WITH
OUR PASSION
ALWAYS
AT YOUR
SERVICE

Catalog 2022

Demolition
Excavation line
Material handling
Recycling

About Hammer

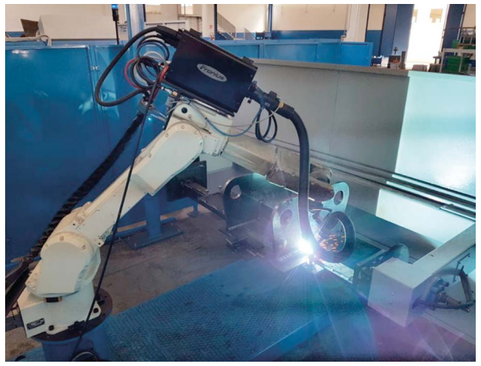
Our History

Skills and passion that give rise to history!

In 1970 Mr. Giovanni Modugno began his career as a worker in a small mechanic turnery workshop in Molfetta and, since that year, so much has been done.

After being a factory worker, factory manager and production manager, in 1989 he started with other partners a company of hydraulic demolition breakers, until 2004. In the same year he decides to found, together with his son Valerio, a family company for the design, production and sale of hydraulic breakers, which takes the name of “Hammer“.

The values of a family company have allowed Hammer to establish itself on the global market through 10 branches spread across the continents and a capillary network of dealers and authorized workshops throughout the world.



100% Made in Italy

Hammer guarantees a 100% Made in Italy product of the highest quality, entirely designed and manufactured in the 8 plants (an area of 30000 m²) located in the Industrial Area of Molfetta (BA).
Hammer begins with the design, production and sale of small and medium-sized hydraulic breakers, in addition to the sale of multi-brand spare parts.

7KHQ LW FRPHV WKH LQWURGXFWLRQ RI WKH UVW H[DPSOHV RI GHPROLWLRQ VKHDUV ZKLFK SDYHG WKH ZD\ LQ WKH HDUO\ ODWH +DPPHU GHFLGHV WR H[SDQG WKH UDQJH RI K\GUDXOLF EUHDNHUV XS to the FX 15000 model which, with a weight of 14500 kg, becomes the largest hydraulic breaker in the world.

After the huge success achieved in this segment, Hammer introduces WKH 6% VHULHV WKDW EHQH WV IURP WKH S U L DDU PR RE RFN FRQVWUXFWLRQ This feature gives the structure a very high resistance to leverage efforts. The breaker is built in one piece and there are no side bolts and diaphragms.

It is the turn, then, of the grapple line, with the GR series with 3 different types of jaws, depending on the needs of the operator.

The demolition segment is then widened with the FP series (static hydraulic crusher for secondary demolition), the FR series (rotary hydraulic crusher for primary and secondary demolition) and the FK series (rotary hydraulic crusher for primary demolition).

Research and development

Our work is based on continuous innovation and research in the 8 factories of Molfetta, where there are:

DQ HTXLSSHG ZRUNVKRS ZLWK KLJK SU RGXFWLYLW\ &1& PDFKLQHV

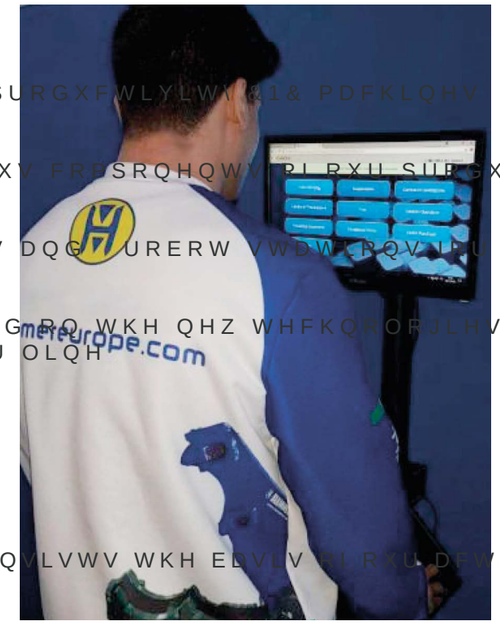
- the grinding and testing department where we make sure of the DEVROXWH FRUUHFWQHVV RI WKH YDULRXV FRPSRQHQWV RI RXU SUR GXFW

- the carpentry department, equipped with 5 latest generation plasma FXWWLQJV URERW ZHOGLQJ VWDWLRQV DQG URERW VWDWLRQV IRU DV

-the assembly department, where the technical staff, composed of TXDOL HG SHRSOH FRQVWDQWO\ XSGDWHG RQ WKH QHZ WHFKQRORJLHV RI VHFWRU DVVHPEOHV WKH ZKROH +DPPHU OLQH

- a large spare parts warehouse that, thanks to the 6 automated modules that develop vertically, allows us to speed up and optimize the assembly of our range and to increase the storage area of 1000 m2.

Moreover, thanks to the Industry investment plan 4.0, we managed to further optimize the production process. The search for new solutions and LQQRYDWLRQV RQ H[LVWLQJ SURGXFWV FRQVLVWV WKH EDVLV RI RXU DFWLYL protagonists in the market and to offer our customers always the best.



Product overview

Hammer offers the right equipment for every needs

SB

HYDRAULIC BREAKERS

Pages 14-15

FX

HYDRAULIC BREAKERS

Pages 16-19

DX

DRUM CUTTERS

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X

EARTH DRILLS

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FP

STATIC PULVERIZERS

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FR

ROTATING PULVERIZERS

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FK

ROTATING PULVERIZERS

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FRK

DEMOLITION ROTATING PULVERIZERS

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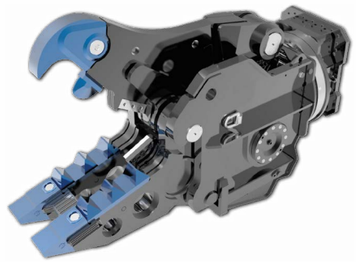

MQP

MULTI-QUICK PROCESSORS

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MCK

CONCRETE CRUSHERS

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KSC

SCRAP SHEARS

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GR

SELECTOR GRABS

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V

SCREENING BUCKET

Pages 48-49

VMS

MULTISCREENING BUCKET

Pages 50-51

6WUHQJWK DQG HI FLHQF

The hydraulic breaker is an equipment of the earth-moving and mining industry, whose components are subjected to high levels of stress, ZRUNLQJ PRVWO\ LQ GLI FXOW VLWXDWLRQV

In order to make hydraulic breakers increasingly reliable and to guarantee performance and power, Hammer has introduced the SB and FX lines, obtained thanks to in-depth R&D studies carried out in over 30 years of activity.
For the production of these ranges, the best high-alloy steels on the market are used and the best heat treatment techniques developed.

The research and studies carried out have allowed us to obtain important results in terms of the technological and mechanical characteristics of the steels.
At the same time, studies were carried out in collaboration with the main producers of hydraulic seals (Trelleborg, Freudenberg, Nok).

Over the years we have therefore improved the quality of the materials used and the types of the same, so as to adapt them to the right ratio between the variables speed, pressure, temperature, obtaining thus greater durability.

SB
70 - 480 KG

FX
700 - 14500 KG

We’re always ready for challenges

:LWK UHI WR 6% DQG); VHULHV +DPPHU 6UO WKDQNV WR LWV H[SHULHQF has chosen to design and build “nitrogen” breakers in order to obtain a high power distributed over a higher number of blows per minute, thus resisting high counterpressures up to 30 bar.
The breaker is also very compactly structured in order to reduce stress RQ WKH H[FDYDWRU DUP DQG HQVXUH JUHDWHU GXUDELOLW\ RI ERWK WKH and its components.

ï 7KH 6% DQG); K\GUDXOLF EUHDNHUV FDQ ZRUN RQ DQ\ W\SH RI H[FDYDWI DQG RQ DQ\ VLQJOH DFWLQJ K\GUDXOLF V\VWHP WKH\ DUH DOVR VXLWDEC hydraulic systems with high back pressure

• Hammer Breakers are equipped with special polyurethane shock absorbers that absorb vibrations, thus protecting the arm of the H[FDYDWRU DQG DOVR UHGXFLQJ QRLVH HPLVVLRQV DFFRUGLQJ WR WKH requirements of directive 2000/14 / EC

7KH PRGHOV RI WKH 6% VHULHV DUH VXLWDEOH IRU FDUULHUV PLQL H[FDYD miniblades, backhoe loaders, demolition robots. etc., while the FX series LV VXLWDEOH IRU FUDZOHU DQG ZKHHOHG H[FDYDWRUV PHGLXP DQG ODUJH

