

MTB[®]

THE CRUSHING EVOLUTION



REDUCE > REUSE > RECYCLE

MB: WELL ESTABLISHED, VERSATILE AND DETERMINED

MB CRUSHER DEVELOPS AND CREATES EQUIPMENT FOR THE CRUSHING, DEMOLITION, AND RECYCLING INDUSTRIES.

It has been doing this for over 18 years. Thanks to its characteristic determination and versatility, the company invented the first crusher for excavators with jaw action.

The company's dedication to technological research has contributed to the development of products

that can be used with any type of machine.

Transforming any brand construction equipment into authentic mobile crushers, improving their use on site and their general performance.

As a result, MB Crusher has grown so much over the years that now it is recognised worldwide as an industry leader. With its extensive range of products, it is able to provide the technological solutions companies are looking for.



100% MADE IN ITALY

MB Crusher is an Italian-based company but also present all over the world. All production phases are carried out in the company's corporate office, in Fara Vicentino, Italy.

17.000 square meters of surface house a research and development facility, a production site and sales and administration offices. Here every unit is designed, assembled and offered on an international platform by more than 130 staff members.

Brazil, China, France, Germany, Japan, India, United States.

7 Branch offices support the headquarters with Promoting our products and assisting our customers in all 5 continents. With a dealer network of more than 230 locations we are able to distribute MB Crusher products in more than 150 countries.



GUARANTEED PRODUCTS AND CERTIFIED QUALITY

THE PROMISE OF A RELIABLE PRODUCT, IN COMPLIANCE WITH INTERNATIONAL LAWS, IS AN ESSENTIAL REQUIREMENT FOR OUR CUSTOMERS AND FOR US AT MB.

As proof, every step of every single unit from its production to its completion, is continuously certified to comply with legal standards, and to keep up with a constantly evolving industry and customer base.



CERTIFICATIONS OF THE PRODUCT

UNI EN ISO 9001

Quality management systems

CE

Certificate of conformity

TUV

Certificate of safety requirements

PCT

International patent protection



PROCESS CERTIFICATIONS

UNI EN ISO 14001:2004 (UNDERWAY)

Environmental management system requirements

RINA CERTIFICATION SYSTEM

Organisation with processes and qualified welding staff

MB CRUSHER SOLUTIONS FOR EVERY MACHINE

CRUSHERS, SCREENERS, GRAPPLES, SHAFT SCREENERS, DRUM CUTTERS

MB Crusher provides professionals in the field, with a wide range of machines that can make demolition and construction sites of any size independent and competitive, both in terms of operations and of workload.

All MB equipment is designed to solve any type of situation, even the most challenging:

we provide solutions for every type of job site, location, or machine. From excavators weighing more than 70 tons down to 3.5 tons, from loaders to backhoe loaders, to mini loaders to telescopic

forklifts, there is always a suitable MB attachment. Installation is quick and easy, whether it is a larger or a smaller unit in the MB range.



BEFORE AND AFTER: THE EFFECT OF MB EQUIPMENT ON INERT MATERIALS

The MB Crusher machines transform inert materials directly on site and allow you to manage the recovery and recycling of the materials independently.

BUILDING MATERIALS

Asphalt - Concrete - Brick
Reinforced concrete - Travertine



STONE

River rock - Chalk - Marble Granite
Lava stone - Cobble stones - Rock
Silicon stone - Aggregates
Travertine - Basalt



