

Hydraulic Equipment
Industries



The Desire to Innovate and Create:
technically advanced solutions for material handling



Product Brochure, in association with...

HIGGINS BALERS LTD
RENEWING, REPAIRING, REPLACING

CONTENTS

Two-segmented Buckets

Pincers

Orange Peel Grabs (Polyps)

Shears

Demolition Equipment

Grabs

Rotators

This catalogue is only part of the range available. If you have any specific requests or can't see what you are looking for, please [contact us](#).



Hydraulic Equipment Industries

Minelli srl is a company specialized in the design and manufacture of hydraulic equipment such as polyps, tongs, clamshell buckets: everything that concerns the handling of bulk materials and scrap in general.

Over 30 years' experience, when combined with their desire to innovate, has enabled them to develop a range of technically advanced products, of very high quality, without losing the ability to be flexible and tailor equipment to customers specific requests and solve any problem for handling different materials.

Taking care to keep quality high, dimensions and weight low, whilst ensuring operating pressures, are what make this company unique, and successful.

With over 50 years' experience, Higgins Balers Ltd has grown and developed basing its principles on providing innovative solutions to customer's requirements in all aspects of the recycling industry.

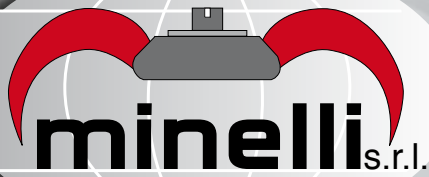


By providing professional, impartial advice and a full range of services Higgins Balers can ensure your system runs continuously and smoothly, no matter what waste you are dealing with. This company has the expertise required for all your recycling and waste management needs from initial contact to installation, continued support and servicing. They are able to cater for all your waste management needs.

www.higginsbalers.com

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Two-segment / Clamshell buckets



Hydraulic Equipment Industries

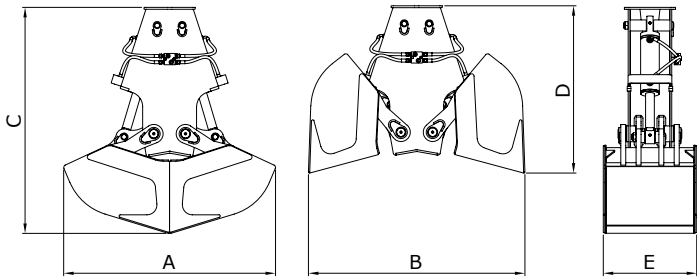
BENNE BIVALVE

HIGGINS BALERS LTD
RENEWING, REPAIRING, REPLACING

Technical Information

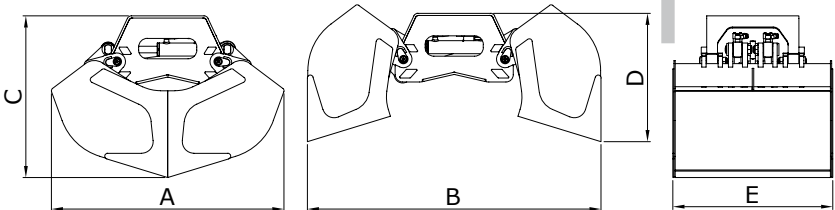
MODEL	CAPACITY		PRESSURE	WEIGHT	TEETH	CYLINDERS	FORCE	DIMENSIONS (mm)					MACHINE
	L	L	MAX BAR	Kg	No	No	N	A	B	C	D	E	MAX TON
MBV 30 S	280	300	320	850	5	2	110,000	1520	1600	1770	1340	520	13-35
MBV 40 S	350	400	320	900	5	2	110,000	1520	1740	1810	1340	660	19-35
MBV 50 S	450	520	320	1000	5	2	100,000	1700	1740	1810	1340	750	19-35
MBV 60 S	510	600	320	1110	5	2	95,000	1700	1740	1810	1340	850	20-40
MBV 80 S	700	800	320	1200	5	2	95,000	1800	1900	1880	1360	1000	20-40
MBV 100 S	880	1000	320	1300	7	2	95,000	1800	1900	1880	1360	1250	22-40

