

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

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



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



DON'T SEE YOUR MATERIAL?

-no landfill disposals -reduce pollution emissions from vehicles transporting material.



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



AND SKID STEERS

BACKHOES, LOADERS \geq 4,5 ton

FIND OUT MORE

2



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

FOREST

TUNNELS

ENCLOSED

FOUNDRIES













MB CRUSHER BUCKETS



FOR EXCAVATORS AND BACKHOE \geq 6,5 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

ADJUSTMENT

DUTPUT

S

145 mm

150 mm

200 mm

DIMENSIONS

A

B



MODELS BF70.2 S4 BF80.3 S4 BF90.3 S4 BF120.4 S4 BF135.8 UNITS MB-C50 S4 BF60.1 S4 \geq 6,5 \leq 10 \geq 10 \leq 18 \geq 16 \leq 25 Recommended excavator ton \mathcal{A} \geq \geq 8 \leq 9* Recommended backhoe loader ton 2,30 0,75 1,65 Weiaht ton 0,55 Load capacity 0,15 0,65 m³ > 200 > 220 > 220 Pressure bar < 10 < 10 Back pressure bar < 10 Oil flow rate** I/min. > 90 < 130 > 120 < 180 > 150 < 200 Mouth width 540 610 740 850 mm 500 Mouth height 250 510 mm Size A 1000 1000 1150 mm Size B 1240 1745 2000 mm Size C 770 1100 1200 mm PRODUCTIVITY 15 mm m³/h 4 20 mm m³/h 4,8 7.7 30 mm m³/h 63 17 40 mm m³/h 7,8 10,4 11,7 50 mm 9,3 m³/h 60 mm m³/h 10 13 70 mm m³/h 14,4 20 80 mm m³/h 15,8 22 23 90 mm m³/h 17,1 24 100 mm m³/h 18.5 26 27 110 mm m³/h 19,8 28 29 120 mm m³/h 71 30 31 130 mm m³/h 23 135 mm m³/h 34 140 mm m³/h

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

m³/h

m³/h

m³/h













BF150.10

≥18,5≤29	≥21≤32	≥ 30 ≤ 45	\geq 43 \leq 80	≥70≤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
TY				
	12	15		
10				
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	44,4	79,1	82,5
33 34	41			
24		48,6	81,3	84,1
-	42	50	83,5	87,6
-	-	53	85,7	91,1
-	-	-	88	95
-	-	-	-	120

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** \geq 4,5 \leq 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





HOUR METER



DUST SUPPRESSION KIT



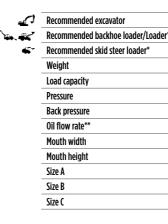
DIMENSIONS

11 1111 ANN 11

A

B

MODELS



	15 mm
	20 mm
8	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	≥7,5≤12	≥7,5≤13	\geq 11 \leq 16	\geq 12 \leq 17
r*	ton	≥5≤9	\geq 5 \leq 10	≥7≤11	≥7≤12
	ton	\geq 4,5 \leq 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	listed in the table by the

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



APPLICATION AREAS

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MAINTAINING LANDSCAPE And Agricultural Areas

ECYCLING AGGREGATE

FOREST MAINTENANCE



ACCESSORIES

24 MONTH WARRANTY



crusher.com





BASKET PROTECTION KIT

MINES

A

ROAD WORKS

X

EXCAVATIONS



URBAN CONSTRUCTION SITES

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PIPELINES

UNDERWATER WORKS

TUNNELS

ENCLOSED SPACES



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QUARRIES

FOUNDRIES



DIMENSIONS

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A

В

MODELS

1	Recommended excavator
~	Recommended backhoe loader
y	Recommended loader**
	Weight
	Load capacity
	Pressure
	Back pressure
	Oil flow rate***
	Basket diameter
	Basket depth
	Size A
	Size B
	Size C
	*Rear.

** Please verify machine's Rated Operating Capacity.







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	-	-	$\geq 6 \leq 9$	\geq 9 \leq 20	\geq 20 \leq 35	\geq 35 \leq 50
	ton	\geq 8 \leq 15	-	\geq 8 \leq 9*	-	-	-
	ton	\geq 8 \leq 15	\geq 15 \leq 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

MB SHAFTS S CREENERS



FOR EXCAVATORS, **BACKHOES. LOADERS** \geq 1,3 \leq 45 ton **AND SKID STEERS**

MODERATE **NOISE EMISSIONS**

designed to minimize noise and vibration.

The frame is



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.



