

## **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 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 **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

#### PRODUCT CERTIFICATIONS

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.



WATCH THE VIDEO



it replaces 3 machines with just one unit.

The jobsite becomes environmentfriendly: -less CO, -no landfill disposals -reduce pollution emissions from vehicles transporting material.



#### **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 Ceramics



DON'T SEE YOUR MATERIAL?

## 3 **VEHICLES** INVOLVED 3 are the

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



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** 

3 - 100 ton

FIND OUT MORE



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.





#### 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.













# MB CRUSHER BUCKETS



FOR EXCAVATORS AND BACKHOE 6,5 – 100 ton

FIND OUT MORE

Installed on heavy equipment, MB's jaw crushers transform waste into ready-to-use material in a single crushing phase.

LOADERS

. 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

DIMENSIONS

╏╴╸╴╸╸ A

B

100

	MODELS		8	<b>1</b>	1	1			1	
		UNITS	MB-C50 S4	BF60.1 S4	BF70.2 S4	BF80.3 S4	BF90.3 S4	BF120.4 S4	BF135.8	BF150.10
af Sin	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 <sup>3</sup>	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
					PRODUCT	IVITY				
	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	-
ENT	60 mm	m³/h	10	13	18	19	22,5	27,6	47,6	
STM	70 mm	m³/h	-	14,4	20	21	24,8	30,4	52,2	-
CRUSHING OUTPUT ADJUSTMENT	80 mm	m³/h	-	15,8	22	23	27,2	33	56,6	
ĺ,	90 mm	m³/h	-	17,1	24	25	29,5	36	61,1	-
Ē.	100 mm	m³/h	-	18,5	26	27	31,8	38,8	65,6	
Ŋ	110 mm	m³/h	-	19,8	28	29	34,2	41,6	70,1	73,1
INSL	120 mm	m³/h	-	21	30	31	36,5	44,4	74,5	76,6
2	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.

## MB CRUSHER BUCKE



FOR EXCAVATORS, **BACKHOES, LOADERS** 3 - 17 ton

FIND OUT MORE

AND SKID STEERS

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



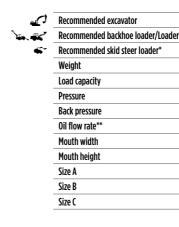
DIMENSIONS

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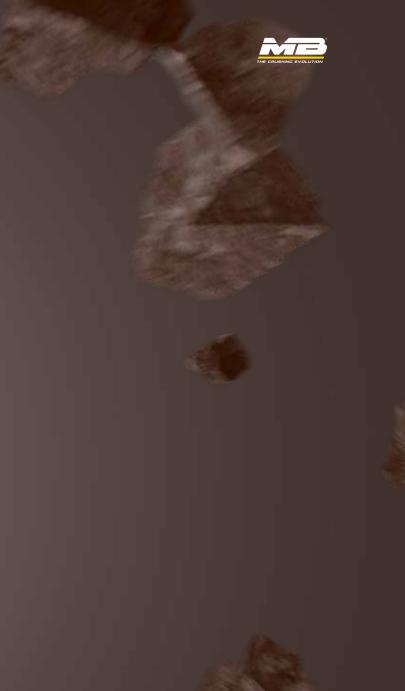
A

B

#### MODELS



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











	UNITS	MB-L120 \$2	MB-L140 S2	MB-L160 S2	MB-L200 S2
	ton	7,5 - 12	7,5 - 13	11 - 16	12 - 17
r*	ton	5 - 9	5 - 10	7 - 11	7 - 12
	ton	3-6	3-6	5 - 7	6 - 8
	ton	0,95	0,98	1,45	1,50
	m <sup>3</sup>	0,19	0,20	0,35	0,43
	bar	200 - 250	200 - 250	200 - 280	200 - 280
	bar	< 10	< 10	< 10	< 10
	I/min	95 - 120	98 - 150	110 - 200	120 - 200
	mm	790	800	1180	1185
	mm	250	250	280	280
	mm	1230	1530	1630	2030
	mm	1230	1230	1300	1435
	mm	800	800	835	835
	PI	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

\*\* 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.





#### ACCESSORIES







HOUR METER







DEMOLITIONS



**APPLICATION AREAS** 









#### DIMENSIONS

R

В

Δ

A

### MODELS

Recommended excavator
Recommended backhoe loader
Recommended loader**
Weight
Load capacity
Pressure
Back pressure
Oil flow rate***
Basket diameter
Basket depth
Size A
Size B
Size C
* Installable on the backboo loader b

\* 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





#### MAINTENANCE

simple, fast, and centralized.