ORGANIC MATERIALS

Organic waste - Clay - Charcoal
Wood - Ceramic - Landfill - Sand
Salt



METALS

Aluminium - Iron - Copper
Foundry material



OTHER

Limestone - Plastics - Glass
Demolition material - Vine posts
Lamp posts



ONE SYSTEM, MANY APPLICATION AREAS



DEMOLITION



ROAD WORK



URBAN
CONSTRUCTION SITES



RECYCLING
AND COMPOSTING



EXCAVATIONS



MAINTENANCE OF PARKLAND,
FARMLAND AND WOODLAND



UTILITY WORK



QUARRIES



MINES



TUNNELS



WORKING
INSIDE FACILITIES



INDUSTRIAL
AREAS



FOUNDRIES



FINE SIFTING



MOVING AND SEPARATING
MATERIALS

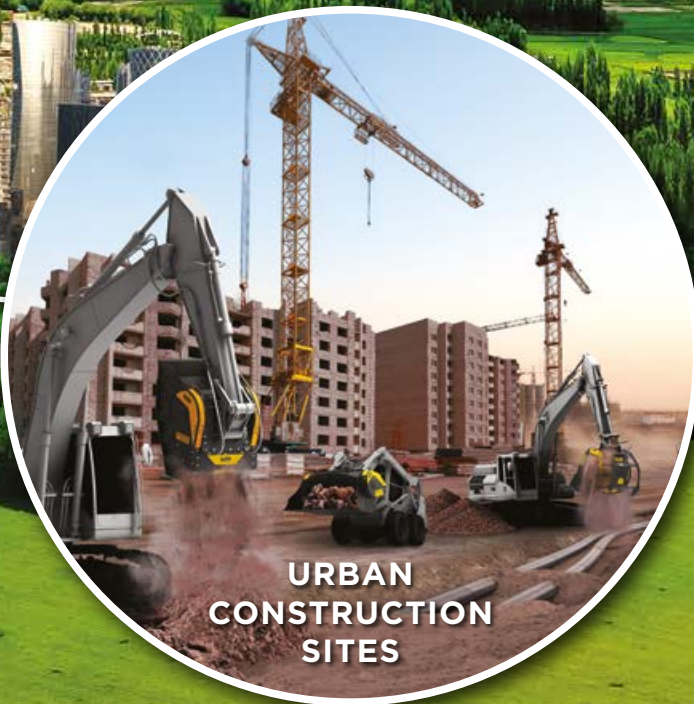




**ROAD
WORK**



DEMOLITION



**URBAN
CONSTRUCTION
SITES**



MB CRUSHER FOR EXCAVATORS

THE WORLD'S WIDEST RANGE OF CRUSHER ATTACHMENTS
WITH **MORE THAN 90% MARKET SHARE**

- +** EFFICIENT HYDRAULICS
- +** PRODUCTIVE
- +** STABLE
- +** EQUIPPED
- +** HARDOX®



MODELS

* rear



MODEL	MB-C50 S2	BF60.1 S4	BF70.2 S4	BF80.3 S4	BF90.3 S4	BF120.4 S4	BF 135.8	BF 150.10
RECOMMENDED EXCAVATOR	≥ 5 Ton	≥ 8 Ton	≥ 14 Ton	≥ 18,5 Ton	≥ 21 Ton	≥ 30 Ton	≥ 43 Ton	≥ 70 Ton
RECOMMENDED BACKHOE LOADER	* ≥ 5 Ton	-	-	-	-	-	-	-
WEIGHT	0,75 Ton	1,60 Ton	2,30 Ton	3 Ton	3,50 Ton	4,80 Ton	7,50 Ton	10,50 Ton
LOAD CAPACITY	0,15 m ³	0,55 m ³	0,66 m ³	0,70 m ³	0,90 m ³	1,30 m ³	1,60 m ³	2,30 m ³
PRESSURE	> 200 bar	> 220 bar	> 220 bar	> 220 bar	> 220 bar	> 220 bar	> 230 bar	> 230 bar
OIL FLOW	90 l/min.	98 l/min.	140 l/min.	160 l/min.	180 l/min.	210 l/min.	320 l/min.	380 l/min.
MOUTH OPENING WIDTH	540 mm	610 mm	740 mm	850 mm	910 mm	1205 mm	1300 mm	1450 mm
MOUTH OPENING HEIGHT	250 mm	500 mm	510 mm	510 mm	540 mm	540 mm	600 mm	700 mm
PRODUCTION RATE	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h	m ³ /h
15 mm	4	7	9	10	12	15	-	-
20 mm	4,8	7,7	10	11	13,2	16,4	-	-
30 mm	6,3	9	12	13	15,5	19,2	-	-
40 mm	7,8	10,4	14	15	17,8	22	38,7	-
50 mm	9,3	11,7	16	17	20	24,8	43,2	-
60 mm	10	13	18	19	22,5	27,6	47,6	-
70 mm	-	14,4	20	21	24,8	30,4	52,2	-
80 mm	-	15,8	22	23	27,2	33	56,6	-
90 mm	-	17,1	24	25	29,5	36	61,1	-
100 mm	-	18,5	26	27	31,8	38,8	65,6	-
110 mm	-	19,8	28	29	34,2	41,6	70,1	73,1
120 mm	-	21	30	31	36,5	44,4	74,5	76,6
130 mm	-	23	31	33	38,8	47,2	79,1	82,5
135 mm	-	-	-	34	41	48,6	81,3	84,1
140 mm	-	-	-	-	42	50	83,5	87,6
145 mm	-	-	-	-	-	53	85,7	91,1
150 mm	-	-	-	-	-	-	88	95
200 mm	-	-	-	-	-	-	-	120