Application overview

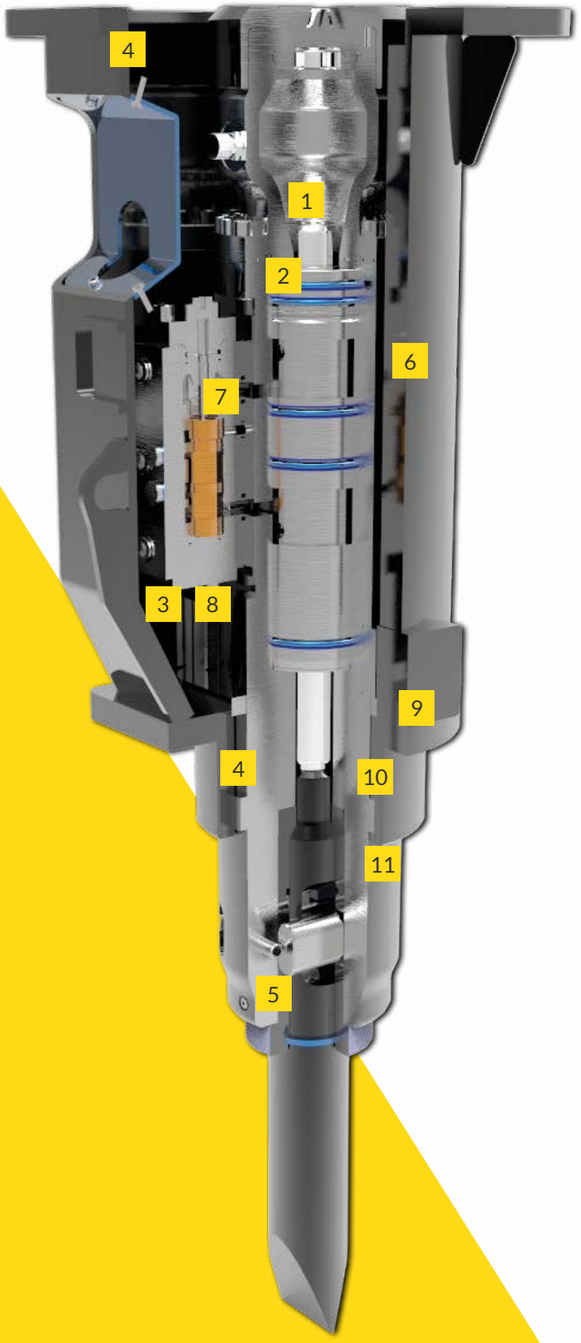
			SB	FX 700-1700	FX 2200-15000
Mining & Quarrying	Preliminary works	Overburden removal			
		Bench, road & ramp leveling	✪	✪	★
		Roof, face & rib scaling			
	Secondary breaking	Boulder reduction in rock pile			
		Removing blockages at crushing systems	★	✪	✪
	Primary rock breaking	Selective rock breaking			
		Blast-free mining	✩	★	✪
Demolition & Renovation	Masonry structures	Brickwork			
		Natural stone	✪	★	✩
		Autoclaved aerated concrete			
	Concrete structures	Lightweight concrete			
		Standard concrete	✪	✪	★
		Heavyweight concrete	✩	★	✪
	Composite steel & concrete structures	Steel-reinforced concrete			
		Prestressed concrete	★	✪	✪
		Fiber-reinforced concrete			
	Pavements	Asphalt			
		Concrete	✪	✪	✪
		Composite surfaces			
Construction	Earthworks	Trenching			
		Pit building	★	✪	✪
		*URXQG H[FDYDWLRQ			
	Tunneling	Tunnel driving			
		Roof, face & rib scaling	★	✪	✪
		Floor leveling			
	Dredging	&DQDO GHHSHQLQJ H[WHQVLRQ	★	★	✪
		'RFN GHHSHQLQJ H[WHQVLRQ			
	Gardening & Landscaping	Fencing			
		*URXQG H[FDYDWLRQ	✪	★	✩
		Rock breaking			
	Foundation works	Ground leveling	✩	★	✪
	Building construction	Foundation pile driving	✩	★	✪
Metallurgical Industry	Slag recycling	Boulder reduction in slag heap	★	✪	✪
		Removing blockages at crushing systems			
	Cleaning & debricking	Ladles			
		Converter mouths	✪	★	✩
		Kilns			

✪ Optimal ★ Suitable ✩ Unsuitable

BREAK IN A SMART WAY

Monoblock hydraulic breaker without tie rods and diaphragm

SB SERIES



1 More power, less vibration and maintenance.
The SB breakers work with inertial nitrogen energy recovery, thus obtaining more power (more than 30%) and less vibration thanks to the nitrogen chamber that reduces maintenance costs, since it has no diaphragm.

2 Long lasting of the nitrogen charge.
In the past, energy recovery breakers required frequent QLWURJHQ UH OOV ZLWK WKH QHZ VHDOLQJ V\VWHP DQG WKH new compound developed by Freudenberg they are able to guarantee a gas tightness equal to 300% more than in the past.

3 Protected tubes.
The tubes are completely protected through the casing DQG WKH\èUH VXLWDEOH IRU HYHU\ W\SH RI H[FDYDWLRQ especially in narrow spaces.

4 Silenced body.
7KH SDUWLFXODU GHVLJQ ZLWK D FORVHG ER[FRQILJXUDWLRQ as the insertion of sound-absorbing material, allowed to reach very low noise levels for a breaker.

5 Double retainer pin.
The tool locking system with double retainer pin allows an adequate and uniform wear of the same and ensures longer maintenance intervals for the whole locking system.

6 Monoblock body without tie rods.
7KH HQWLUH 6% VHULHV EHQH WV IURP WKH SDUWL[XODU8 PRQREORFN FRQVWUXFWLRQ WKLV IHDWXUH JLYHV WKH structure a very high resistance to leverage, during work. The breaker is built in one only piece and it is without tie rods, thus obtaining greater production and less maintenance as a result.

7 Only two moving parts.

8 For all types of installations (pressurization).
The SB series tolerates high back pressure and it has a ZLGH FDOLEUDWLRQ UDQJH RI WKH UHTXLUHG RLO [LQ UGHU to get the installation easier.

9 The piston moves in a single interchangeable cylinder liner that keeps the main body intact and that is easy to replace in case of necessity.

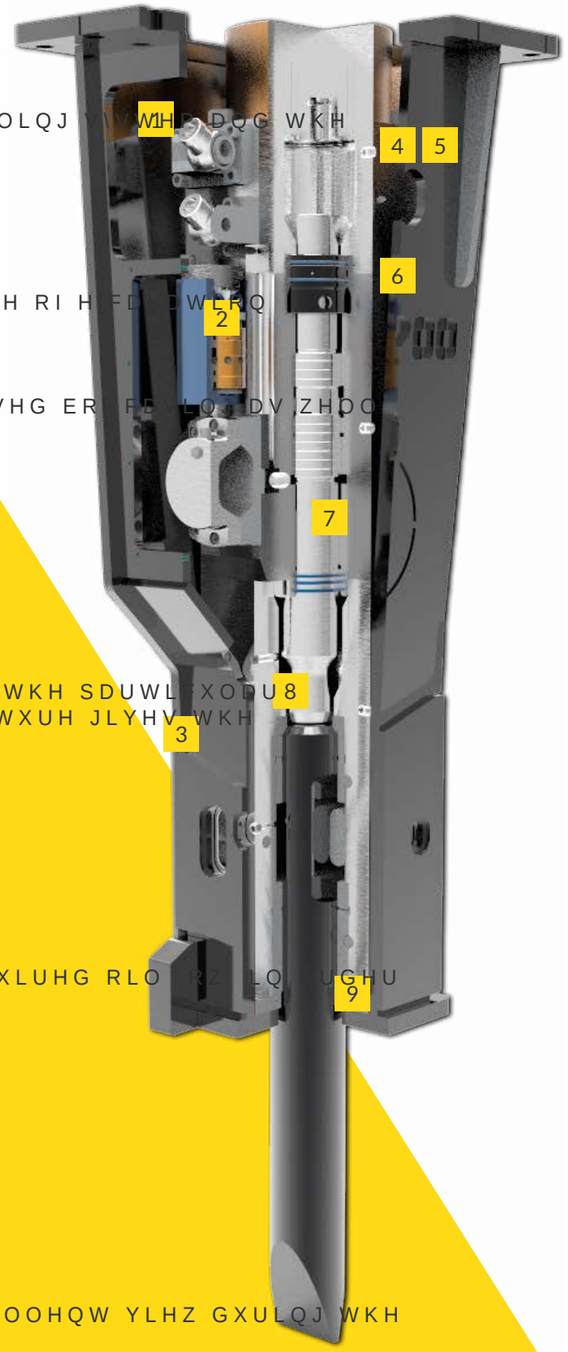
10 The piston is built with a special geometry such as to keep a constant energy of impact, as well as for reducing breakages in conditions of criticality.

11 Visibility and versatility.
The models of the SB series, with their tapered shape, SURYLGH WKH RSHUDWRU ZLWK DQ H[FHOOHQW YLHZ GXULQJ WKH work and allow to operate close to the walls, both in narrow section and with open front.

EFFICIENCY BECOMES POWER

Hammer Hydraulic Breakers

FX SERIES



1 Tubes with swivels fully protected from any bad uses and resistant to vibrations in case of lack of nitrogen in the chamber.

2 Regulation of the operating pressure.
For the FX series (FX950-15000), it is possible to adjust the working pressure by a manual valve located frontally, on the distribution of the breaker.

3 Anti-dust and underwater work set up
You can prevent the entry of dust and water into the breaker by blowing air into the proper hole in the front part of the breaker, with a pressure not less than 10 bar.

4 Automatic hydraulic greasing device (optional, mounted on the breaker).
The Beka-Lube automatic lubrication system optimizes the lubrication procedure and reduces maintenance and downtimes

5 $XWRPDWLF K\GUDXOLF JUHDVLQJ
Hammer electric control (optional, mounted on WKH H[FDYDWRU ,QQRYDWLYH HC automatic grease distribution, less liable to vibration breakages thanks to its own tank of grease with a capacity of 4 kg or 8 kg, making thus the system cheaper than all the other devices with single cartridges.

6 Manual adjustment of blows.
For the FX series (FX950-FX15000), the regulation of the blows is carried out manually by an adjusting valve located on the side of the breaker.

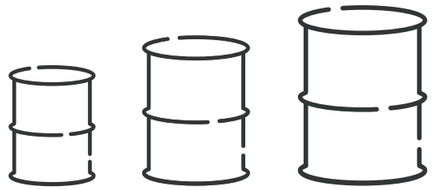
7 +\GUDXOLF V\VWHP IRU EODQN UL
The hydraulic system is a regenerative oil circuit that DYRLGV EODQN ULQJV ZKHQ WKH with the rock.

8 The piston is built with a special geometry such as to keep a constant energy of impact, as well as for reducing breakages in conditions of criticality.

9 Anti-dust system for tunnels (optional).
The anti-dust system consists of the addition of a dustproof seal mounted in the lower bush so to avoid the entering of impurities in the circuit.

The breakers of the FX series, thanks to their power DQG HI FLHQF\ DQG WR WKH ULJK and power, are suitable for secondary demolition ZRUN H[FDYDWLRQV LQ TXDUU\ Z areas, tunnels, pipelines and railway tunnels and, concerning the biggest models, demolitions in open pit mining.

Hammer Lube



5 KG 18 KG 25 KG

HAMMER LUBE is the result of intense cooperation between the Engineering Departments of Hammer and Meyerlub, both specialists in advanced technology. Hammer Grease is totally different from any other breaker grease or oil.

- It is based on special synthetic components, with a strong DI QLW\ WR PHWDO VXUIDFHV GXH WR WKHLU êSH [illegible] DWXUH 7KLV RIIHUV VXSHULRU OXEULFDWLQJ OP VWUHQJWK [illegible] WKH PRVW adverse operating conditions.

- Its physical characteristics perfectly match the Hammer lubricant supply systems (on-board Greasing Stations and Easy-Lub equipment)

HAMMER GREASE KEEPS ITS PROMISES!

- 7RWDO SURWHFWLRQ IURP IULFWLRQ ZHDU DQG [illegible] WKDQNV WR WKH H[FHSWLRQDO OP VWUHQJWK DQG PHWDO [illegible]

- Complete and uniform distribution of lubricant on the whole surface, for full protection from wear and seizing

- &RVW VDYLQJV KLJO\ HI FLHQW DQG FRUUHFW OX ULF WLRQ ZLOO ensure full protection and dramatically reduce maintenance, VSDUHVè DQG GRZQWLPH FRVWV 7KH H[FOXVLYH [illegible] WH RI WKH art" performance of Hammer Grease optimizes lubrication HI FLHQF\ DQG VLJQLFDQWO\ UHGXFHV OXEULFDQWeV RYHU consumption and relevant costs.