UNITS	MB-LS170 S2	MB-LS220 S2	MB-S10 S4	MB-S14 S4	MB-S18 S4	MB-S23
ton	-	-	6 - 9	9 - 20	20 - 35	35 - 50
ton	8 - 15	-	8 - 9*	-	-	-
ton	8 - 15	15 - 25	-	-	-	-
ton	1,45	2,80	0,41	1,10	2,00	3,66
m³	1,10	2,40	0,32	1,10	2,40	3,75
bar	160 - 200	200 - 250	130 - 150	150 - 200	200 - 250	320 - 350
bar	< 20	< 20	< 20	< 20	< 20	< 5
I/min	80 - 100	120 - 140	40 - 60	60 - 80	120 - 140	160 - 180
mm	1200	1600	800	1200	1600	1970
mm	900	1225	555	900	1225	1490
mm	1670	2180	950	1400	1840	2320
mm	1930	2355	1220	1700	2260	2840
mm	1360	1790	1010	1440	1870	2350

## MB SHAFTS S CREENERS



FIND OUT MORE

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

1,3 – 45 ton



-///-

 $\bigtriangledown$ 

The frame is designed to minimize noise and vibration.



EASY MAINTENANCE

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.



**ACCESSORIES** 

### **APPLICATION AREAS**



#### DIMENSIONS



MODELS	5	<b>6</b>	6									
	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 <sup>3</sup>	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.

LOAD CAPACITY



GOLD2

**INCREASE KIT\*** 



\*available only for MB-HDS207 model

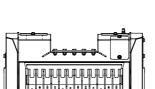




SHAFT HOLDER













#### 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.

# MB



FOR EXCAVATORS AND SKID STEER 3,5 – 35 ton



The drum heads can be replaced directly

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



underwater work.



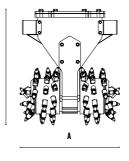
**CUTTING DEPTH** 

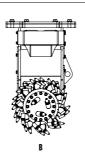
ADJUSTMENT KIT\*



4.1

### DIMENSIONS







 $[\checkmark]$ DURABLE

Equipped with **wear-**resistant plates to

## MODELS

С	Recommended excavator
<b>\$</b> *	Recommended skid steer loader*
	Weight
	Cutting width
	Pick force
	Speed/Min. (minimum - maximum)
	Output torque
	Pressure
	Back pressure
	Oil flow rate**
	Drum diameter
	Size A
	Size B
	Size C
	* Please verify machine's Rated Operating Capacity.

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

ROCK AND ASPHALT DUST SUPPRESSION DRUM KIT (LOW-SET / FULL-SET) PICK KITS KIT

**OPTIONAL ACCESSORIES** 

INTERCHANGEABLE







\*CUTTER BODY POWER TRANSMISSION **ROTARION KIT**\*\* eeds rotation syster KIT\*\*











\*\*only available for MB-R500 model

DRUM COVER

KIT\*\*

24 MONTH

WARRANTY

GOLD2



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.

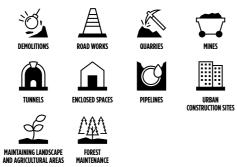
	3	5	7	7
UNITS	MB-R500	MB-R700	MB-R800	MB-R900
ton	3,5 - 11	6 - 13	10 - 22	19 - 35
ton	3,5 - 6	6 - 10	-	-
ton	0,30	0,60	1,00	1,40
mm	450	890	1015	1130
N	19600	19600	33900	40000
rpm	80 - 120	80 - 110	60 - 80	60 - 80
Nm	5000	5000	10000	13200
bar	300 - 350	300 - 350	300 - 350	300 - 350
bar	< 4	< 4	< 4	< 4
I/min	60 - 120	110 - 180	200 - 300	250 - 350
mm	500	500	600	680
mm	500	895	1015	1130
mm	500	500	600	680
mm	820	930	1120	1375

# SORTING GRAPPLES MB



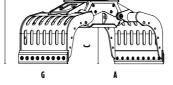


**APPLICATION AREAS** 

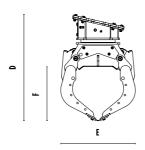


FOREST





DIMENSIONS



MODELS

		UNITS	MB-G350 S4	MB-G400 S4	MB-G450 S4	MB-G500 S4	MB-G600 S4	MB-G900 S4	MB-G1000 S4	MB-G1200 S4	MB-G1500 S4
F	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
١	Weight	ton	0,085	0,2	0,288	0,42	0,63	0,78	1,62	1,65	2,05
(	Capacity (claws closed)	m³	0,03	0,07	0,1	0,18	0,24	0,43	0,44	0,71	1,43
F	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
0	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
S	Size B	mm	570	780	865	980	1145	1210	1375	1450	1650
S	Size C	mm	233	330	425	415	470	540	510	590	810
S	Size D	mm	615	825	960	1095	1300	1410	1500	1670	1950
S	Size E	mm	490	675	770	855	975	1000	1200	1185	1365
S	Size F	mm	283	375	520	530	625	740	640	810	1110
S	Size G	mm	350	400	475	555	650	930	1015	1235	1535