CRUSHING OUTPUT ADJUSTMENT

To obtain the values in tonnes per hour, multiply the figures listed in the table by the specific weight of the materials. These values are indicative only and are calculated with materials of medium load capacity.



WATCH THE VIDEO

MB UNIQUE ADVANTAGES



CERTIFIED AND GUARANTEED OUTPUT SIZE OF THE MATERIAL



Designed to pick up and process material **WITH EASE WHILE GUARANTEEING QUALITY AND INCREASED PRODUCTION RATES**



MB jaw crusher buckets are designed with an **A44+ HYDRAULIC COOLING SYSTEM THAT EXTENDS THE LIFE OF THE EXCAVATOR**



WIDEST CRUSHER MOUTH OPENING, per weight of the equipment, available on the market



QUICK AND EASY MAINTENANCE without the need to replace oil



Equipped with control devices **TO REDUCE VIBRATION** on the equipment arm

AREAS OF APPLICATIONS



DEMOLITION



ROAD WORK



UTILITY WORK



URBAN CONSTRUCTION SITES



QUARRIES



MINES



WORKING INSIDE FACILITIES



INDUSTRIAL AREAS



ENVIRONMENTAL REMEDIATIONS

ACCESSORIES

WARRANTY EXTENSION GOLD 24



SPARE PARTS KIT



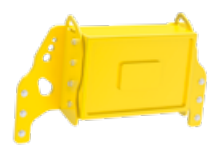
FIXED COUPLING



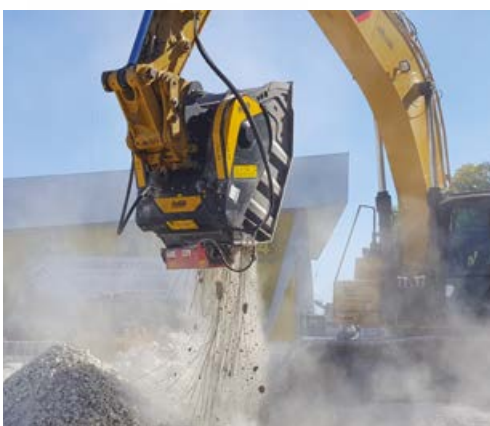
HOURLY METER



IRON SEPARATOR



DUST SUPPRESSION KIT




MB CRUSHER FOR LOADERS, MINI LOADERS, BACKHOE LOADERS

- +** EFFICIENT HYDRAULICS
- +** PRODUCTIVE
- +** STABLE
- +** EQUIPPED
- +** HARDOX®



MODELS



MODEL	MB-L120 S2	MB-L140 S2	MB-L160 S2	MB-L200 S2
 RECOMMENDED BACKHOE LOADER LOADER/TELEHANDLER	≥ 2,8 ≤ 7 Ton	≥ 3 ≤ 8 Ton	≥ 4,5 ≤ 10 Ton	≥ 6 ≤ 10 Ton
WEIGHT	0,95 Ton	0,98 Ton	1,45 Ton	1,50 Ton
LOAD CAPACITY	0,20 m ³	0,25 m ³	0,35 m ³	0,45 m ³
PRESSURE	> 200 bar	> 200 bar	> 200 bar	> 200 bar
COUNTER PRESSURE	< 5 bar	< 5 bar	< 5 bar	< 5 bar
