

### **PRODUCT CATALOG**

**REDUCE >>> REUSE >>> RECYCLE** 

### **MB CRUSHER:** ADVANCED, VERSATILE, TOUGH.

For over 20 years **MB CRUSHER** has been studying and **manufacturing** machinery compatible to heavy equipment regardless of size. Perseverance and versatility 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 to any carrier machine, turning them into real mobile crushers, while improving the machine's performance and allowing companies to use the resources available on their job sites.

**MB CRUSHER** has evolved over the years and has become the **benchmark for the construction** equipment industry around the world. With a full range of products to give companies the

solutions they are looking for.

### **MB CRUSHER** HAS SOLUTIONS FOR EVERY CARRIER MACHINE

From crusher buckets, screening buckets, padding buckets, drum cutters, to sorting grapples, **MB CRUSHER** provides professionals with the widest range of attachments capable of making construction sites of any size autonomous and competitive regardless of the job's nature and scope of action.

All MB CRUSHER's equipment is designed to tackle various obstacles, even the most extreme. From skid steers to 154,320 lb excavators, there's a suitable MB CRUSHER attachment to accommodate any task. MB can assure that the installation of our attachments is user friendly and quick to do, no matter the size of the equpiment.

### GUARANTEED PRODUCTS AND CERTIFIED QUALITY

Guaranteeing a safe product that is compliant with international regulations is essential for everyone at MB CRUSHER. From the assembly to the finish product, all aspects are consistently being certified to assure our customer's are receiving a product that is accredited for its exceptional quality and we are meeting our markets' needs.



## 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 484,400 SgFt host research and design laboratories, production departments, sales, and administrative offices. Here, every piece of equipment is designed, assembled, and distributed to international markets by more than 250 people. There are 9 subsideries in Brazil, China, France, Germany, Japan, India, Russia, and The United States.

They support the headquarters to promote and distribute the products to all continents. Supported by a network of over 950 dealers help sell MB CRUSHER's products to over 150 countries.



Learn more



#### PRODUCT CERTIFICATION

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 gualified welding processes and personnel

# WITH MB CRUSHER OU CRUSH IT

**ONE ATTACHMENT TO WORK FASTER** AND SAVE MONEY.



EVERY TIME.



## 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

CRUSHER.

Garbage Nylon and plastic Bituminous waste



Ceramics



DON'T SEE YOUR MATERIAL?

### **ATTACHMENT**

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

becomes environmentfriendly: -less CO -eliminate landfill disposals -reduce pollution emissions from vehicles transporting material.





MB CRUSHER units transform waste directly on the job site and allow you to autonomously 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 aluminum slag



#### POLES AND COLUMNS

Concrete slabs **Concrete** pipes Gratings

Vineyard poles Light poles Railway sleepers



## MB CRUSHER BUCKETS



DISCOVER

S

EASY

FOR EXCAVATORS,

AND SKID STEERS

**BACKHOES, LOADERS** 6,610 - 220,460 lb



The jaw crushers turns any earth moving machine into a real crusher. MB CRUSHER's range of crusher buckets is the largest in the world with over 90% world market share.

#### **APPLICATION AREAS** QUARRIES ROAD WORK DEMOLITIONS MINES





#### 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.

and increased production rates.