CONSIDER THE DIFFERENCE

A Hammer breaker and rolling bearings or machinery pins are very different engineering components... so are their mechanical and functional lubrication requirements. "Multipurpose" industrial greases are very far from specialist breaker lubricants. Often many so called "breaker greases" are conventional greases with solid lubricants.

WHY IS CORRECT LUBRICATION SO IMPORTANT?

A Hammer breaker operates at high frequency under heavy load, which means high thermal and mechanical stress. Inadequate lubricants generate H[FHVVLYH ZHDU DQG GHSRVLWV

BREAKER LIFE SPAN, EFFICIENCY, AND RELIABILITY MAY BE SERIOUSLY AFFECTED.

Proper breaker lubrication is the combination of:

- Appropriate lubricating system design. Appropriate lubricant structure and composition.
- Perfect tuning between lubricant and application system.

1RW VSHFL F JUHDVH

Hammer Lube

Products Series

Discover all our series

HYDRAULIC BREAKERS WITHOUT TIE RODS

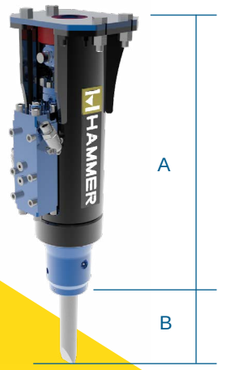
9 models I R U H [F D Y D W R U V Z L W K R S H U D W L Q J Z H L J K W I U R P 0,5 to 12.5 ton

Find out more

Break in a smart way

- More power / less vibrations and maintenance
- Long lasting of the nitrogen charge
- Protected tubes
- Silenced body
- Monoblock body without tie rods
- Double retainer pin
- Only two moving parts
- For all types of installations
- Visibility and versatility

SB55



MOIL POINT

Suitable for concrete, medium-hard and not layered rocks.

BLUNT TOOL

Suitable for reinforced concrete and very compact rocks.

ASPHALT CUTTER

Suitable for cutting asphalt.

PYRAMID TOOL

Suitable for reinforced concrete and very compact rocks.

CHISEL TOOL

Suitable for medium-hard and layered rocks.

PILE DRIVER

Suitable for planting wooden or concrete poles.

WOOD CUTTER TOOL

Suitable for cutting all types of wood.

SB SERIES

Application Fields

Mining & Quarrying

Demolition & Renovation

Construction

Metallurgical Industry

Recycling

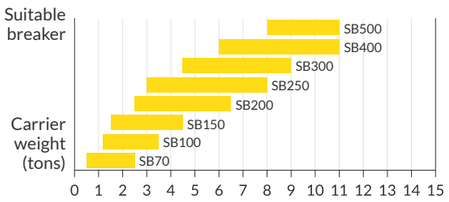
TECHNICAL DRAWING

NEW

Models		SB55	SB70	SB100	SB150	SB200	SB250
Carrier weight	t	0.5-1.4	0.5-1.6	1.2-2.5	1.5-3.8	2.5-5	3-6.5
Weight	kg	60	70	100	135	190	240
Body height (a)	mm	583	583	666	666	869	869
Tool height (b)	mm	200	228	255	255	275	300
Chisel diameter	mm	40	40	45	48	55	65
Required oil supply	l/min	15-20	18-23	20-30	22-40	25-55	30-60
Oil hammer pressure	bar	110	110	110	110	130	140
Blows per minute	/min	800-1700	800-1750	800-2300	800-2000	900-1900	850-1800
Energy per blow	j	250	280	400	580	750	950
0 D [% D F N S U H V V X U H	bar	30	30	30	30	30	30
Inner diam. in hose	inch	1/2”	1/2"	1/2”	1/2”	1/2"	1/2"
Inner diam. out hose	inch	1/2”	1/2"	1/2”	1/2”	1/2"	1/2"

Models		SB300	SB400	SB500
Carrier weight	t	4.5-8.5	6-10	8-12.5
Weight	kg	300	430	480
Body height (a)	mm	904	1135	1135
Tool height (b)	mm	295	378	431
Chisel diameter	mm	75	80	90
Required oil supply	l/min	50-70	75-90	85-110
Oil hammer pressure	bar	160	150	150
Blows per minute	/min	600-1500	500-1300	600-1200
Energy per blow	j	1200	1700	2300
0 D [% D F N S U H V V X U H	bar	30	30	30
Inner diam. in hose	inch	3/4”	3/4”	3/4”
Inner diam. out hose	inch	3/4”	3/4”	3/4”

EXCAVATOR OPTIMAL RANGE



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HAMMER HYDRAULIC BREAKERS

15 models for excavators weighing from 8 to 200 tons

Find out more

(I FLHQF\ becomes power

- Tubes with swivels fully protected
- Adjusting of the operating pressure
- Anti-dust and underwater work set up
- Automatic hydraulic greasing device
- +\GUDXOLF V\VWHP IRU EODQN ULQJV
- Manual adjustment of blows
- Anti-dust system for tunnels

MOIL POINT

Suitable for concrete, medium-hard and not layered rocks.

PYRAMID TOOL

Suitable for reinforced concrete and very compact rocks.

BLUNT TOOL

Suitable for reinforced concrete and very compact rocks.

COBRA TOOL

Suitable for quarry works, such as primary demolition and reduction of stone blocks.

CHISEL TOOL

Suitable for medium-hard and layered rocks.

AUTOMATIC HYDRAULIC GREASING DEVICE

(Optional, mounted on the breaker)
The Beka-Lube automatic lubrication system optimizes the lubrication procedure and reduces maintenance and downtimes.

FX SERIES

Application Fields

Mining & Quarrying

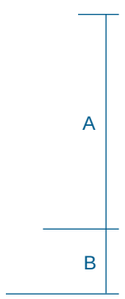
Demolition & Renovation

Construction

Metallurgical Industry

Recycling

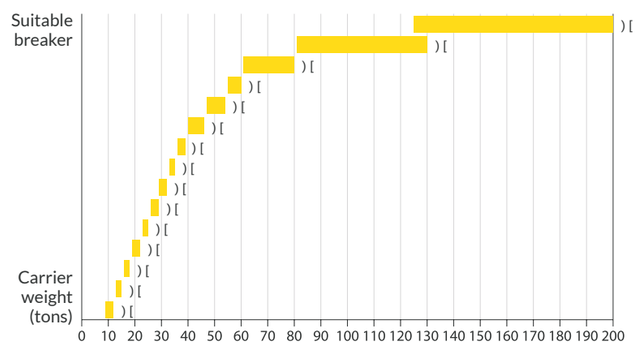
TECHNICAL DRAWING



Models		FX700	FX950	FX1300	FX1700	FX1900 (NEW)
Carrier weight	t	08-14	10-17	13-19	18-24	22-27
Weight	kg	700	950	1200	1650	1850
Body height (a)	mm	1310	1390	1470	1670	1790
Tool height (b)	mm	430	550	560	620	725
Chisel diameter	mm	95	115	120	135	140
Required oil supply	l/min	70-100	90-120	110-140	130-160	140-180
Oil hammer pressure	bar	160	165	170	180	180
Blows per minute	/min	600-900	600-900	400-900	400-800	400-800
Energy per blow	j	2000	2600	3200	4200	4700
0 D [% D F N S U H V V U H	bar	25	25	25	25	25
Inner diam. in hose	inch	3/4"	1"	1"	1"	1"
Inner diam. out hose	inch	3/4"	1"	1"	1"	1"

Models		FX2200
Carrier weight	t	23-31
Weight	kg	2200
Body height (a)	mm	1840
Tool height (b)	mm	720
Chisel diameter	mm	150
Required oil supply	l/min	165-190
Oil hammer pressure	bar	180
Blows per minute	/min	400-800
Energy per blow	j	5400
0 D [% D F N S U H V V U H	bar	25
Inner diam. in hose	inch	1"
Inner diam. out hose	inch	1" 1/4

EXCAVATOR OPTIMAL RANGE



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HAMMER HYDRAULIC BREAKERS

15 models for excavators with operating weight from 8 to 200 ton

(I FLHQF\ becomes power

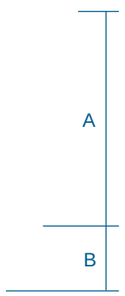
- Tubes with swivels fully protected
- Adjusting of the operating pressure
- Anti-dust and underwater work set up
- Automatic hydraulic greasing device
- +\GUDXOLF V\VWHP IRU EODQN ULQJV
- Manual adjustment of blows
- Anti-dust system for tunnels

FX SERIES

Application Fields

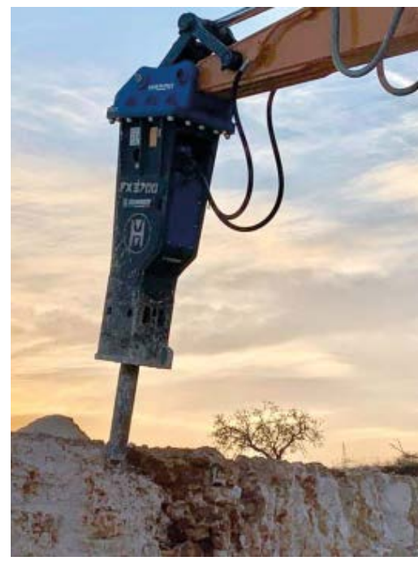
Mining & Quarrying · Demolition & Renovation · Construction · Metallurgical Industry · Recycling

TECHNICAL DRAWING



Models		FX2800	FX3200	FX3700	FX4200	FX5000
Carrier weight	t	28-38	30-40	35-50	36-55	40-65
Weight	kg	2900	3200	3700	4400	4850
Body height (a)	mm	2030	2030	2250	2250	2390
Tool height (b)	mm	710	710	790	790	700
Chisel diameter	mm	160	160	180	180	195
Required oil supply	l/min	180-240	200-260	250-300	270-320	290-350
Oil hammer pressure	bar	180	180	180	190	190
Blows per minute	/min	350-700	300-650	300-650	300-650	250-550
Energy per blow	j	8500	9000	9500	12500	16500
0 D [% D F N S U H V V U H	bar	25	25	25	25	30
Inner diam. in hose	inch	1" 1/4	1" 1/4	1" 1/4	1" 1/4	1" 1/4
Inner diam. out hose	inch	1" 1/4	1" 1/4	1" 1/4	1" 1/4	1" 1/4