OIL FLOW	95 l/min.	98 l/min.	110 l/min.	120 l/min.
MOUTH OPENING WIDTH	730 mm	740 mm	1100 mm	1150 mm
MOUTH OPENING HEIGHT	250 mm	250 mm	250 mm	260 mm
PRODUCTION RATE	m ³ /h	m ³ /h	m ³ /h	m ³ /h
CRUSHING OUTPUT ADJUSTMENT	15 mm	6	8	10
	20 mm	7	9	11,3
	30 mm	9	11	14
	40 mm	11	13	15,1
	50 mm	13	15	17,6
	60 mm	14	16	20

To obtain the values in tonnes per hour, multiply the figures listed in the table by the specific weight of the materials. These values are indicative only and are calculated with materials of medium load capacity.



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MB UNIQUE ADVANTAGES



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AREAS OF APPLICATIONS



DEMOLITION



ROAD WORK



RECYCLING



URBAN CONSTRUCTION SITES



WORKING INSIDE FACILITIES



INDUSTRIAL AREAS



ENVIRONMENTAL REMEDIATIONS

ACCESSORIES

WARRANTY EXTENSION GOLD 24



SPARE PARTS KIT



FIXED COUPLING



HOURLY METER



DUST SUPPRESSION KIT



MB SCREENING BUCKETS

- + SIMPLIFIED
- + RELIABLE AND HIGH-PERFORMING
- + EASY TO TRANSPORT
- + HIGH OUTPUT
- + MAXIMUM VERSATILITY
- + EQUIPPED
- + HARDOX®



MODELS

* rear



MODEL	MB-LS170	MB-LS220 S2	MB-S10 S4	MB-S14 S4	MB-S18 S4	MB-S23
RECOMMENDED EXCAVATOR	-	-	≥ 3,5 Ton	≥ 9 < 20 Ton	≥ 20 < 35 Ton	≥ 35 Ton
RECOMMENDED LOADER	≥ 6,5 < 11 Ton	≥ 12 < 25 Ton	-	-	-	-
RECOMMENDED BACKHOE	≥ 6,5 < 11 Ton	≥ 12 < 25 Ton	* ≥ 4 < 9 Ton	-	-	-
WEIGHT	1,35 Ton	2,80 Ton	0,39 Ton	1,10 Ton	2 Ton	3,75 Ton
LOAD CAPACITY	1,10 m ³	2,40 m ³	0,32 m ³	1,10 m ³	2,40 m ³	4,30 m ³
PRESSURE/COUNTER PRESSURE	> 150 bar	> 200 bar	> 130 bar	> 150 bar	> 200 bar	> 320 / < 5 bar
OIL FLOW	60 l/min.	120 l/min.	40 l/min.	60 l/min.	120 l/min.	160 l/min.