## MB CRUSHER BUCKETS



FOR EXCAVATORS 14,330 - 220,460 lb AND BACKHOE LOADERS

DISCOVER

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

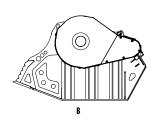
HOUR METER



### DIMENSIONS



٨







M	0	D	ΞL	S



	ded 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
Recommen	ded 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 capaci	ity	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 pressu	Ire	PSI	< 145	< 145	< 145	< 145	< 145	< 145	< 145	< 145
Oil flow rate	6**	gal/min	24 - 32	32 - 40	40 - 58	40 - 58	48 - 58	50 - 66	85 - 100	100 - 114
Mouth widt	h	in	23	24	29	35	36	47	51	57
Mouth heig	ht	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	TIVITY				
	15 mm	cy/h	5	9	12	13	16	20	-	-
	20 mm	cy/h	6	10	13	14	17	21	-	-
1 in	30 mm	cy/h	8	12	16	17	20	25	-	-
	40 mm	cy/h	10	14	18	20	23	29	51	-
2 in	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	-
3 in	80 mm	cy/h	-	21	29	30	36	43	74	-
	90 mm	cy/h	-	22	31	33	39	47	80	-
4 in	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
5 in	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
6 in	150 mm	cy/h	-	-	-	-	-	-	115	124
7 in	200 mm	cy/h		-	-				-	157

\* Can be equipped on the loader portion of suitable. \*\* The minimum hydraulic flow rate value must be alongside the required operating pressure.

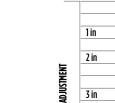




**IRON SEPARATOR 24 V** 







DUTPUT

CRUSHING

1











BF90.3 S4 BF120.4 S4 BF135.8







BF150.10

176,370	154,320 - 220,460
	-
	25,353
	3.00
,061	3,336 - 4,061
	< 145
	100 - 114
	57
	28
	84
	142
	05

To obtain the values in ton/h, multiply the data listed in the table by the specific weight of your material.

## MB CRUSHER BUCKETS



DISCOVER

**BACKHOES, LOADERS** AND SKID STEERS

FOR EXCAVATORS,

6,610 - 37,480 lb

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 unique performance characteristics that MB CRUSHER buckets have. MB Crusher buckets provide solutions for any needs that arise in small construction sites and particularly tight spaces.





### **OPTIONAL ACCESSORIES**

#### 24 MONTH WARRANTY

GOLD24





#### DUST SUPPRESSION KIT



### DIMENSIONS

A

В



ADJUSTMENT

DUTPUT

	JDELJ					
		UNITS	MB-L120 \$2	MB-L140 S2	MB-L160 S2	MB-L200 \$2
Recomm	nended excavator	lb	16,540 - 26,460	16,540 - 28,660	24,250 - 35,270	26,460 - 37,480
Recomm	nended backhoe loader/Loader*	lb	11,020 - 19,840	11,020 - 22,050	15,430 - 24,250	15,430 - 26,460
Recomm	nended skid steer loader*	lb	6,610 - 13,230	6,610 - 13,230	11,020 - 15,430	13,230 - 17,640
Weight		lb	2,095	2,161	3,197	3,307
Load ca	pacity	су	0.25	0.26	0.46	0.56
Pressur	е	PSI	2,901 - 3,626	2,901 - 3,626	2,901 - 4,061	2,901 - 4,061
Back pr	essure	PSI	< 145	< 145	< 145	< 145
Oil flow	rate**	gal/min	25 - 32	26 - 40	29 - 53	32 - 53
Mouth v	width	in	31	31	46	47
Mouth h	neight	in	10	10	11	11
Size A		in	48	60	64	80
Size B		in	48	48	51	56
Size C		in	31	31	33	33
		P	RODUCTIVITY			
	15 mm	cy/h	8	10	12	13
	20 mm	cy/h	9	12	13	15
1 in	30 mm	cy/h	12	14	17	18
	40 mm	cy/h	14	17	20	22
2 in	50 mm	cy/h	17	20	23	25
	60 mm	cy/h	18	21	26	29
/erify machine	e's optimal Operating Capacity.			To obtain the values in	ton/h, multiply the data li	isted in the table by the

15 mm				
20 mm				
30 mm				
40 mm				
50 mm				
60 mm				
nal Operating Capacit ulic flow rate value r				













e			
		_	









e value must be alongside the required operating pressure.

specific weight of your material. Indicative values only, estimated with the medium toughness of the materials.

## MB SCREENING BUCKETS



**BACKHOES AND** 13,230 - 110,230 lb



 $\lor$ 



FOR EXCAVATORS,

LOADERS

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. Crucial in all situations where different size materials are necessary.