Models		FX6000	FX8000	FX12000	FX15000
Carrier weight	t	45-75	60-110	80-170	100-200
Weight	kg	5800	7800	12000	14500
Body height (a)	mm	2390	1840	2030	2030
Tool height (b)	mm	620	720	710	710
Chisel diameter	mm	195	215	255	280
Required oil supply	l/min	300-380	380-440	480-570	500-600
Oil hammer pressure	bar	190	190	190	190
Blows per minute	/min	250-550	200-400	150-300	150-250
Energy per blow	j	18500	23000	28000	35000
0 D [% D F N S U H V V U H	bar	30	30	30	30
Inner diam. in hose	inch	1" 1/4	1" 1/4	1" 1/2	1" 1/2
Inner diam. out hose	inch	1" 1/4	1" 1/4	1" 1/2	1" 1/2



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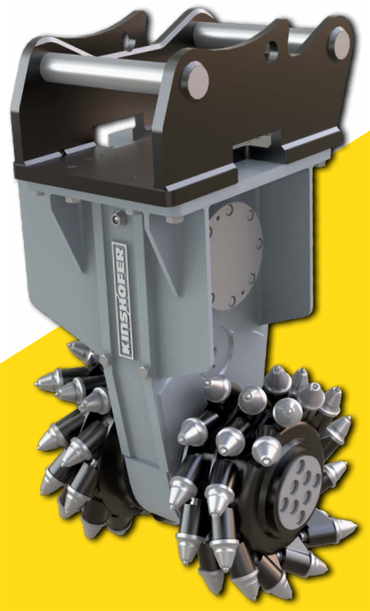
DRUM CUTTERS

9 models I R U H[F D Y D W R U V Z L W K R S H U D W L Q J Z H L J K W from 2 to 60 ton

The best suite components for your purpose



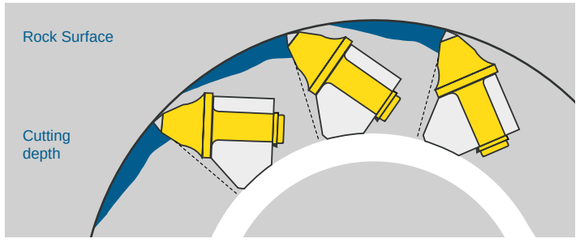
Find out more

The cutters with robust spur gearing are driven by high torque motors. In addition, they are equipped with a gear reduction to increase the cutting force.

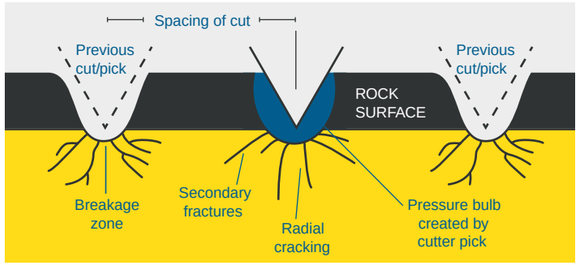
The optimal selection of drum and pick guarantees high performance for loosening of material and reduces wear.

The best suited components for your task will provide optimum penetration into the rock at low vibration and noise levels.

Underwater operation in up to 25m water depth is no problem thanks to the heavy duty sealing system.



It is not the performance of the cutter (kW) which is decisive for the cutting operation, but the pick force due to the cutting head torque.

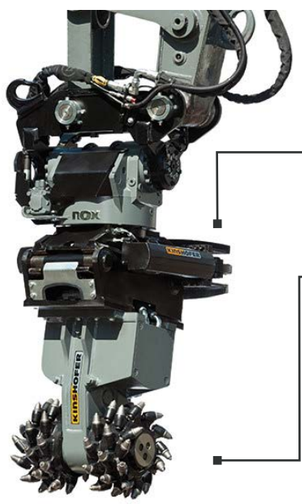


The optimum arrangement of the pick guarantees a high loosening performance and low wear. Thus a smooth cutting UHGXFHV YLEUDWLRQ RQ WKH H[FDYDW

DX SERIES

Application Fields

Mining & Quarrying | Demolition & Renovation | Construction | Metallurgical Industry | Recycling



HIGH PROFITABILITY
5 R E X V W D Q G O R Z P D L Q W H Q D Q F H S U H F L V H D Q G S U R O H W U X H
cutting in hard soil and rock, easy reutilization of cut material.

GREATER EFFICIENCY
High pick force, extremely high cutting head torque and maximum cutting force due to reduction gear unit.

MAXIMUM FLEXIBILITY
Modular construction, large product range of drums and picks, fast and easy replacing of wear parts.

Models		DX04	DX06	DX08	DX15	DX20
Carrier weight	t	2-4	4-6	6-8	8-15	15-20
Weight	kg	250	250	250	420	850
1 R P L Q D O 3 R Z H U	kW	P D [18-22	18-22	18-22	30	45
) O R Z P L Q P D [	l/min	30-65	30-65	30-65	70-120	100-190

Models		DX30	DX35	DX45	DX60
Carrier weight	t	20-30	30-35	35-45	45-60
Weight	kg	1400	1460	2550	2800
1 R P L Q D O 3 R Z H U	kW	P D [60	90	120	140
) O R Z P L Q P D [	l/min	120-210	240-340	250-500	360-550

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DX SERIES

DRUM CUTTERS

Models	Weight	Torque*	Cutting force	Nominal power	Flow min. - max.	Rotations per minute	Operating weight
	(ca. kg)	(Nm)	(N)	(kW)	(l/min)	(@ l/min)	(t)
DX04-Excavating	250	2330	13320	18	30 - 65	71 @ 30 / 150 @ 65	2 - 4
DX04-Demolition	250	2330	13320	18	31 - 65	71 @ 30 / 150 @ 65	2 - 4
'; 3 U R O L Q J	250	2330	20260	18	32 - 65	71 @ 30 / 150 @ 65	2 - 4
DX06-Excavating	250	2800	16000	18	40 - 65	77 @ 40 / 130 @ 65	4 - 6
DX06-Demolition	250	2800	16000	18	41 - 65	77 @ 40 / 130 @ 65	4 - 6
'; 3 U R O L Q J	250	2800	24350	18	42 - 65	77 @ 40 / 130 @ 65	4 - 6
DX08-Excavating	250	3900	22290	22	50 - 65	63 @ 50 / 82 @ 65	5 - 8
DX08-Demolition	250	3900	22290	22	51 - 65	63 @ 50 / 82 @ 65	5 - 8
'; 3 U R O L Q J	250	3900	33920	22	52 - 65	63 @ 50 / 82 @ 65	5 - 8
DX15-Excavating	420	5500	27160	30	80 - 120	81 @ 80 / 122 @ 120	9 - 14
DX15-Demolition	420	5500	27160	30	81 - 120	81 @ 80 / 122 @ 120	9 - 14
'; 3 U R O L Q J	420	5500	27160	30	82 - 120	81 @ 80 / 122 @ 120	9 - 14
DX20-Excavating	850	9900	36000	45	120 - 190	67 @ 120 / 106 @ 190	12 - 20
DX20-Demolition	850	9900	36000	45	121 - 190	67 @ 120 / 106 @ 190	12 - 20
'; 3 U R O L Q J	850	9900	42580	45	122 - 190	67 @ 120 / 106 @ 190	12 - 20
DX30-Excavating	1400	14000	45530	60	140 - 210	57 @ 140 / 86 @ 210	18 - 30
DX30-Demolition	1400	14000	45530	60	141 - 210	57 @ 140 / 86 @ 210	18 - 30
'; 3 U R O L Q J	1400	14000	45530	60	142 - 210	57 @ 140 / 86 @ 210	18 - 30
DX30-Tunneling	1400	14000	45530	60	143 - 210	57 @ 140 / 86 @ 210	18 - 30
DX35-Excavating	1460	24100	78380	90	240 - 340	55 @ 240 / 78 @ 340	25 - 35
DX35-Demolition	1460	24100	78380	90	241 - 340	55 @ 240 / 78 @ 340	25 - 35
'; 3 U R O L Q J	1460	24100	78380	90	242 - 340	55 @ 240 / 78 @ 340	25 - 35
DX35-Tunneling	1460	24100	78380	90	243 - 340	55 @ 240 / 78 @ 340	25 - 35
DX45-Excavating	2550	36100	95000	120	300 - 500	48 @ 310 / 77 @ 500	30 - 45
DX45-Demolition	2550	36100	95000	120	301 - 500	48 @ 310 / 77 @ 500	30 - 45
'; 3 U R O L Q J	2550	36100	95000	120	302 - 500	48 @ 310 / 77 @ 500	30 - 45
DX60-Excavating	2800	43500	114470	140	360 - 555	45 @ 360 / 70 @ 550	40 - 60
DX60-Demolition	2800	43500	114470	140	360 - 555	45 @ 360 / 70 @ 550	40 - 60
'; 3 U R O L Q J	2800	43500	114470	140	360 - 555	45 @ 360 / 70 @ 550	40 - 60

* at 35 MPa (350 bar)

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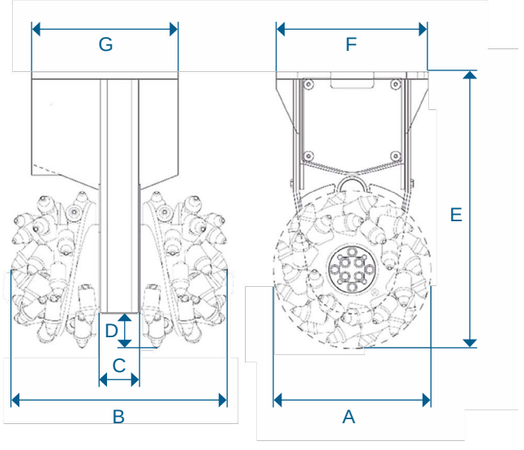

DRUM CUTTERS DX DIMENSION

Models	Diameter drum A	Width drum B	Width shaft C	Cutting depth D	Height complete E	Upper connection F x G	Picks #
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(pcs.)
DX04-Excavating	350	500	90	65	700	[	[
DX04-Demolition	350	500	90	65	700	[	[
'; 3 U R O L Q J	230	500	90	53	690	[	[
DX06-Excavating	350	500	90	65	700	[	[
DX06-Demolition	350	500	90	65	700	[	[
'; 3 U R O L Q J	230	500	90	53	690	[	[
DX08-Excavating	350	500	90	65	700	[	[
DX08-Demolition	350	500	90	65	700	[	[
'; 3 U R O L Q J	230	500	90	53	690	[	[
DX15-Excavating	495	630	135	85	835	[	[
DX15-Demolition	495	630	135	85	835	[	[
'; 3 U R O L Q J	495	680	135	85	835	[	[
DX20-Excavating	550	750	145	120	965	[	[
DX20-Demolition	550	750	145	120	965	[	[
'; 3 U R O L Q J	465	655	145	78	923	[	[
DX30-Excavating	615	900	170	125	1095	[	[
DX30-Demolition	615	900	170	125	1095	[	[
'; 3 U R O L Q J	615	900	170	125	1095	[	[
DX30-Tunneling	615	900	170	125	1095	[	[
DX35-Excavating	615	900	170	125	1095	[	[
DX35-Demolition	615	900	170	125	1095	[	[
'; 3 U R O L Q J	615	900	170	125	1095	[	[
DX35-Tunneling	615	900	170	125	1095	[	[
DX45-Excavating	760	1200	240	135	1345	[	[
DX45-Demolition	760	1200	240	135	1345	[	[
'; 3 U R O L Q J	760	1200	240	135	1345	[	[
DX60-Excavating	760	1400	240	135	1345	[	[
DX60-Demolition	760	1400	240	135	1345	[	[
'; 3 U R O L Q J	760	1400	240	135	1345	[	[

Find out more

STANDARD DRUM VERSIONS

% H Q H W I U R P W K H Y D U L H W \ R I G U X P V D Y D L O D E O H I R U D O O N L Q G V R I R S H U D W L R Q V strengths for all kinds of operations. Special drum versions are available on request.