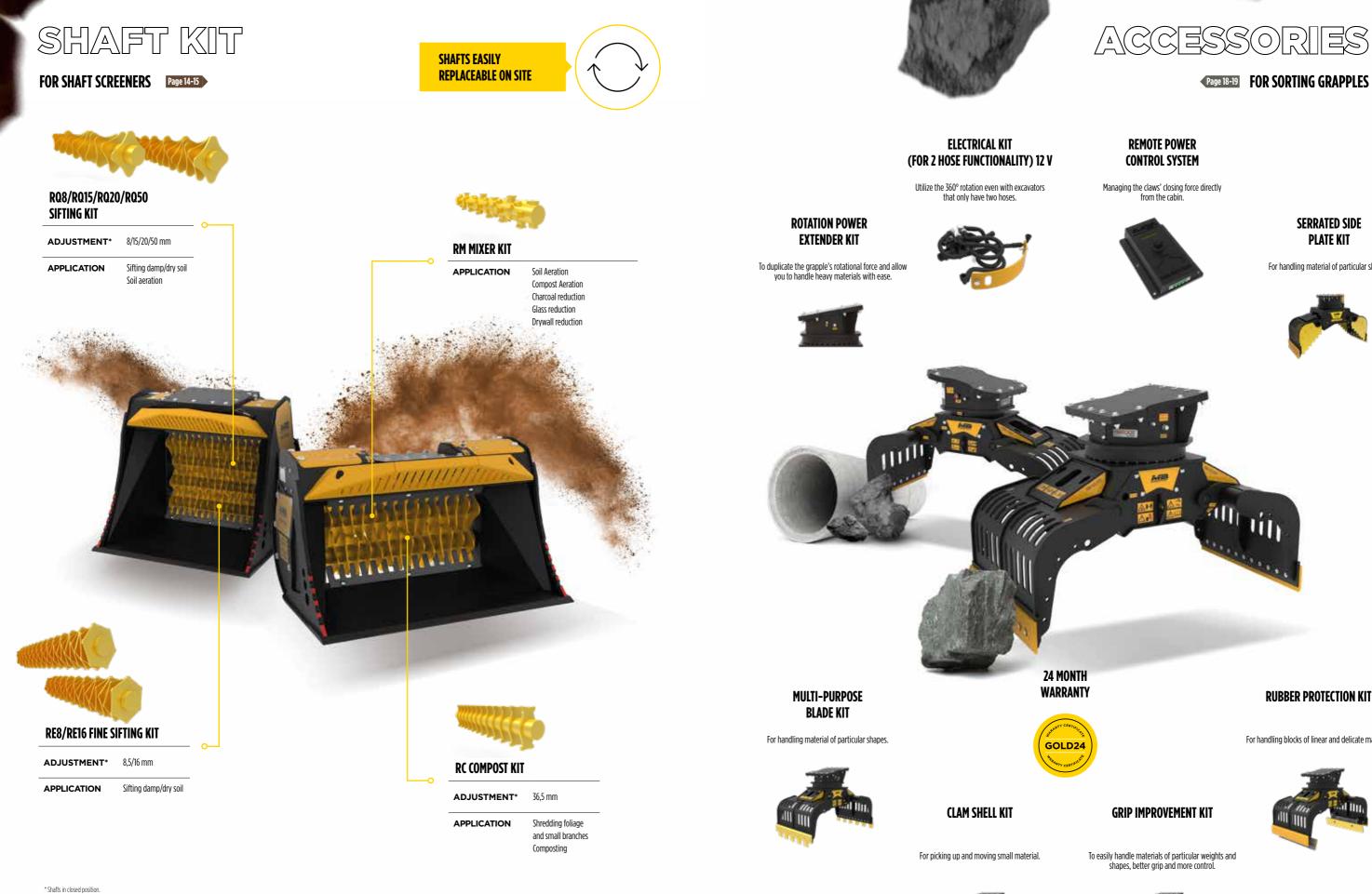




LOW NOISE **EMISSIONS** 

thanks to















For handling material of particular shapes.



#### **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.





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SAFER AND MORE COMPETITIVE

ONLY AVAILABLE ON SELECT MODELS

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COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001:2015 =







**MBCRUSHER.COM** 