### **OPTIONAL ACCESSORIES**

#### 24 MONTH WARRANTY

HOUR METER





## **APPLICATION AREAS**



BASKET PROTECTION KIT





DIMENSIONS

B

B

A

A

### MODELS

HIGH

22 1 ccr

UNITS MB-LS170 MB-LS220 MB-S10 MB-S14 MB-S18 MB-S23 S2 S2 S4 S4 S4 S4 -Recommended excavator lb 13,230 - 19,840 19,840 - 44,100 44,100 - 77,160 77,160 - 110,230 Recommended backhoe loader 17,640 - 33,100 <u>ک</u> lb 17,640 - 19,840\* -17,640 - 33,100 33,100 - 55,120 Recommended loader\*\* lb 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 PSI < 290 < 290 < 290 < 290 < 290 < 73 Back pressure Oil flow rate\*\*\* gal/min 21 - 26 32 - 37 11 - 16 16 - 21 32 - 37 42 - 48 47 63 31 47 63 78 Basket diameter in Basket depth in 35 48 22 35 48 59 Size A 66 86 37 55 72 91 in Size B 76 93 48 67 89 112 in 54 57 74 Size C in 70 40 93

\*\* Verify machine's Rated Operating Capacity.









DUST SUPPRESSION KIT





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



#### MAINTENANCE

Simple, fast, and

#### PRODUCTION

Thanks to its cone-shaped basket and ideal depth and













\* Can be equipped on the loader portion of suitable.

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

## MB PADDING BUCKETS



**BACKHOES, LOADERS** AND SKID STEERS

FOR EXCAVATORS,

2,870 - 99,210 lb

#### MODERATE **NOISE EMISSIONS**

vibration.



EASY MAINTENANCE

Simple, fast, and centralized maintenance.

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.



### **APPLICATION AREAS**



### **OPTIONAL ACCESSORIES**

\*available only for MB-HDS207 model



GOLD24



LOAD CAPACITY Increase Kit*	

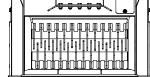


SHAFT

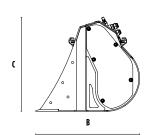




DIMENSIONS







MODELS		-	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	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
Backhoe loader/Loader** recommended	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

Size C \* Can be equipped on the loader portion of suitable.

\*\* Verify machine's Rated Operating Capacity.

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

 $\odot$ 



The frame is designed to minimize noise and



#### SHAFTS **REPLACEMENT SYSTEM**

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



transmission.



FOR EXCAVATORS **AND SKID STEER** LOADERS

7,720 - 77,160 lb





The drum heads can be replaced directly on the job

that require you to grind compact materials efficiently and accurately. They are the only drum cutters on the market that feature the Direct Drive Twin Motor System, which distributes the force of two drums according to the



Suitable for **underwater** 

DURABLE



#### **OPTIONAL ACCESSORIES**



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



ottan total



DRUM **COVER KIT\*\*** 

Ň,

DEMOLITIONS

ENCLOSED SPACES

UNDERWATER WORK

A

ROAD WORK

Ô

PIPELINES

PROFILING



\*CUTTER BODY **ROTARION KIT\*\*** 

**APPLICATION AREAS** 

X

EXCAVATION

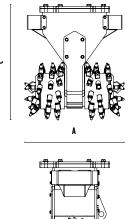


URBAN MAINTAINING LANDSCAPE Construction sites and agricultural areas





### DIMENSIONS



B



Back pressure
)il flow rate**
Drum diameter
iize A
ize B
Size C

 $\mathcal{A}$ 

\* Verify machine's Rated Operating Capacity.