OUARRIES

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EXCAVATIONS

TUNNELS

APPLICATION AREAS

MINES

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PIPELINES

URBAN Construction sites

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

10

FOUNDRIES

E

MAINTAINING LANDSCAPE AND AGRICULTURAL AREAS



ACCESSORIES



mbcrusher.com

LOAD CAPACITY **INCREASE KIT**^{*}

*available only for MB-HDS207 model







SHAFT HOLDER

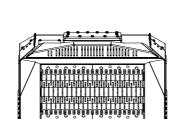
A

ROAD WORKS

RECYCLING AGGREGATES

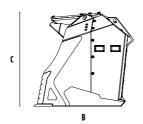
ENCLOSED SPACES





A

DIMENSIONS



Recommended excavator

Recommended backhoe

Recommended backhoe

loader

Weight

loader/loader

skid steer loader

Load capacity

MB-MBwith capacity increase kit HDS212 HDS214 \geq 5 \leq 10 \geq 9 \leq 13

-

 \geq 8 \leq 13

 \geq 4 < 10

0,82

0.40

> 200

75

1380

1125

950

 $\geq 8 \leq 9^*$

-

-

0,48

0,15

> 200

1220

815

710

 $\geq\!75\!\leq\!100$

BUFFER SYSTEM

 $[\checkmark]$

MB-HDS207

 \geq 1,7 \leq 3

-

-

-

0,113

0,06

without capacity

increase kit

 \geq 1,3 \leq 2,8

-

-

-

0,098

0,05

Pressure	bar	> 200	> 200
Oil flow rate***	I/min.	25	25
Size A	mm	740	750
Size B	mm	545	595
Size C	mm	495	495
*Rear.			

* Rear

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

UNITS

tor

tor

ton

ton

ton

m³

FIND OUT MORE





SHAFTS REPLACEMENT SYSTEM

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

AUTOMATIC HYDRAULIC

to protect the engine and transmission.





MB-

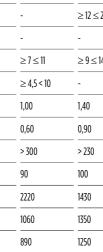




MB-



MBн



1B-	
6220	

MB-

HDS220	HDS314	HDS320	HDS323	HDS523
	\geq 12 \leq 20	\geq 18 \leq 24	≥ 22 ≤ 35	\geq 30 \leq 45
	-	-	-	-
7≤11	\geq 9 \leq 14	≥11≤14	\geq 12 \leq 16	-
4,5 < 10	-	-	-	-
00	1,40	2,10	2,40	3,35
60	0,90	1,35	1,65	2,00
300	> 230	> 250	> 250	> 250
)	100	120	120	230
20	1430	2050	2330	2330
60	1350	1350	1500	1500
90	1250	1250	1250	1620

MB DRUM



FOR EXCAVATORS AND SKID STEER \geq 3,5 \leq 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

LESS

VIBRATION

Equipped with **wear-**resistant plates to



OPTIONAL ACCESSORIES



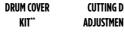
GOLD2

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



ROCK AND ASPHALT DUST SUPPRESSION PICK KITS KIT





A

ROAD WORKS

UNDERWATER WORKS

ENCLOSED SPACES

*CUTTER BODY POWER TRANSMISSION **ROTARION KIT**** eeds rotation system KIT**

Ö

DEMOLITIONS E

MAINTAINING LANDSCAPE AND AGRICULTURAL AREAS

PROFILING





DIMENSIONS

A

B



	MODELS		3	8	7	7
		UNITS	MB-R500	MB-R700	MB-R800	MB-R900
1	Recommended excavator	ton	≥3,5≤11	≥6≤13	\geq 10 \leq 22	≥ 19 ≤ 35
\$ *	Recommended skid steer loader*	ton	≥3,5≤6	\geq 6 \leq 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. (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	< 4	< 4	< 4
	Oil flow rate**	I/min.	60 - 120	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	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.

CUTTING DEPTH			
ADJUSTMENT KIT**			

APPLICATION AREAS

OUARRIES

X

EXCAVATIONS

TUNNELS

MINES

Ú

PIPELINES

URBAN CONSTRUCTION SITES







**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 GRAPPLES MB





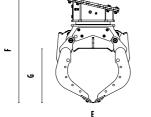
AREAS OF APPLICATION

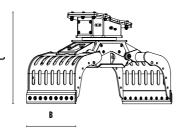




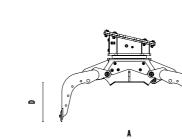








DIMENSIONS



MODELS



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

	Recommended excavator	ton	≥1,3≤2,6	≥3≤6	\geq 6 \leq 12
	Weight	ton	0,085	0,288	0,60
	Capacity (claws closed)	m³	0,03	0,10	0,29
	Rotation	Degrees	360°	360°	360°
	Oil pressure (rotation)	bar	> 150	> 150	> 160
	Oil flow rate (rotation)	I/min.	5	10	15 - 30
	Oil pressure (opening/closing)	bar	0 - 200	0 - 250	200 - 300
	Oil flow rate (opening/closing)	I/min.	15	40	25
	Size A	mm	795	1300	1860
	Size B	mm	350	475	650
	Size C	mm	570	865	1175
	Size D	mm	233	425	540
	Size E	mm	490	770	1000
	Size F	mm	915	960	1380
	Size G	mm	283	520	740

er.com





LOW NOISE **EMISSIONS**

thanks to the silent blocks.