WATCH THE VIDEO

MB UNIQUE ADVANTAGES



Designed with a cone-shaped basket with the size and depth to **OPTIMIZE PRODUCTION RATES**



OUR SCREENER BUCKETS HAVE THE WIDEST SCREENING SURFACE available on the market, per weight of the equipment



DESIGNED TO PICK UP AND PROCESS MATERIAL WITH EASE



Equipped with **A LOADING STRAIN CONTROL SYSTEM**



Equipped with **BRACKETS**



QUICK AND EASY interchangeable modular panels available in different sizes

AREAS OF APPLICATIONS



RECYCLING



UTILITY WORK



URBAN CONSTRUCTION SITES



QUARRIES



MINES



ENVIRONMENTAL REMEDIATIONS



INDUSTRIAL AREAS



FINE SIFTING

ACCESSORIES

WARRANTY EXTENSION GOLD 24



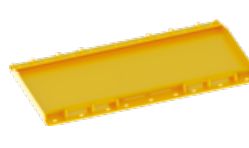
SPARE PARTS KIT



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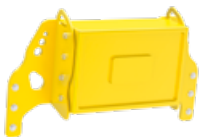
FIXED COUPLING



HOURLY METER



IRON SEPARATOR



BASKET PROTECTION KIT



DUST SUPPRESSION KIT



MB SHAFTS SCREENER





- + EFFICIENT HYDRAULICS
- + EQUIPPED
- + COMPACT AND STABLE
- + INNOVATIVE
- + SILENT
- + HARDOX®

- + REPLACEABLE SHAFTS EASILY ON THE JOB SITE






SHAFT KITS

* shaft in closed position

KIT	SETTINGS	APPLICATION
 RC COMPOST KIT	36,5* mm	Crushing drywall, brushwood and wood trusses Crushing foliage and plant wood Composting
 RM MIXER KIT	-	Crushing drywall, asphalt, light construction debris Composting Breaking down charcoal Soil Aeration
 RE8/RE16 FINE SIFTING KIT	8,5/16 mm	Screening damp soil, dry soil, light construction debris Crushing foliage and plant wood and charcoal Crushing drywall and brushwood Composting Soil Aeration
 RQ20/RQ50 MEDIUM SIFTING KIT	20/50 mm	Screening damp soil, dry soil, light construction debris Composting Soil Aeration

MODELS



MODEL	MB-HDS214	MB-HDS314	MB-HDS320	MB-HDS323
 RECOMMENDED EXCAVATOR	≥ 6 ≤ 12 Ton	≥ 10 ≤ 20 Ton	≥ 16 ≤ 24 Ton	≥ 18 ≤ 35 Ton
 RECOMMENDED BACKHOE LOADER/LOADER	≥ 5 ≤ 8 Ton	≥ 6 ≤ 10 Ton	≥ 9 ≤ 12 Ton	≥ 10 ≤ 15 Ton
 RECOMMENDED SKID LOADER	≥ 3,5 Ton	-	-	-
WEIGHT	0,82 Ton	1,4 Ton	2,1 Ton	2,4 Ton
LOAD CAPACITY	0,5 m ³	0,9 m ³	1,35 m ³	1,65 m ³
PRESSURE	> 200 bar	> 225 bar	> 250 bar	> 250 bar
COUNTER PRESSURE	-	< 5 bar	< 5 bar	< 5 bar
OIL FLOW	75 l/min.	100 l/min.	130 l/min.	130 l/min.



WATCH THE VIDEO

MB UNIQUE ADVANTAGES



OPTIMAL DESIGN AND LARGE LOADING CAPACITY ensure optimum levels of output



QUICK, EASY AND CENTRALIZED MAINTENANCE



PATENTED SYSTEM for interchangeable shaft kits, carried out by the machine operator directly on site and in complete safety



