Recommended skid steer loader*ton $\geq 3, 5 \leq 6$ $\geq 6 \leq 10$ Cutting widthmm45089010151130Pick forceN19600196003390040000Speed/Min. (min/max)rpm80/12080/11060/8060/80Output torqueNm500050001000013200Pressurebar ≥ 350 ≥ 350 ≥ 350 ≥ 350 Back pressurebar<4<4<4Weightton0,300,601,001,40	
Recommended skid steer loader* ton $\geq 3, 5 \leq 6$ $\geq 6 \leq 10$ - - Cutting width mm 450 890 1015 1130 Pick force N 19600 19600 33900 40000 Speed/Min. (min/max) rpm 80/120 80/110 60/80 60/80 Output torque Nm 5000 5000 10000 13200 Pressure bar >350 >350 >350 >350 Back pressure bar <4	35
Cutting width mm 450 890 1015 1130 Pick force N 19600 19600 33900 40000 Speed/Min. (min/max) rpm 80/120 80/100 60/80 60/80 Output torque Nm 5000 5000 10000 13200 Pressure bar >350 >350 >350 >350 Back pressure bar <4	
Pick force N 19600 19600 33900 40000 Speed/Min. (min/max) rpm 80/120 80/110 60/80 60/80 Output torque Nm 5000 5000 10000 13200 Pressure bar >350 >350 >350 >350 Back pressure bar <4	
Speed/Min. (min/max) rpm 80/120 80/110 60/80 60/80 Output torque Nm 5000 5000 10000 13200 Pressure bar >350 >350 >350 >350 >350 Back pressure bar <4 <4 <4 <4	
Output torque Nm 5000 5000 10000 13200 Pressure bar >350 >350 >350 >350 >350 Back pressure bar <4	
Pressure bar >350 >350 >350 >350 Back pressure bar <4	
Back pressure bar <4	
Weight ton 0,30 0,60 1,00 1,40	
Oil flow rate** I/min. 60 - 120 110 - 180 200 - 300 250 - 350	50
Drum 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	

* Please verify machine's Rated Operating Capacity. ** The hydraulic flow rate values must be met alongside the required operating pressure.





**only available for MB-R500 model





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



RELIABLE

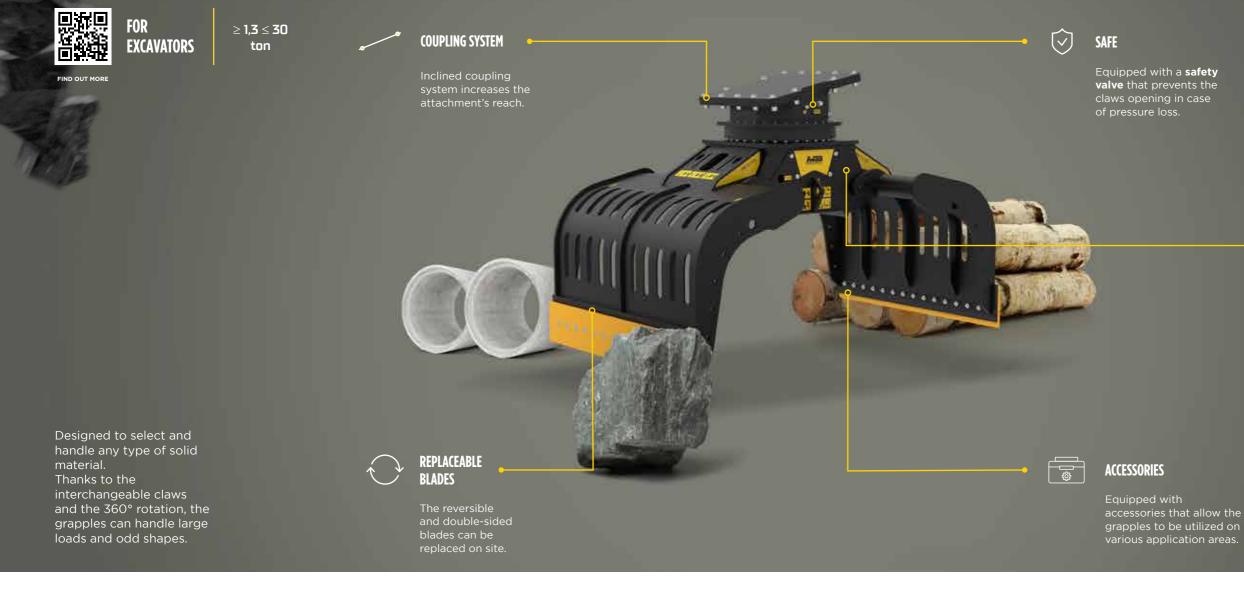
Devices available to reduce the excavator's oil temperature during heavy use.