\*\*only available for MB-R500 model



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



#### RELIABLE

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



#### STRONGER

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



MODELS		3	5	3	3
	UNITS	MB-R500	MB-R700	MB-R800	MB-R900
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	32	37	44	54

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

## MB SORTING GRAPPLES

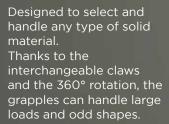


FOR

EXCAVATORS

2,860 - 66,140 lb







ACCESSORIES

### **APPLICATION AREAS**

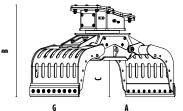




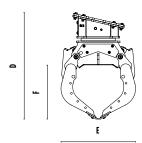


### Ň, DEMOLITIONS

URBAN Construction sites



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
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



Equipped with a **load-holding valve** that prevents the claws from opening in case of pressure loss.

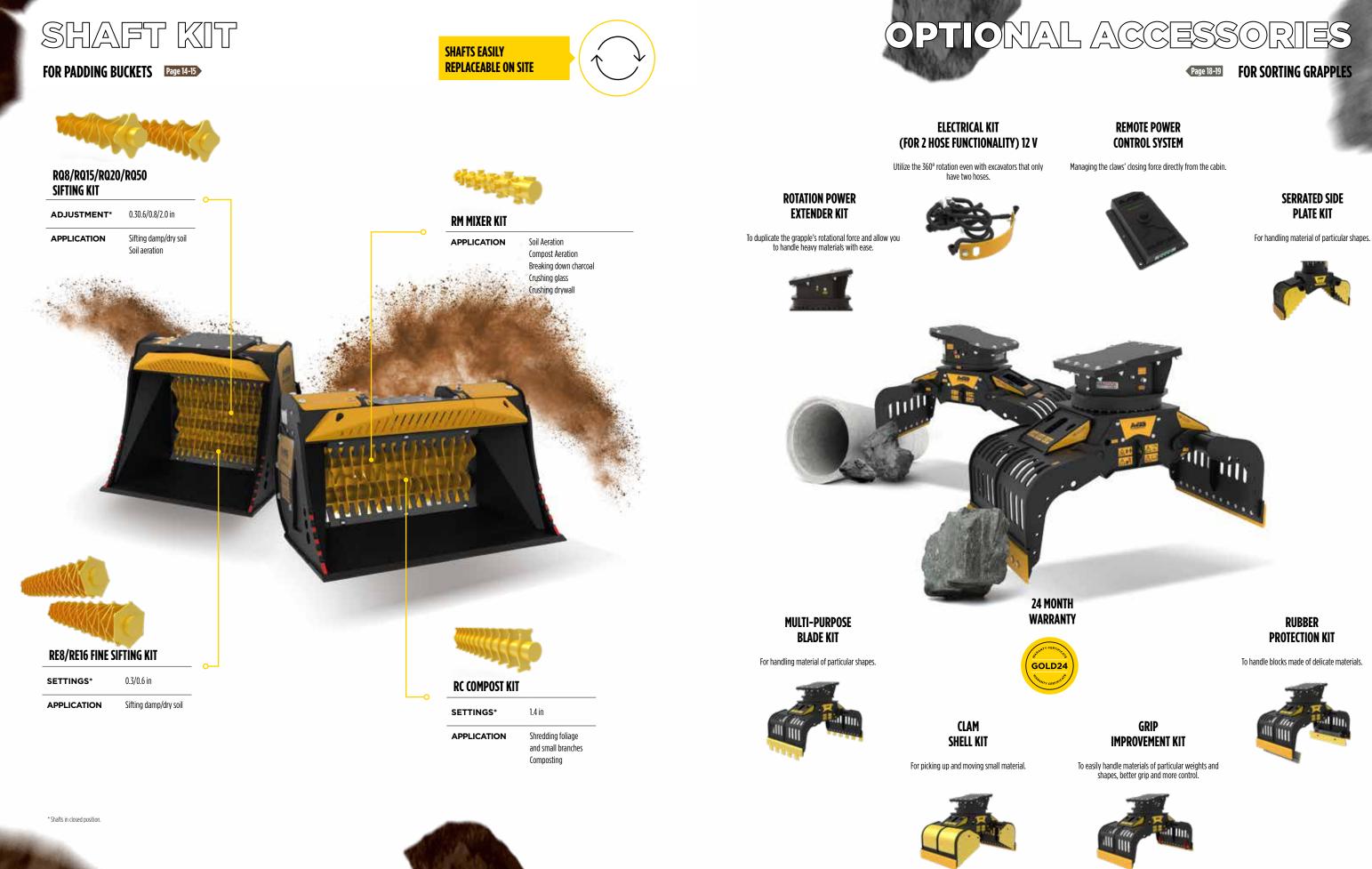
LOW NOISE **EMISSIONS** 

thanks to the silent blocks.



Equipped with accessories that allow the grapples to be utilized for various







## SMART REMOTE CONTROL





## 0

#### **MB FRANCE SARL** 320 Rue Saint Honoré - 75001 Paris (Siège social)

- 71 Rue Jean Zay 69800 Saint Priest (Bureaux commerciaux) 0
- 0800907761
- 👄 +33 04 26074292
- ⊠ info@mbfrance.fr

#### **MB DEUTSCHLAND GMBH**

- Linprunstraße 49, D-80335 München (Hauptsitz)
- Im Greut 10, 72406 Bisingen (Zentrallager)
- **6** 08007237174
- 🖶 +49 (0) 74789290529 ⊠ info@mbcrusher.de