MODERATE NOISE EMISSION



AUTOMATIC HYDRAULIC SYSTEM for engine and transmission protection



Includes **SHAFT HOLDER**

AREAS OF APPLICATIONS



RECYCLING



UTILITY WORK



COMPOSTING



INDUSTRIAL AREAS



ENVIRONMENTAL REMEDIATIONS



FINE SIFTING



CRUSHING ASPHALT

ACCESSORIES

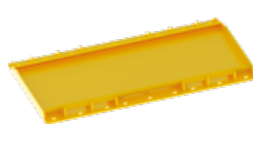
SPARE PARTS KIT



FIXED COUPLING



FIXED COUPLING



SHAFT HOLDER



RC COMPOST KIT



RM MIXER KIT



RE8/RE16 FINE SIFTING KIT



RQ20/RQ50 MEDIUM SIFTING KIT



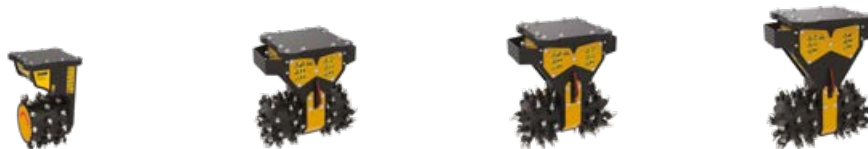
MB DRUM CUTTERS

- +** COMPACT AND STABLE
- +** THE ONLY ONE WITH **DIRECT DRIVE TWIN MOTOR SYSTEM**
- +** PRECISE AND VERSATILE
- +** SAFE AND EFFICIENT
- +** HIGH-PERFORMING HYDRAULICS



- +** **REPLACEABLE DRUMS**
EASILY
ON THE JOB
IN LESS THAN 1 HOUR

MODELS



MODEL	MB-R500	MB-R700	MB-R800	MB-R900
RECOMMENDED EXCAVATOR	≥ 3,5 < 11 Ton	≥ 6 < 13 Ton	≥ 10 < 22 Ton	≥ 19 < 35 Ton
RECOMMENDED SKID LOADER	≥ 3,5 Ton	-	-	-
PICK FORCE	19600 N	19600 N	33900 N	40000 N
SPEED/min. (MIN/MAX)	80/120	80/110	60/80	60/80
OUTPUT TORQUE	5000 Nm	5000 Nm	10000 Nm	13200 Nm
PRESSURE/COUNTER PRESSURE	> 200 / < 4 bar	> 250 / < 4 bar	> 350 / < 4 bar	> 350 / < 4 bar
WEIGHT	0,3 Ton	0,6 Ton	1 Ton	1,4 Ton
OIL FLOW	60 - 120 l/min.	110-180 l/min.	200-300 l/min.	250-350 l/min.
DIAMETER DRUM	500 mm	500 mm	600 mm	680 mm



WATCH THE VIDEO

MB UNIQUE ADVANTAGES



Drum and pick kits **AVAILABLE FOR ALL KINDS OF MATERIALS**



Equipped with **NO TORSION SYSTEM** which reduces transversal stress on the arm of the excavator



Equipped with **WEAR-RESISTANT PLATES** for the protection of the central body



Excavator **HIGH OIL TEMPERATURE REDUCING DEVICE** available



Equipped with **POWER BOOST**. Multiplying the power on the rotary cutter when it requires more power