 \geq 18 \leq 25

1,62

0,44

360°

> 220

40 - 70 300 - 400

70

1810

1015

1385

525

1170 1500

640

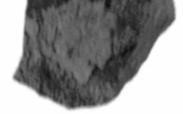


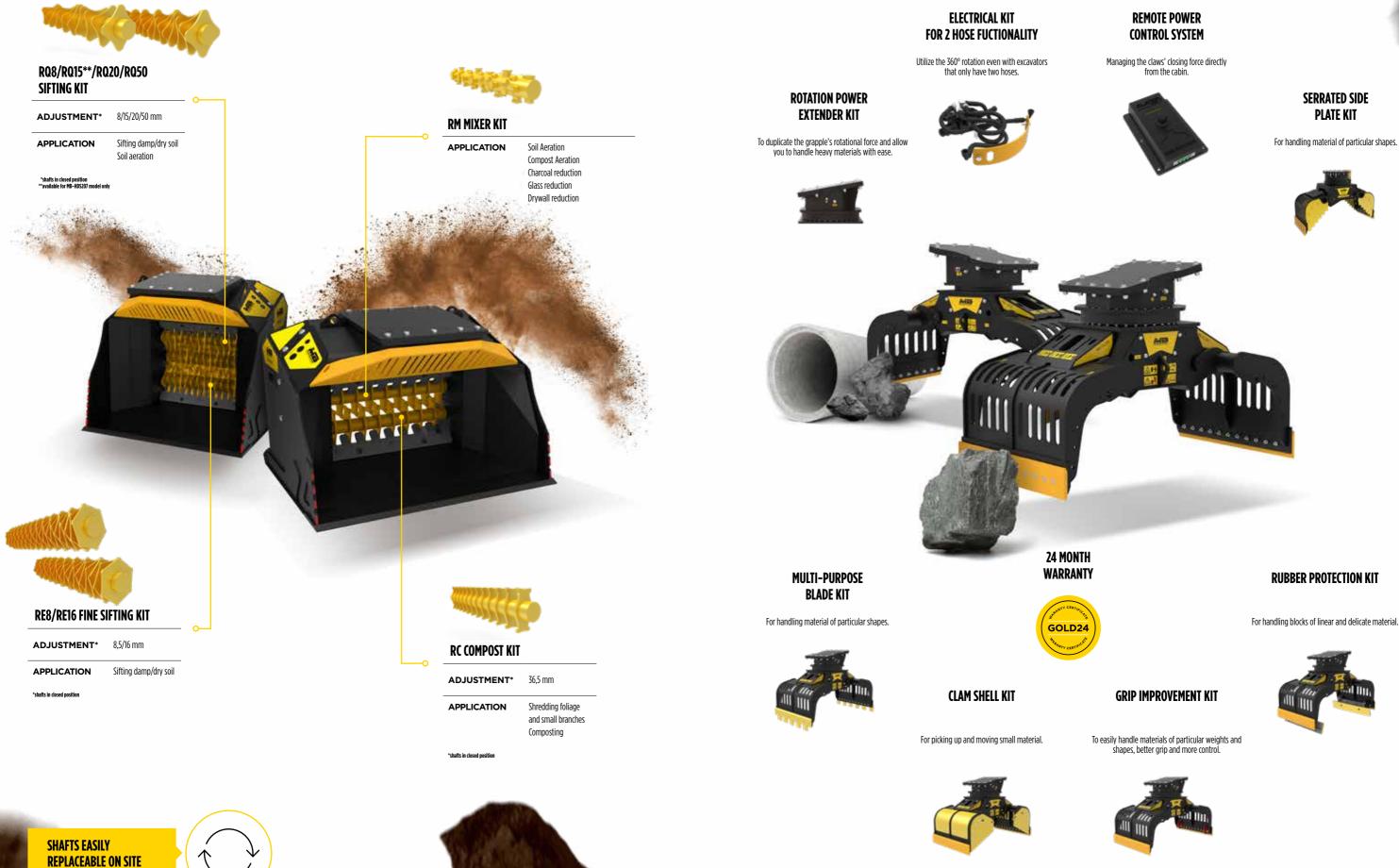


MB-G1200 S4	MB-G1500 S
≥ 18 ≤ 30	\geq 20 \leq 30
1,65	2,05
0,71	1,43
360°	360°
> 220	> 220
20 - 35	20 - 35
300 - 400	300 - 400
70	70
2115	2475
1235	1535
1450	1700
590	810
1185	1365
1640	2000
810	1110



FOR SHAFT SCREENERS Page 14-15







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 time.





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SAFER AND MORE COMPETITIVE

Ĥ EASIER TO USE

ONLY AVAILABLE ON SELECT MODELS

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







MBCRUSHER.COM