STRONGER

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

SORTING RAPPLES MB (\mathbf{G})



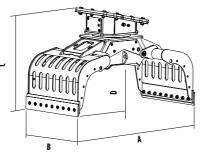


AREAS OF APPLICATION

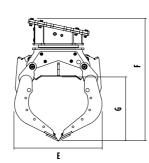


ENCLOSED SPACES

URBAN Construction sites



DIMENSIONS



MODELS

UNITÀ MB-G350 S4 MB-G450 S4 MB-G600 S4 MB-G900 S4 MB-G1000 S4 MB-G1200 S4 MB-G1500 S4

Recommended excavator	ton	≥1,3≤2,6	≥3≤6	\geq 6 \leq 12	\geq 12 \leq 18
Weight	ton	0,085	0,288	0,60	0,78
Capacity (claws closed)	m ³	0,03	0,10	0,29	0,43
Rotation	Degrees	360°	360°	360°	360°
Oil pressure (rotation)	bar	> 150	> 150	> 160	> 160
Oil flow rate (rotation)	I/min.	5	10	15-30	15-30
Oil pressure (opening/closing)	bar	0 - 200	0 - 250	200 - 300	200 - 300
Oil flow rate (opening/closing)	I/min.	15	40	25	30
Size A	mm	795	1300	1860	1860
Size B	mm	350	475	650	930
Size C	mm	570	865	1175	1175
Size D	mm	233	425	540	540
Size E	mm	490	770	1000	1000
Size F	mm	915	960	1380	1380
Size G	mm	283	520	740	740

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LOW NOISE **EMISSIONS**

thanks to the silent blocks.









 $\geq\!18\!\leq\!25$

1,615

0,44

360° > 220

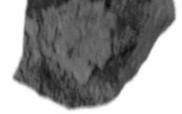
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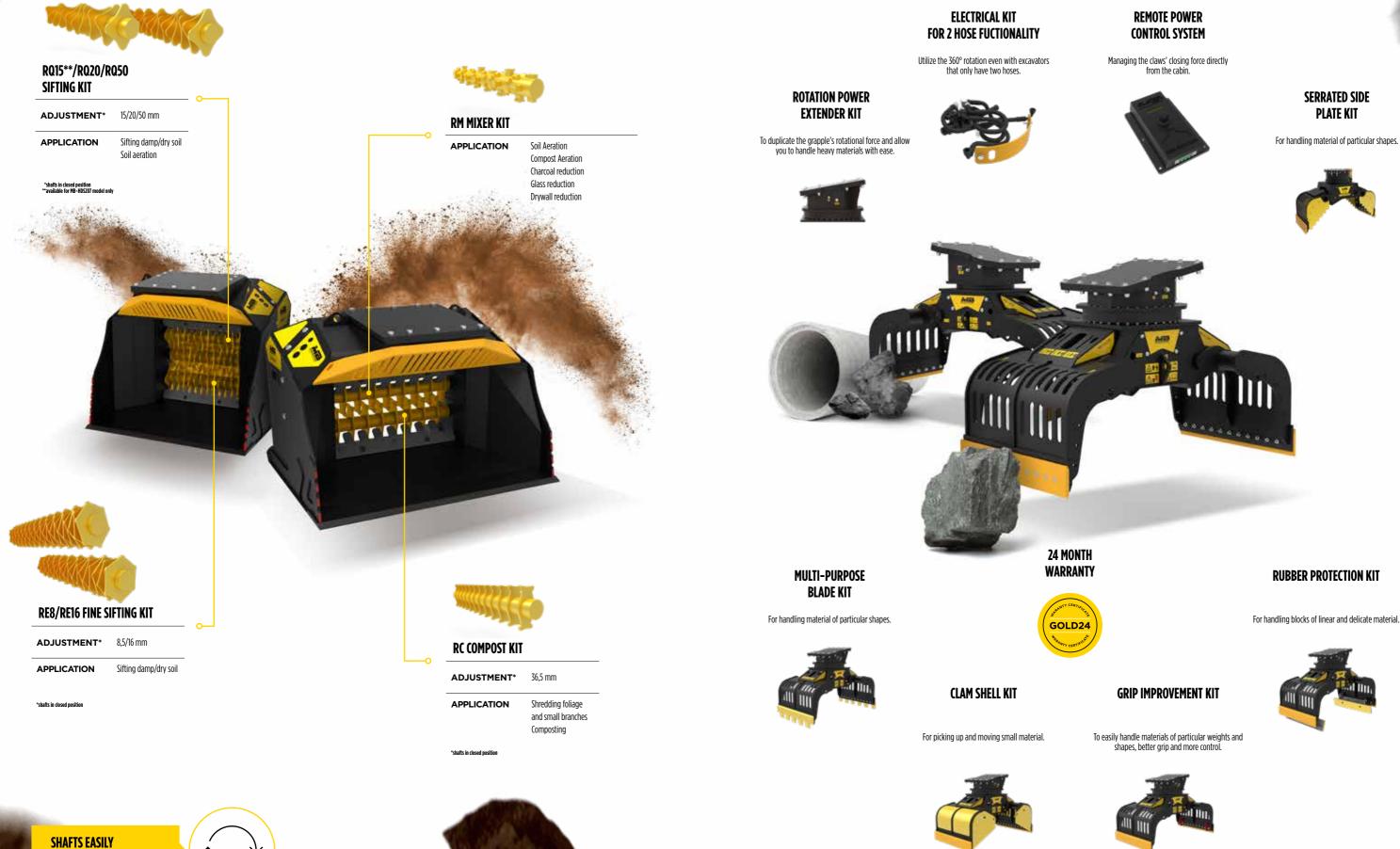
1170 1500 640

\geq 20 \leq 30
2,05
1,43
360°
> 220
20-35
300 - 400
70
2475
1535
1700
810
1365
2000
1110



FOR SHAFT SCREENERS Page 14-15





REPLACEABLE ON SITE



Page 18-19 FOR SORTING GRAPPLES





For handling material of particular shapes.



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







Ĥ EASIER TO USE

ONLY AVAILABLE ON SELECT MODELS

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MB RUS 000 «M5 PYC»





MB CRUSHER WORLDWIDE



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