Suitable for **UNDERWATER WORK**

AREAS OF APPLICATIONS



TRENCH EXCAVATION, ROCK, ASPHALT AND CEMENT



UTILITY WORK



DEMOLITION



URBAN CONSTRUCTION SITES



ROAD MAINTENANCE AND SURFACE PROFILING



TUNNEL AND ROCK MILLING



QUARRIES



MINES

ACCESSORIES

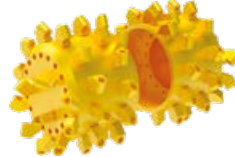
WARRANTY EXTENSION GOLD 24



FIXED COUPLING



DRUM KIT



ROCK AND ASPHALT PICK KITS



DUST SUPPRESSION KIT



MB-R500 ACCESSORIES

DRUM COVER KIT



CUTTING DEPTH ADJUSTMENT KIT



*CUTTER BODY ROTATION KIT



POWER TRANSMISSION KIT



*SECONDARY ROTATIONAL CIRCUIT REQUIRED




MB DEMOLITION AND SORTING GRAPPLES

- +** STRONG AND AGILE
- +** RESPONSIVE
- +** INNOVATIVE
- +** SIMPLIFIED
- +** SAFE
- +** HARDOX®



MODELS



MODEL	MB-G600 S2	MB-G900 S2	MB-G1200 S2	MB-G1500 S2
 RECOMMENDED EXCAVATOR	≥ 6 ≤ 12 Ton	≥ 12 ≤ 18 Ton	≥ 18 ≤ 30 Ton	≥ 20 ≤ 30 Ton
WEIGHT	0,60 Ton	0,78 Ton	1,60 Ton	2 Ton
LOAD CAPACITY (CLAWS CLOSED)	0,29 m ³ / 290 L	0,43 m ³ / 430 L	0,71 m ³ / 710 L	1,43 m ³ / 1430 L
ROTATION	360°	360°	360°	360°
FLOW DIRECTION	15 ÷ 30 l/min.	15 ÷ 30 l/min.	20 ÷ 35 l/min.	20 ÷ 35 l/min.
PRESSURE OF ROTATION	> 160 bar	> 160 bar	> 220 bar	> 220 bar
PRESSURE (OPEN/CLOSE)	200 ÷ 400 bar	200 ÷ 400 bar	300 ÷ 400 bar	300 ÷ 400 bar
OIL FLOW (OPEN/CLOSE)	25 l/min.	30 l/min.	70 l/min.	70 l/min.



WATCH THE VIDEO

MB UNIQUE ADVANTAGES



QUICK AND EASY MAINTENANCE



Equipped with a **POWER EXTENDER KIT**



BLADES CAN BE EASILY REPLACED ON THE JOB SITE



INCLINED COUPLING SYSTEM



Equipped with a **SOUNDPROOFING SYSTEM**



Equipped with **OPTIONAL ACCESSORIES FOR DIFFERENT NEEDS OF THE JOB**

AREAS OF APPLICATIONS



DEMOLITION



URBAN CONSTRUCTION SITES



PORTS AND FREIGHT YARDS



QUARRIES



RECYCLING CENTER



MOVING AND SEPARATING MATERIALS

ACCESSORIES

WARRANTY EXTENSION GOLD 24



SPARE PARTS KIT



FIXED COUPLING



*ROTATION POWER EXTENDER KIT



MULTI-PURPOSE BLADE KIT



CLAM SHELL KIT



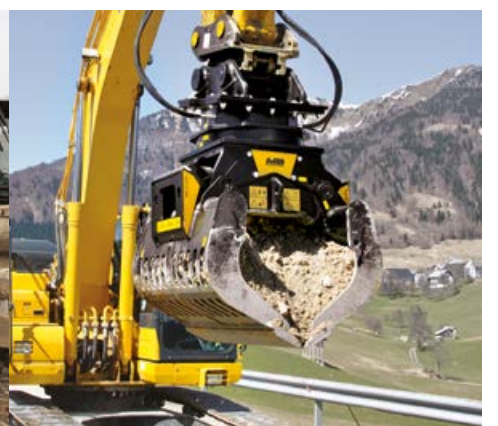
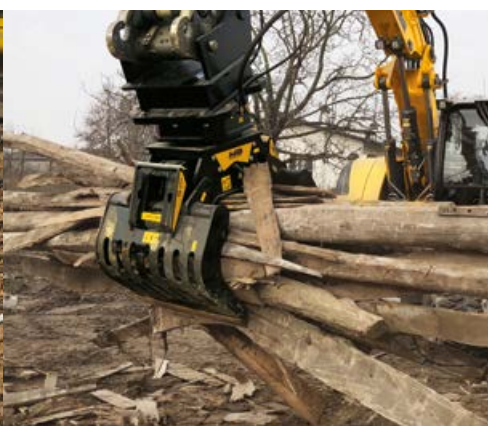
GRIP IMPROVEMENT KIT