MBV-S



MBB

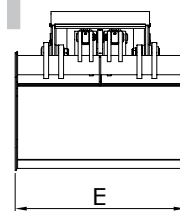
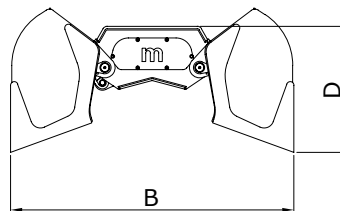
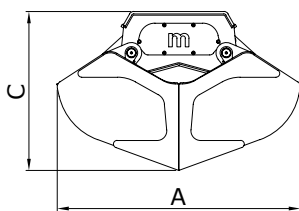
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	L	L	MAX BAR	Kg	No	No	N	A	B	C	D	E	MAX TON
MBB 2	550	600	300	800	5	2	28,000	1600	2020	1110	850	830	12-16
MBB 3	750	800	300	850	7	2	28,000	1600	2020	1110	880	1400	14-20
MBB 4	950	1050	300	900	7	2	28,000	1600	2020	1110	880	1400	19-23
MBB 5	1250	1350	300	950	7	2	28,000	1600	2020	1110	880	1820	19-23
MBB 6	1500	1600	300	1000	9	2	28,000	1600	2020	1110	880	2200	19-23



For Lose Materials

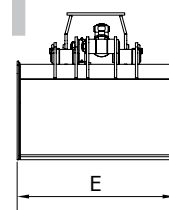
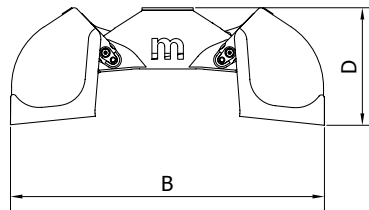
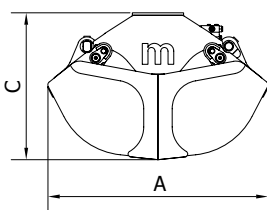
MBB-H

MODEL	CAPACITY		PRESSURE	WEIGHT	TEETH / WEIGHT	CYLINDERS	FORCE	DIMENSIONS (mm)					MACHINE
	L	L	MAX BAR	Kg	No	No	N	A	B	C	D	E	MAX TON
MBB 4 H	1000	1100	320	1400	5	2	49,000	2000	2310	1300	1030	1000	22-40
MBB 5 H	1400	1500	320	1500	7	2	49,000	2000	2310	1300	1030	1400	25-40
MBB 6 H	1800	2000	320	2200	7	2	93.000	2000	2270	1225	990	1950	28-45
MBB 7 H	2200	2500	320	2350	7	2	85.000	2000	2460	1340	1020	2100	28-45
MBB 8 H	2600	3000	320	2600	7	2	78.000	2100	2620	1420	1040	2150	30-45



MBO-H

MODEL	CAPACITY		PRESSURE	WEIGHT	TEETH / WEIGHT	CYLINDERS	FORCE	DIMENSIONS (mm)					MACHINE
	L	L	MAX BAR	Kg	No	No	N	A	B	C	D	E	MAX TON
MBO 20 H	160	200	300	290	5	1	24.000	1170	1650	780	620	500	5-8
MBO 25 H	220	250	300	310	5	1	24,000	1170	1650	780	620	670	6-10
MBO 30 H	270	300	300	340	5	1	24,000	1170	1650	780	620	830	8-12
MBO 40 H	340	400	300	380	7	1	22,000	1260	1750	830	630	930	8-12
MBO 50 H	410	500	300	420	7	1	22,000	1260	1750	830	630	1130	12-14
MBO 60 H	470	600	300	500	7	1	22,000	1260	1750	830	630	1300	12-14



Two-segment buckets



Hydraulic Equipment Industries

Minelli s.r.l. is a company specialized in the production of oil hydraulic equipment for the handling of loose materials, with particular reference to the scrap, ecology, recycling and demolition sectors.

The foundations of Minelli's products are its decades of experience, attention to customer needs, provision of customized technical solutions developed in collaboration with the main crane manufacturers and equipment operators together with the use of the best materials.

The company produces a broad range of equipment particularly developed to limit the weight and space required to operate without neglecting the lifting and transport capacity, the resistance to heavy duty tasks and maintaining the traditional quality standards of its products unchanged.

Minelli buckets are made of quality-certified steel, with hardened pins and bushings, and the segment blades are made of wear-proof steel.



Data and weight are indicative: the company reserve the right to make any improvements and changes required for good operation, without giving advance notice.