EXCAVATING DRUM
For cutting soft to medium-hard U R F N : L W K V H O H F W S L F N I R U P D [L P X P productivity and loosening performance.

PROFILING DRUM
For shaping and leveling soft to medium hard rocks. Higher density of pick for clean surfaces at reduced vibration.

DEMOLITION DRUM
For cutting medium-hard to hard rock and concrete. High running smoothness and reduced vibration due to wear protected spiral sheet.

PICK VERSIONS

7 K H E R V S H F L I L F G H V L J Q R I W K H S L F N V H O H F W L R Q R I W K H S L operation guarantees an optimun loosening performance and low wear.

STANDARD PICK:
For soft to medium-hard rocks. (Asphalt, argillite)

HEAVY DUTY PICK:
For medium-hard to very hard rocks. (Limestone, concrete)

WEAR-PROTECTED PICK:
For very abrasive rocks. (Sandstone, furnace gravel)

WOOD PICK:
For wood applications. (Tree stumps)

EARTH DRILLS

13 models I R U H [F D Y D W R U V Z L W K R S H U D W L Q J Z H L J K W I U R P 1 to 22 ton

Find out more

Drilling has no limits!

- Forged hood ears.
- Epicyclic gearbox.
- High quality hydraulic motors.
- Non-dislodgement shaft.

SMALL
MIXER BOWL

BIG
MIXER BOWL

LOG-SPLITTER

X SERIES

Application Fields

Mining & Quarrying

Demolition & Renovation

Construction

Metallurgical Industry

Recycling

Models		X1500	X2000	X2500	X3000	X3500	X4500	X5500
Carrier weight	t	1-2	1-2.5	1.5-3	2-4	2.5-4.5	3-5	4.5-6
Unit Weight	kg	46	47	48	71	73	75	108
Torque range	Nm	511-1.496	539-2.190	830-2.847	959-2.877	1.205-3.614	1.574-4.721	1.685-5.477
Oil pressure range	bar	70-205	70-240	70-240	80-240	80-240	80-240	80-260
2 L O R Z U D Q J	l/min	20-45	25-57	27-65	27-75	40-85	50-95	40-115
Speed range	giri/min	44-98	43-99	36-87	36-100	42-90	40-77	30-87
Unit height	mm	585	585	585	665	665	665	780
Unit diameter	mm	200	200	200	244	244	244	269
Augers		S4	S4	S4	S4	S4	S4	S5
Augers diameter	mm	100-400	100-450	100-500	100-600	100-750	100-900	150-750

Models		X7000	X8000	X12000	X15000	X20000	X25000
Carrier weight	t	5-7	6-8	8-13	10-15	13-20	15-22
Unit Weight	kg	112	116	172	173	268	269
Torque range	Nm	2.133-6.931	2.717-8.152	3.998-11.995	5.024-15.071	13.043-19.564	16.503-24.755
Oil pressure range	bar	80-260	80-240	80-240	80-240	160-240	160-240
2 L O R Z U D Q J	l/min	60-135	70-150	80-170	80-170	80-170	80-170
Speed range	giri/min	36-81	33-70	25-54	20-43	16-33	12-26
Unit height	mm	780	780	930	930	1130	1130
Unit diameter	mm	269	269	290	290	345	345
Augers		S5	S5	S6	S6	S6	S6
Augers diameter	mm	150-900	150-1.2	150-1	150-1.2	150.01.02	150-1.5

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EARTH DRILLS

13 models I R U H [F D Y D W R U V Z L W K R S H U D W L Q J Z H L J K W I U R P 1 to 22 ton

Drilling has no limits!

- Forged hood ears.
- Epicyclic gearbox.
- High quality hydraulic motors.
- Non-dislodgement shaft.

X SERIES

Application Fields

- Mining & Quarrying
- Demolition & Renovation
- Construction
- Metallurgical Industry
- Recycling

AUGERS S4

Auger - S4 - 100mm Tungsten - Length 1200mm
Auger - S4 - 150mm Tungsten - Length 1200mm
Auger - S4 - 200mm Tungsten - Length 1200mm
Auger - S4 - 225mm Tungsten - Length 1200mm
Auger - S4 - 250mm Tungsten - Length 1200mm
Auger - S4 - 300mm Tungsten - Length 1200mm
Auger - S4 - 350mm Tungsten - Length 1200mm
Auger - S4 - 400mm Tungsten - Length 1200mm
Auger - S4 - 450mm Tungsten - Length 1200mm
Auger - S4 - 500mm Tungsten - Length 1200mm
Auger - S4 - 600mm Tungsten - Length 1200mm
Auger - S4 - 750mm Tungsten - Length 1200mm
Auger - S4 - 800mm Tungsten - Length 1200mm
Auger - S4 - 900mm Tungsten - Length - 1200mm

AUGERS S5

Auger S5 - 150mm - Tungsten - Length 1500mm
Auger S5 - 200mm - Tungsten - Length 1500mm
Auger S5 - 225mm - Tungsten - Length 1500mm
Auger S5 - 250mm - Tungsten - Length 1500mm
Auger S5 - 300mm - Tungsten - Length 1500mm
Auger S5 - 350mm - Tungsten - Length 1500mm
Auger S5 - 400mm - Tungsten - Length 1500mm
Auger S5 - 450mm - Tungsten - Length 1500mm
Auger S5 - 500mm - Tungsten - Length 1500mm
Auger S5 - 600mm - Tungsten - Length 1500mm
Auger S5 - 750mm - Tungsten - Length 1500mm
Auger S5 - 800mm - Tungsten - Length 1500mm
Auger S5 - 900mm - Tungsten - Length 1500mm
Auger S5 - 1000mm - Tungsten - Length 1500mm

AUGERS S6

Auger - S6 - 150mm - Tungsten - Length 1875mm
Auger - S6 - 200mm - Tungsten - Length 1875mm
Auger - S6 - 225mm - Tungsten - Length 1875mm
Auger - S6 - 250mm - Tungsten - Length 1875mm
Auger - S6 - 300mm - Tungsten - Length 1875mm
Auger - S6 - 350mm - Tungsten - Length 1875mm
Auger - S6 - 400mm - Tungsten - Length 1875mm
Auger - S6 - 450mm - Tungsten - Length 1875mm
Auger - S6 - 500mm - Tungsten - Length 1875mm
Auger - S6 - 600mm - Tungsten - Length 1875mm
Auger - S6 - 750mm - Tungsten - Length 1875mm
Auger - S6 - 800mm - Tungsten - Length 1875mm
Auger - S6 - 900mm - Tungsten - Length 1875mm
Auger - S6 - 1000mm - Tungsten - Length 1875mm
Auger - S6 - 1200mm - Tungsten - Length 1875mm
Auger - S6 - 1500mm - Tungsten - Length 1875mm

EXTENSIONS for S4

([W H Q V L R Q 6 / H Q J W K P P
([W H Q V L R Q 6 / H Q J W K P P

EXTENSIONS for S5

([W H Q V L R Q 6 / H Q J W K P P
([W H Q V L R Q 6 / H Q J W K P P
([W H Q V L R Q 6 / H Q J W K P P
([W H Q V L R Q 6 / H Q J W K P P

EXTENSIONS for S6

([W H Q V L R Q 6 / H Q J W K P P
([W H Q V L R Q 6 / H Q J W K P P
([W H Q V L R Q 6 / H Q J W K P P
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([W H Q V L R Q 6 / H Q J W K P P

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STATIC PULVERIZERS

6 models I R U H [F D Y D W R U V Z L W K R S H U D W L Q J Z H L J K W I U R P 3 to 40 ton

Find out more

First quality secondary demolition

- Replaceable wear plates
- Cylinder fully protected from possible debris during demolition
- Wear parts are replaceable on site
- Speed valve *optional
- Designed and built to achieve high crushing force

DESIGNED FOR SECONDARY DEMOLITION, HAMMER STATIC PULVERIZERS CAN BOTH BREAK UP REINFORCED CONCRETE STRUCTURES AND SEPARATE THE STEEL.

ALL THE PARTS THAT MOSTLY UNDERGO WEARING ARE EASILY REPLACEABLE

PRESSURE UP TO 300 BAR

SPEED VALVE

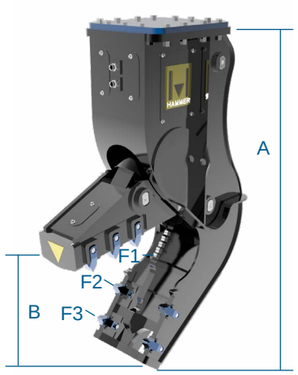
OPTIONAL

FP SERIES

Application Fields

Mining & Quarrying | Demolition & Renovation | Construction | Metallurgical Industry | Recycling

TECHNICAL DRAWING



Models		FP05	FP10	FP16	FP22
Carrier weight	t	3-8	8-13	13-22	16-25
Weight	kg	360	900	1450	2150
([F D Y D W R U R L O	l/min	20-70	70-110	140-200	200-250
([F D Y D W R U Z R U N L Q J S U H V V X U H	bar	250	280	300	300
A	mm	1280	1650	2100	2500
B	mm	400	520	680	850
Steel blade length	mm	160	160	200	200
F1	t	90	115	165	180
F2	t	40	50	70	85
F3	t	25	35	55	60
š 0 D [	mm	25	25	30	40

Models		FP26	FP32
Carrier weight	t	20-32	33-40
Weight	kg	2650	2950
([F D Y D W R U R L O	l/min	200-300	220-300
([F D Y D W R U Z R U N L Q J S U H V V X U H	bar	300	300
A	mm	2700	2800
B	mm	875	940
Steel blade length	mm	300	300
F1	t	200	245
F2	t	85	110
F3	t	70	85
š 0 D [	mm	40	50

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ROTATING PULVERIZERS

8 models I R U H [F D Y D W R U V Z L W K R S H U D W L Q J Z H L J K W I U R P 1,5 to 32 ton

Find out more

No limits to demolition

- Rotation 360°
- Integrated “relief” valve to avoid pressure peaks on the rotating motor
- Double balls slewing ring (from model FR15 up)
- Double motor for extra power and precision (from model FR15 up)
- Excellent speed/power to weight ratio
- Cylinder fully protected from possible debris during demolition
- Designed and built to achieve more power

THE ROTARY PULVERIZERS OF THE NEW FR SERIES HAVE BEEN DEVELOPED FOR PRIMARY AND SECONDARY DEMOLITION. THE JAWS ARE DESIGNED FOR EACH APPLICATION AREA.