TILTING LIFT RUBBER PROTECTION KIT



*ROTATION FLOW RATE 40 - 70 l/min



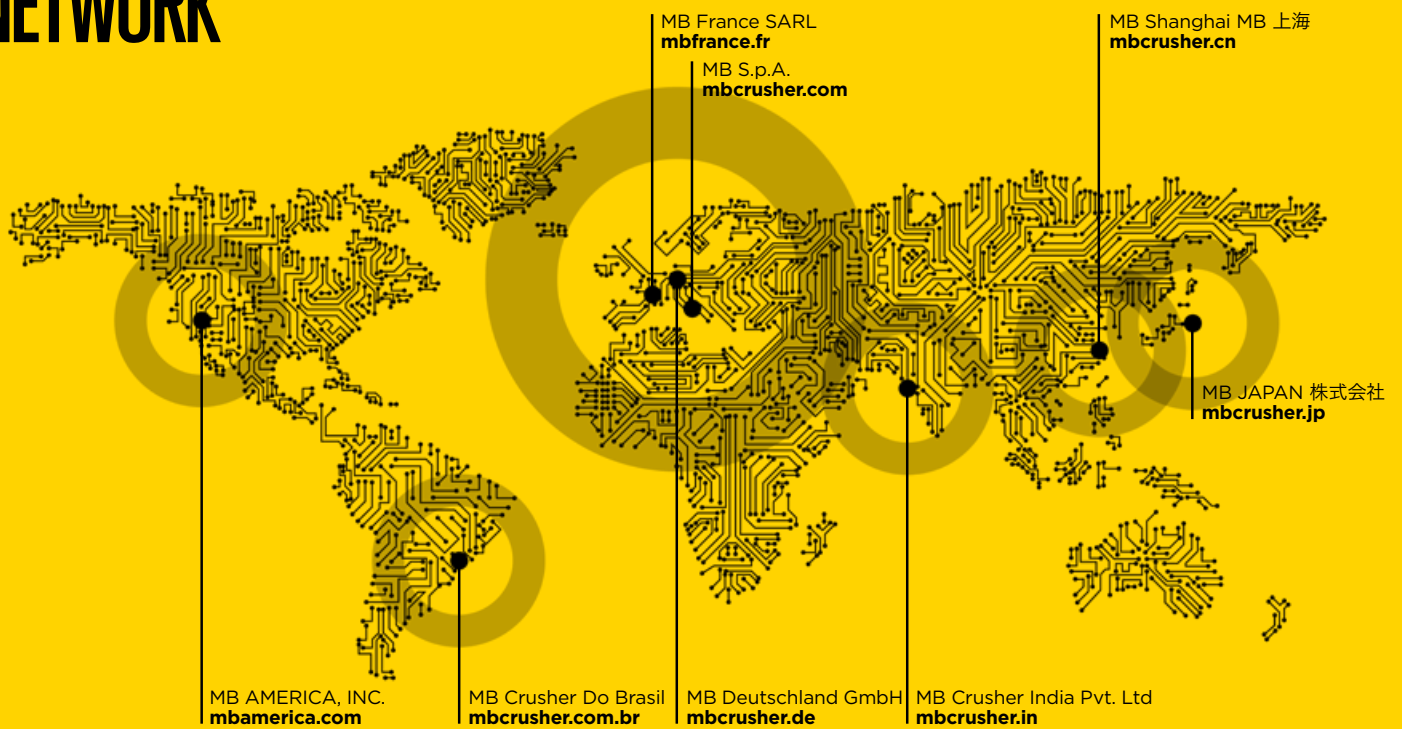
OVER 60 YEARS
OF SPECIALISATION

PROVEN,
GUARANTEED QUALITY

EXCLUSIVE
PRODUCTS AND PATENTS

OPERATING ALL OVER
THE WORLD

NETWORK

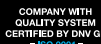


MB HEADQUARTERS

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