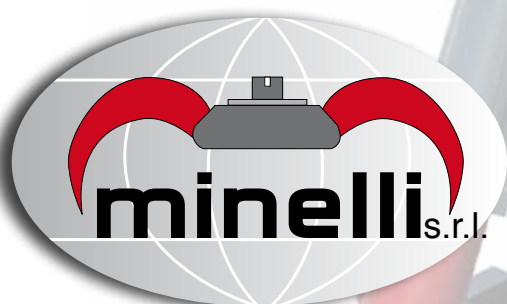


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'Orange Peel' Grabs / Polyps



Hydraulic Equipment Industries

POLIPI PER LA MOVIMENTAZIONE DI ROTTAME, RIFIUTI E MATERIALE VARIO



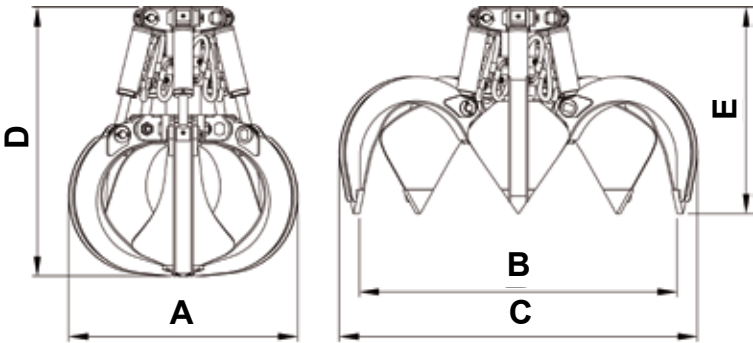
Vertical cylinders for
stronger 'grabs'

HIGGINS BALERS LTD
RENEWING, REPAIRING, REPLACING

Technical Information

MODEL	CAPACITY	PRESSURE	TEETH / WEIGHT			DIMENSIONS (mm)					MACHINE
	L	MAX BAR	No / Kg			A	B	C	D	E	MAX TON
MPV 120	120	250	4/140	5/160	-	770	110	1220	880	680	3 - 6

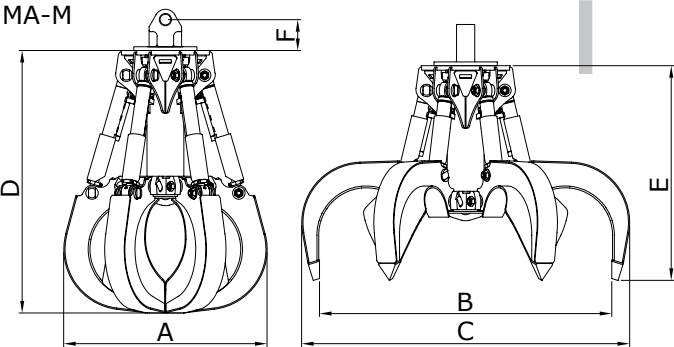
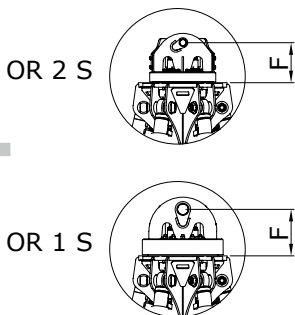
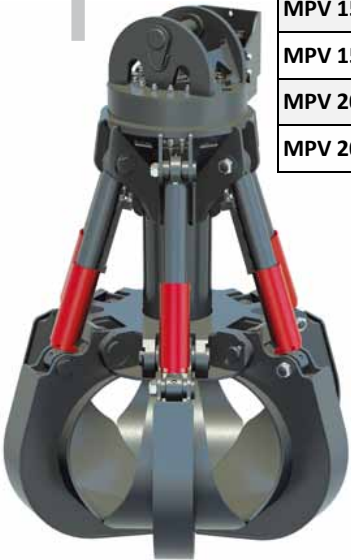
MPV 120



MPV - FH

Grabs with 4, 5 or 6 vertical cylinders from 500 to 1000 liters of capacity.