ALL THE PARTS THAT MOSTLY UNDERGO WEARING ARE EASILY REPLACEABLE

PRESSURE UP TO 300 BAR

SPEED VALVE (optional from model FR15 up)

OPTIONAL

FR SERIES

Application Fields

Mining & Quarrying

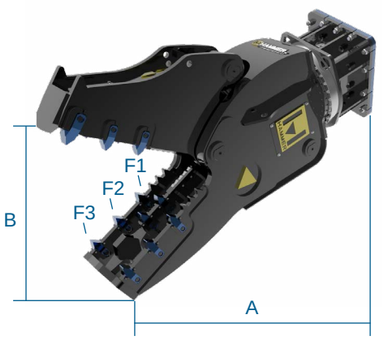
Demolition & Renovation

Construction

Metallurgical Industry

Recycling

TECHNICAL DRAWING



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Models		FR02	FR04	FR07	FR09
Carrier weight	t	1.5-4	5-10	8-13	11-15
Weight	kg	220	550	790	950
([F D Y D W R U R L O l/min		20-50	50-70	60-100	70-110
([F D Y D W R U Z R U N bar		250	280	300	300
360° Rotation	°	360°	360°	360°	360°
5 R W D W L R Q R L O l/min		5-8	5-8	5-8	5-8
Rotation Pressure	bar	70	70	70	70
A	mm	1050	1400	1570	1600
B	mm	355	440	600	650
Steel blade length	mm	160	160	160	160
F1	t	80	100	115	140
F2	t	40	50	55	65
F3	t	25	30	35	40
š 0 D [	mm	20	20	25	25

Models		FR12	FR15	FR21	FR26
Carrier weight	t	14-18	16-22	18-27	24-32
Weight	kg	1450	1700	2050	2500
([F D Y D W R U R L O l/min		110-160	140-200	180-230	200-300
([F D Y D W R U Z R U N bar		300	300	300	300
360° Rotation	°	360°	360°	360°	360°
5 R W D W L R Q R L O l/min		20-25	20-30	20-30	20-30
Rotation Pressure	bar	70	70	70	70
A	mm	1850	1950	2200	2300
B	mm	680	710	800	920
Steel blade length	mm	200	200	200	200
F1	t	180	195	234	250
F2	t	110	120	135	140
F3	t	57	65	80	85
š 0 D [	mm	35	40	45	50

7 models I R U H [F D Y D W R U V Z L W K R S H U D W L Q J Z H L J K W I U R P 5 to 32 ton

Find out more

The right shape for the primary demolition

- Rotation 360°
- Integrated “relief” valve to avoid pressure peaks on the rotating motor
- Double motor for extra power and precision (from model FK16 up)
- Double balls slewing ring (from model fk16 up)
- Excellent speed/power to weight ratio
- Cylinder fully protected from possible debris during demolition

ALL THE PARTS THAT MOSTLY UNDERGO WEARING ARE EASILY REPLACEABLE

PRESSURE UP TO 300 BAR

SPEED VALVE (optional from model FR15 up)

OPTIONAL

FK SERIES

Application Fields

Mining & Quarrying

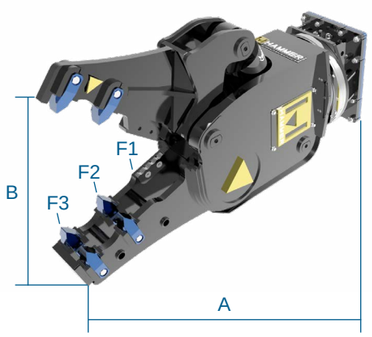
Demolition & Renovation

Construction

Metallurgical Industry

Recycling

TECHNICAL DRAWING



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Models		FK05	FK08	FK10	FK13
Carrier weight	t	5-10	8-13	11-15	14-18
Weight	kg	450	750	950	1450
([F D Y D W R U R L O	l/m	50-70	60-90	70-110	110-160
([F D Y D W R U Z R U N L Q J	bar	250	260	260	300
360° Rotation	°	360°	360°	360°	360°
5 R W D W L R Q R L O	l/m	5-8	5-8	5-8	20-25
Rotation Pressure	bar	70	70	70	70
A	mm	1350	1520	1640	1850
B	mm	460	600	670	720
Steel blade length	mm	160	160	160	200
F1	t	100	115	140	180
F2	t	50	55	65	110
F3	t	30	35	40	57
š 0 D [	mm	20	25	25	35

Models		FK16	FK22	FK27
Carrier weight	t	16-22	18-27	24-32
Weight	kg	1700	2100	2500
([F D Y D W R U R L O	l/m	140-200	180-230	200-300
([F D Y D W R U Z R U N L Q J	bar	300	300	300
360° Rotation	°	360°	360°	360°
5 R W D W L R Q R L O	l/m	20-30	20-30	20-30
Rotation Pressure	bar	70	70	70
A	mm	2000	2400	2600
B	mm	760	900	980
Steel blade length	mm	200	200	200
F1	t	195	234	250
F2	t	120	135	140
F3	t	65	80	85
š 0 D [	mm	40	45	50

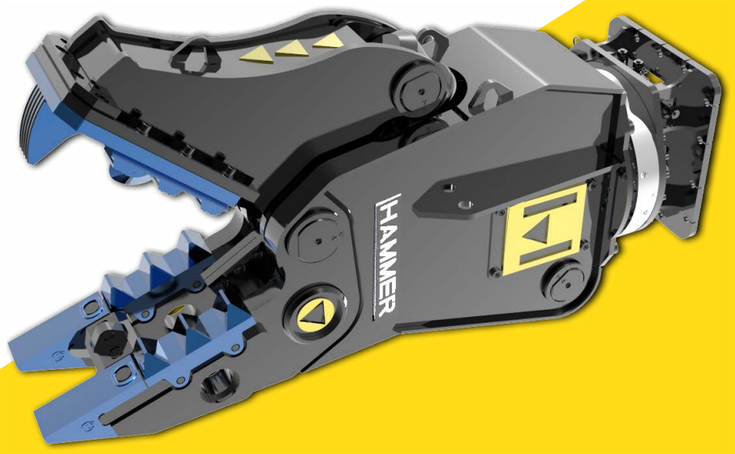
DEMOLITION ROTATING PULVERIZERS

8 models I R U H [F D Y D W R U V Z L W K R S H U D W L Q J Z H L J K W I U R P 6 to 55 ton

Find out more

Designed to last!

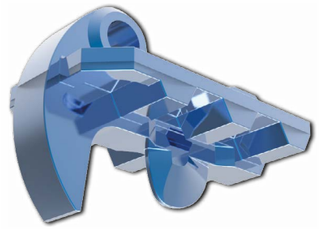
- Double motors for an excellent rotation and high power
- Integrated “relief” valve to avoid pressure peaks on the rotating motor
- Double balls slewing ring (from model FRK17 up)
- Designed and built to achieve high crushing force

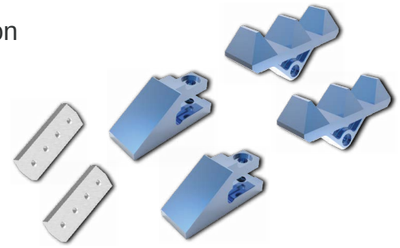


THE ROTARY PULVERIZERS OF THE NEW FRK SERIES HAVE BEEN DEVELOPED FOR PRIMARY AND SECONDARY DEMOLITION.

ALL THE PARTS THAT MOSTLY UNDERGO WEARING ARE EASILY REPLACEABLE

- Excellent speed/power to weight ratio
- Cylinder fully protected from possible debris during demolition
- Plates designed to achieve an excellent crushing force





PRESSURE UP TO 350 BAR

SPEED VALVE
(optional from model FRK17 up)

OPTIONAL

FRK SERIES

Application Fields

Mining & Quarrying

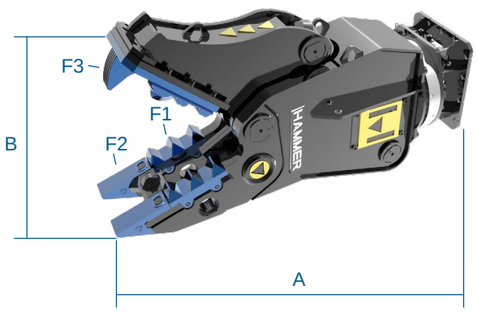
Demolition & Renovation

Construction

Metallurgical Industry

Recycling

TECHNICAL DRAWING



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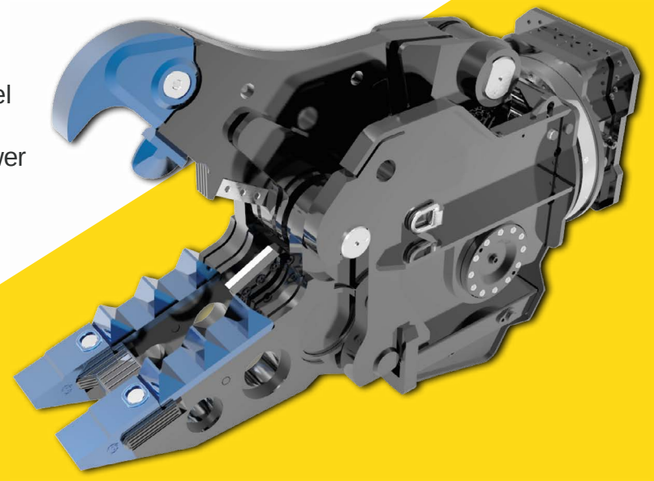
Models		FRK07	FRK10
Carrier weight	t	6-13	9-17
Weight	kg	780	1000
([F D Y D W R U R L O l/min		45-100	70-110
([F D Y D W R U Z R U N bar Q J S U H V V X U H		320	320
360° Rotation	°	360°	360°
5 R W D W L R Q R L O l/min		20-40	20-40
Rotation Pressure	bar	100	100
A	mm	1580	1620
B	mm	575	605
Steel blade length	mm	160	160
F1	t	130	150
F2	t	65	70
F3	t	40	45
š 0 D [	mm	30	30