#### MB RUS 000 «M5 PYC»

- 🔋 127030, Г. МОСКВА, УЛ СУЩЁВСКАЯ, Д. 21, ЭТАЖ 5, ПОМЕЩ./ОФИС І/502 (головной офис)
- 🛛 620049, Екатеринбург, пер. Автоматики, д.3 (обособленное подразделение)
- s 8-800-100-94-37
- 🖂 info@mbcrusher.ru

#### **MB AMERICA, INC.**

- ♥ 8730 Technology Way, Reno, NV, 89521 (Headquarters) ♥ 1203 E. Mountain St., Kernersville, NC, 27284 (Branch Office)
- & 855 MB CRUSH (855 622 7874)
- % 775 853 1058 (Headquarters)
- % 336 663 6373 (Branch Office)
- 💩 775 455 4196
- 🖂 info@mbamerica.com

## MB CRUSHER WORLDWIDE



#### MB S.p.A. (Production)

Via Astico, 30 - 36030 Fara Vicentino (VI) Italia +39 0445 308148
 ⊠ info@mbcrusher.com

#### MB S.p.A. (Logistic center)

- 🛛 Via Astico, 34 36030 Fara Vicentino (VI) Italia
- +39 0445 308148
- 🖶 +39 0445 850335
- 🖂 shipping@mbcrusher.com



#### MB CRUSHER INDIA PVT. LTD.

- Office No. 323, 3rd Floor, Lodha Supremus Tower 2, Wagle Estate, Road No. 22, Thane - West, Thane - 400604. Maharashtra
- +91 22 4970 6759
   🖂 info@mbcrusher.in



#### MB SHANGHAI 磨宝商贸(上海)有限公司

- ♥ 中国(上海)自由贸易试验区德堡路38号2幢三层311-21室
- +86 21 543 76037
- 🖂 info@mbcrusher.cn



### **MB CRUSHER DO BRASIL**

- ♥ Av. Das Nações Unidas, 14401 Torre C2 Tarumã CJ 2716 04794-000 São Paulo SP
- +55 11 9981 31065
- ⊠ info@mbcrusher.com.br



#### MB JAPAN 株式会社

- ♥ 〒352-0023 埼玉県新座市堀ノ内1-5-35 (新座本社)
   ♥ 〒650-0024 兵庫県神戸市中央区海岸通5
- 商船三井ビル617(神戸オフィス)
- % 048-423-2298 (新座本社)
- & 078-381-5960(神戸オフィス)
- 🖶 048-611-7865
- 🖂 info@mbcrusher.jp





COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV IE0 0501







**MBCRUSHER.COM** 