Models		FRK13	FRK17	FRK21	FRK26	FRK32	FRK42
Carrier weight	t	12-20	14-23	16-27	20-32	26-40	32-55
Weight	kg	1400	1650	2000	2400	3300	4200
([F D Y D W R U R L O l/min		110-160	140-200	180-230	200-300	300-350	350-400
([F D Y D W R U Z R U N bar Q J S U H V V X U H		350	350	350	350	350	350
360° Rotation	°	360°	360°	360°	360°	360°	360°
5 R W D W L R Q R L O l/min		30-60	40-60	40-60	40-60	40-60	40-60
Rotation Pressure	bar	140	140	140	140	140	140
A	mm	1900	2000	2100	2300	2500	2700
B	mm	685	710	780	900	1000	1120
Steel blade length	mm	200	200	200	200	200	200
F1	t	190	195	220	250	370	505
F2	t	120	120	120	140	225	285
F3	t	60	65	70	85	125	146
š 0 D [	mm	40	40	50	55	60	65

4 models I R U H [F D Y D W R U V Z L W K R S H U D W L Q J Z H L J K W I U R P 18 to 65 ton

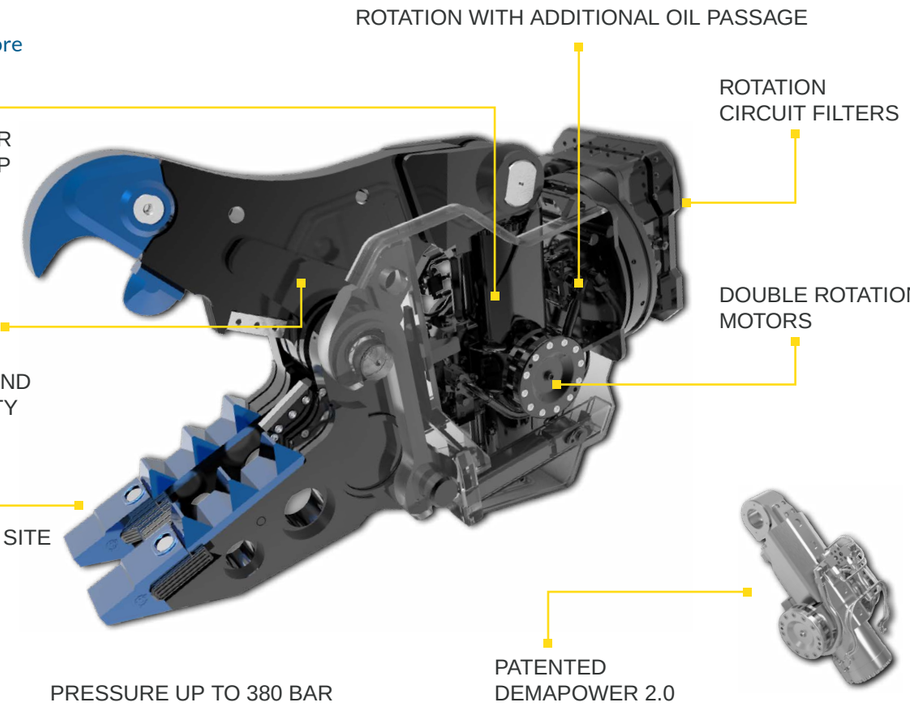
Demolition, cutting and crushing in a single tool

Used for cutting and crushing concrete with steel reinforcement and for cutting steel structures, the multi-quick Hammer processor with DemaPower and DemaLink has been developed for primary and secondary demolition.
It has 6 jaw options: combi, demolition, pulverizer, steel, tank and universal jaws



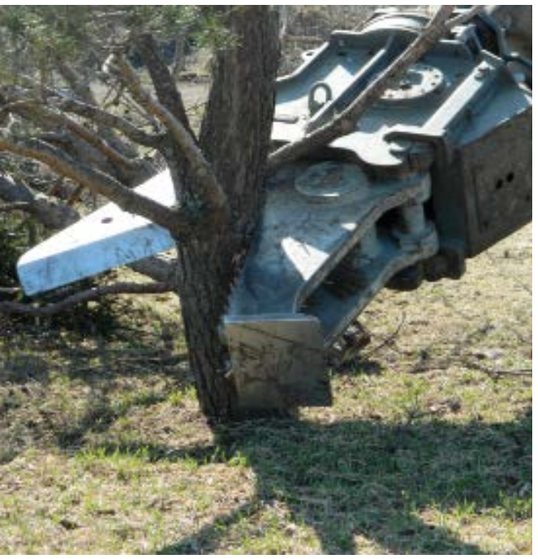
MQP SERIES

Find out more



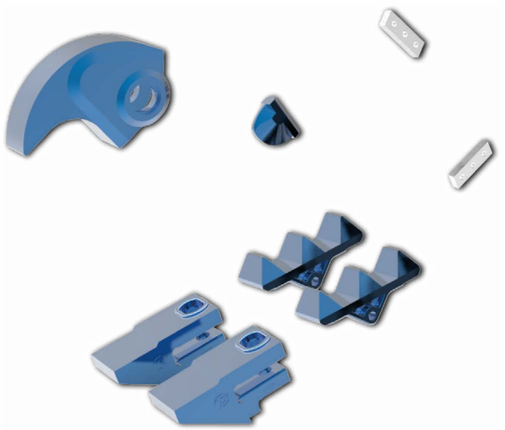
Application Fields

Mining & Quarrying
Demolition & Renovation
Construction
Metallurgical Industry
Recycling



- The patented DemaPower cylinder provides up to 20% more power and reduces cycle times to under 5 seconds.
- 5 R W D W L R Q F L U F X L W O W H U V
- Rotation frame with additional oil passage.
- Double rotation motors for extra rotation power.
- Guide plate at pivot point for more precise alignment and greater jaw stability.
- Replaceable teeth and cutting blades.
- Bearing points designed for optimum load handling and for a reduced wearing.
- Replacing of the jaws on site in less than 10 minutes, thanks to DemaLink system.

ALL THE PARTS THAT MOSTLY UNDERGO WEARING ARE EASILY REPLACEABLE



MQP SERIES

MULTI-QUICK PROCESSORS

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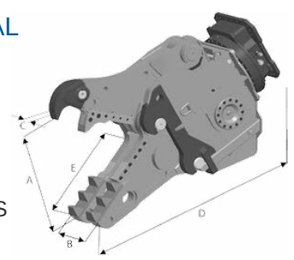
Models		MQP-25-Y	MQP-30-Y	MQP-45-Y	MQP-60-Y
Carrier weight	t	18-25	22-35	32-50	45-65
Weight	kg	1130	1400	1740	2350
([FDYDWRU RLO	l/min	1195	1205	1330	1450
([FDYDWRU ZRUNLQJ SUHVVXUH	bar	340	720	720	880
Depth	mm	1130	1190	1290	1485
Open/close cycle	sec	1.5/2.3	2.0/2.3	2.0/2.9	2.0/2.8

Models - C -		MQP-25-C	MQP-30-C	MQP-45-C	MQP-60-C
Weight (complete force with yoke)	kg	1960	2600	3200	4600
Weight (upper & lower jaws)	kg	830	1200	1460	2250
Closing force*	kN	735	880	1175	1370
Jaw opening	mm	785	875	990	1150
Width lower jaw	mm	375	440	450	480
Width upper jaw	mm	90	100	100	100
Height	mm	1940	2155	2360	2600
Jaw depth	mm	810	920	975	1050

Models - D -		MQP-25-D	MQP-30-D	MQP-45-D	MQP-60-D
Weight (complete force with yoke)	kg	1950	2450	3150	4375
Weight (upper & lower jaws)	kg	820	1050	1410	2025
Closing force*	kN	785	930	1225	1420
Jaw opening	mm	785	870	990	1175
Width lower jaw	mm	470	470	515	550
Width upper jaw	mm	90	100	100	100
Height	mm	1980	2160	2355	2600
Jaw depth	mm	810	900	960	1090

TECHNICAL DRAWING



MQP WITH COMBI JAWS

REQUIREMENTS OF EXCAVATOR

2SHUDWLQJ SUHVVXUH RSHQLQJ EDUVH03D EDU

Recommended pump capacity (open/close):

MQP-25	120 - 200 l/min
MQP-30	150 - 250 l/min
MQP-45	200 - 300 l/min
MQP-60	300 - 400 l/min

2SHUDWLQJ SUHVVXUH URWDWLRQ 03D EDU

Recommended pump capacity (rotation): 40 - 60 l/min

Models - P -		MQP-25-P	MQP-30-P	MQP-45-P	MQP-60-P
Weight (complete force with yoke)	kg	1990	2500	3250	4650
Weight (upper & lower jaws)	kg	860	1100	1510	2200
Closing force*	kN	735	880	1175	1370
Jaw opening	mm	790	880	980	1150
Width lower jaw	mm	400	470	515	560
Width upper jaw	mm	325	350	400	450
Height	mm	1980	2165	2355	2620
Jaw depth	mm	810	830	945	1050

Models - S -		MQP-25-S	MQP-30-S	MQP-45-S	MQP-60-S
Weight (complete force with yoke)	kg	1900	2375	3015	4400
Weight (upper & lower jaws)	kg	770	975	1275	2050
Closing force*	kN	2695	3040	3825	4315
Jaw opening	mm	370	410	465	540
Width lower jaw	mm	320	355	375	410
Width upper jaw	mm	100	120	120	120
Height	mm	1750	1910	2105	2355
Jaw depth	mm	560	600	700	750

Models - T -		MQP-25-T	MQP-30-T	MQP-45-T	MQP-60-T
Weight (complete force with yoke)	kg	2050	2560	3160	4325
Weight (upper & lower jaws)	kg	900	1160	1420	1975
Closing force*	kN	2650	3235	4170	5930
Jaw opening	mm	330	335	390	400
Width lower jaw	mm	265	305	305	355
Width upper jaw	mm	100	120	120	150
Height	mm	1910	2070	2260	2415
Jaw depth	mm	570	575	630	660

Models - U -		MQP-25-U	MQP-30-U	MQP-45-U	MQP-60-U
Weight (complete force with yoke)	kg	/	2575	3090	/
Weight (upper & lower jaws)	kg	/	1175	1350	/
Closing force*	kN	/	980	1325	/
Jaw opening	mm	/	590	690	/
Width lower jaw	mm	/	500	525	/
Width upper jaw	mm	/	280	310	/
Height	mm	/	2040	2210	/
Jaw depth	mm	/	7900	830	/

2-CYLINDER CONCRETE CRUSHERS

11 models I R U H [F D Y D W R U V Z L W K R S H U D W L Q J Z H L J K W I U R P 1 to 80 ton

Find out more

Not even the hardest job can withstand the MCK!

- Double motors for an excellent rotation and high power (MCK20 up).
- Double balls slewing ring (MCK20 up).
- Jaws highly resistant.
- High cutting power.
- Cylinder fully protected from possible debris during demolition.

APPLIES TO MCK 03/06/10

MCK01

F JAW - CRUSHER
APPLIES TO MCK03/06

S JAW-SHEAR-
APPLIES TO MCK03/06

MCK SERIES

Application Fields

Mining & Quarrying

Demolition & Renovation

Construction

Metallurgical Industry

Recycling

Models		NEW MCK01	MCK03-A	MCK06-A	MCK03-F	MCK06-F
Carrier weight	t	1-4	3-9	7-15	3-9	7-15
Weight	kg	175	300	650	300	650
Closing force	t**	38	50	60	50	60
Jaw opening	mm	390	400	680	400	680
Jaw depth	mm	400	430	600	430	600
Width upper jaw	mm	50	40	45	40	45
Height	mm	900	1150	1500	1150	1500
Length of cutting blades	mm	100	100	200	100	200
2 S H Q L Q J & O R V L Q J 3 P D [	bar*	220	260	320	260	320
Flow	l/min	20-50	30-50	70-120	30-50	70-120
5 R W D W L R Q 3 P D [	bar	120	100	100	100	100
Flow	l/min	10-25	10-30	10-30	10-30	10-30
% D F N S U H V V X U H P D [	bar	-	-	-	-	-
Cycle time Opening/Closing	sec	1.8/2.5	1.8/2.5	2.2/3.0	1.8/2.5	2.2/3.0

Models		MCK03-S	MCK06-S
Carrier weight	t	3-9	7-15
Weight	kg	300	650
Closing force	t**	50	60
Jaw opening	mm	225	375
Jaw depth	mm	430	600
Width upper jaw	mm	40	45
Height	mm	1220	1680
Length of cutting blades	mm	100	200
2 S H Q L Q J & O R V L Q J 3 P D [	bar*	260	320
Flow	l/min	30-50	70-120
5 R W D W L R Q 3 P D [	bar	100	100
Flow	l/min	10-30	10-30
% D F N S U H V V X U H P D [	bar	-	-
Cycle time Opening/Closing	sec	1.8/2.5	2.2/3.0

A JAW

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2-CYLINDER CONCRETE CRUSHERS

11 models I R U H [F D Y D W R U V Z L W K R S H U D W L Q J Z H L J K W I U R P 1 to 80 ton

Find out more

Not even the hardest job can withstand the MCK!

- Double motors for an excellent rotation and high power (MCK20 up).
- Double balls slewing ring (MCK20 up).
- Jaws highly resistant.
- High cutting power.
- Cylinder fully protected from possible debris during demolition.

APPLIES TO MCK 10 UP TO MCK 75

USED FOR CUTTING AND CRUSHING CONCRETE WITH STEEL REINFORCEMENT AND FOR CUTTING STEEL STRUCTURES, THE HAMMER DEMAPOWER CONCRETE CRUSHER HAS BEEN DEVELOPED FOR PRIMARY AND SECONDARY DEMOLITION.

L JAW-WOOD CUTTER
APPLIES TO MCK15

- Hydraulic system fully protected by the frame
- Perfect jaws geometry ensure that blades remain sharp longer
- Wearing jaws and blades easily replaceable on site
- Customized jaws are available for every customers need *optional

MCK SERIES

Application Fields

Mining & Quarrying | Demolition & Renovation | Construction | Metallurgical Industry | Recycling

NEW

Models		MCK10-A	MCK15-A	MCK15-L	MCK20-A	MCK25-A	MCK35-A
Carrier weight	t	10-17	14-20	14-20	18-25	20-35	25-45
Weight	kg	1200	1400	1400	2000	2425	3250
Closing force	t**	70	68	68	84	96	108
Jaw opening	mm	780	825	854	1000	1150	1360
Jaw depth	mm	690	780	780	865	935	1335
Width upper jaw	mm	50	55	55	60	70	80
Height	mm	1800	1980	1980	2195	2390	2545
Length of cutting blades	mm	200	200	200	200	250	300
2 S H Q L Q J & O R V L Q J	bar* D [	320	320	320	320	320	320
Flow	l/min	90-150	110-170	110-170	150-250	200-300	250-350
5 R W D W L R Q 3 P D [	bar	140	140	140	140	140	140
Flow	l/min	40-60	40-60	40-60	40-60	40-60	40-60
% D F N S U H V V X U H P D [	bar	-	-	-	-	-	-
Cycle time Opening/Closing	sec	2.4/3.1	2.3/3.0	2.3/3.0	2.3/3.0	2.5/3.4	3.3/3.6

Models		MCK45-A	MCK60-A	MCK75-A
Carrier weight	t	35-55	50-70	60-80
Weight	kg	4200	5300	6300
Closing force	t**	124	144	160
Jaw opening	mm	1500	1600	1750
Jaw depth	mm	1135	1235	1350
Width upper jaw	mm	90	100	100
Height	mm	2845	2995	3225
Length of cutting blades	mm	300	300	400
2 S H Q L Q J & O R V L Q J	bar* D [	320	320	320
Flow	l/min	300-500	400-600	500-700
5 R W D W L R Q 3 P D [	bar	140	140	200
Flow	l/min	40-60	40-60	60
% D F N S U H V V X U H P D [	bar	-	-	10**
Cycle time Opening/Closing	sec	3.2/3.4	2.8/3.9	2.8/3.8

OPTIONAL MCK10-A: crusher shroud kit MCK10-F

A JAW

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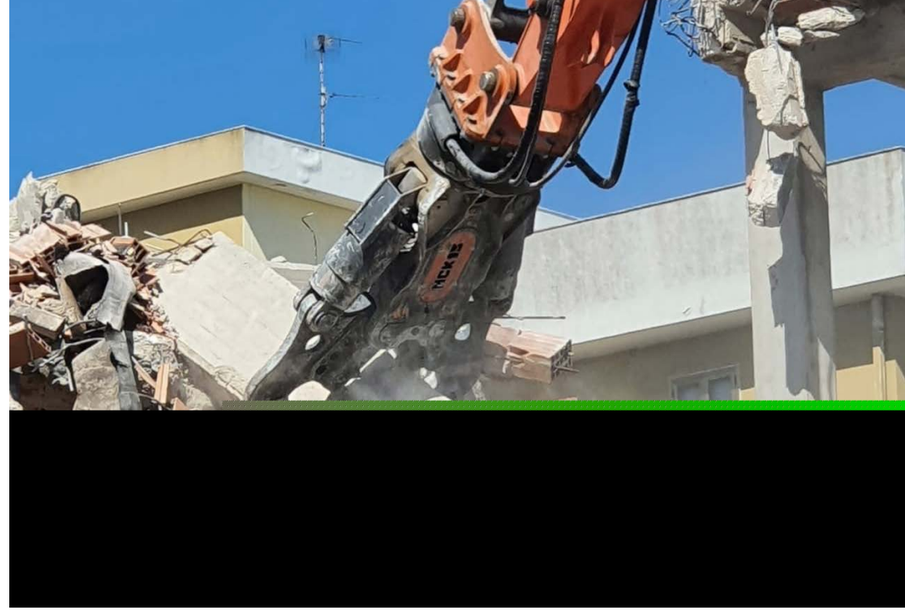
2-CYLINDER CONCRETE CRUSHERS

11 models I R U H [F D Y D W R U V Z L W K R S H U D W L Q J Z H L J K W I U R P 1 to 80 ton

Find out more



Not even the hardest job can withstand the MCK!

- Double motors for an excellent rotation and high power (MCK20 up).
- Double balls slewing ring (MCK20 up).
- Jaws highly resistant.
- High cutting power.
- Cylinder fully protected from possible debris during demolition.

USED FOR CUTTING AND CRUSHING CONCRETE WITH STEEL REINFORCEMENT AND FOR CUTTING STEEL STRUCTURES, THE HAMMER DEMAPOWER CONCRETE CRUSHER HAS BEEN DEVELOPED FOR PRIMARY AND SECONDARY DEMOLITION.

- Hydraulic system fully protected by the frame
- Perfect jaws geometry ensure that blades remain sharp longer
- Wearing jaws and blades easily replaceable on site
- Customized jaws are available for every customers need *optional

MCK SERIES

APPLIES TO MCK 15/20/25/ETC

Application Fields

Mining & Quarrying | Demolition & Renovation | Construction | Metallurgical Industry | Recycling

Models		MCK10-C	MCK15-C	MCK20-C	MCK25-C	MCK35-C	MCK45-C
Carrier weight	t	10-17	14-20	18-25	20-35	25-45	35-55
Weight	kg	1200	1400	2100	2425	3300	4320
Closing force	t**	70	68	84	96	108	124
Jaw opening	mm	780	825	1000	1150	1360	1500
Jaw depth	mm	690	780	865	935	1335	1135
Width upper jaw	mm	50	55	60	70	80	90
Height	mm	1800	1980	2195	2390	2545	2845
Length of cutting blades	mm	200	200	200	250	300	300
2 S H Q L Q J & O R V L Q J 3 P D [	bar	320	320	320	320	320	320
Flow	l/min	90-150	110-170	150-250	200-300	250-350	300-500
5 R W D W L R Q 3 P D [	bar	140	140	140	140	140	140
Flow	l/min	40-60	40-60	40-60	40-60	40-60	40-60
% D F N S U H V V X U H P D [	bar	-	-	-	-	-	-
Cycle time Opening/Closing	sec	2.4/3.1	2.3/3.0	2.3/3.0	2.5/3.4	3.3/3.6	3.2/3.4

Models		MCK60-C	MCK75-C
Carrier weight	t	50-70	60-80
Weight	kg	5440	6300
Closing force	t**	144	160
Jaw opening	mm	1600	1700
Jaw depth	mm	1235	1350
Width upper jaw	mm	100	100
Height	mm	2995	3225
Length of cutting blades	mm	300	400
2 S H Q L Q J & O R V L Q J 3 P D [	bar	320	320
Flow	l/min	400-600	500-700
5 R W D W L R Q 3 P D [	bar	140	200
Flow	l/min	40-60	60
% D F N S U H V V X U H P D [	bar	-	10**
Cycle time Opening/Closing	sec	2.8/3.9	2.8/3.8

C JAW

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