MODEL	CAPACITY	PRESSURE	TEETH / WEIGHT			DIMENSIONS (mm)						MACHINE
	L	MAX BAR	No / Kg			A	B	C	D	E	F	MAX TON
MPV 450 FH	450	350	4/1020	5/1070	6/1120	1300	1840	2050	1400	1400	210	16 - 24
MPV 450 FH OR 2 S	450	350	4/1100	5/1150	6/1200	1300	1840	2050	1680	1400	260	16 - 24
MPV 550 FH	550	330	4/990	5/1090	6/1190	1350	1940	2160	1740	1420	210	19 - 24
MPV 550 FH OR 2 S	550	330	4/1150	5/1250	6/1350	1350	1940	2160	1740	1420	260	19 - 24
MPV 600 FH	600	330	4/1130	5/1280	6/1430	1470	1990	2230	1730	1450	210	22 - 40
MPV 600 FH OR 1 S	600	330	4/1290	5/1440	6/1590	1470	1990	2230	1730	1450	310	22 - 40
MPV 700 FH	700	330	4/1230	5/1380	6/1530	1530	2130	2370	1800	1370	210	25 - 45
MPV 700 FH OR 1 S	700	330	4/1390	5/1540	6/1690	1530	2130	2370	1800	1370	310	25 - 45
MPV 800 FH	800	330	4/1340	5/1490	6/1640	1600	2180	2430	1780	1500	210	28 - 45
MPV 800 FH OR 1 S	800	330	4/1500	5/1650	6/1800	1600	2180	2430	1780	1500	310	28 - 45
MPV 1000 FH	1000	330	4/1430	5/1600	6/1770	1690	2470	2730	1930	1540	210	30 - 45
MPV 1000 FH OR 1S	1000	330	4/1590	5/1760	6/1930	1690	2470	2730	1930	1540	310	30 - 45
MPV 1500 FH	1500	330	-	5/2300	6/2500	1880	2830	3080	1990	1710	210	35 - 50
MPV 1500 FH OR 1S	1500	330	-	5/2460	6/2660	1880	2830	3080	1990	1710	310	35 - 50
MPV 2000 FH	2000	330	-	5/2600	6/2800	2080	3060	3340	2110	1750	210	35 - 50
MPV 2000 FH OR 1S	2000	330	-	5/2760	6/2960	2080	3060	3340	2110	1750	310	35 - 50



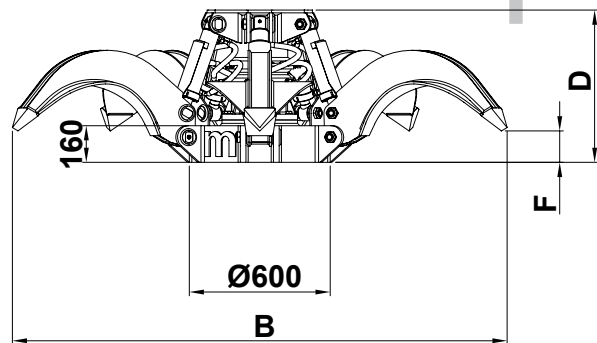
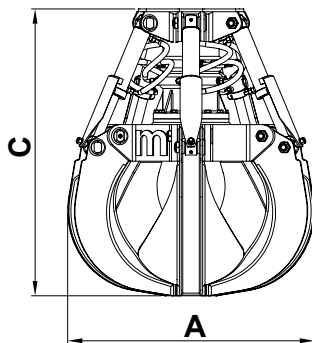
Vertical cylinders for stronger 'grabs'

MPV - P EL

MODEL	CAPACITY	WEIGHT	TEETH	PRESSURE	MAGNET	DIMENSIONS (mm)					CAPACITY	VOLT	POWER	MACHINE
	L	Kg	No	MAX BAR		A	B	C	D	F	Kg	V	kW	MAX TON
MPV 250/S P EL	250	620	5	270	600x160h	1080	2160	1190	670	110	4000	24	0.5	8 – 14
MPV 300/S P EL	300	650	5	270	600x160h	1110	2270	1250	670	140	4000	24	0.5	8 – 14
MPV 450/S P EL	450	800	5	270	600x160h	1280	2550	1340	660	140	4000	24	0.5	14 - 20



Grabs with built in magnets

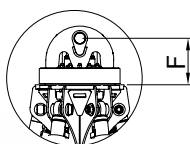


MODEL	CAPACITY	PRESSURE	TEETH / WEIGHT		FORCE	MAGNET	DIMENSIONS (mm)						CAPACITY	VOLT	POWER	MACHINE
	L	MAX BAR	No/Kg		TON	Ø	A	C	D	E	F	L	TON	V	kW	MAX TON
MPV 450 FH EL	450	330	4/1550	5/1600	2.2	800x200h	1380	2760	1640	1030	210	60	7	220	3.0	24 – 30
MPV 450 FH EL OR 1 S	450	330	4/2030	5/2080	2.2	800x200h	1380	2760	1640	1030	310	60	8	220	3.0	24 – 30
MPV 550 FH EL	550	330	4/1620	5/1680	2.1	800x200h	1380	2860	1700	1030	210	80	7	220	3.0	24 – 30
MPV 550 FH EL OR 1 S	550	330	4/2100	5/2160	2.1	800x200h	1380	2860	1700	1030	310	80	8	220	3.0	24 – 30
MPV 700 FH EL	700	330	4/1980	5/2130	1.9	900x250h	1580	3250	1740	960	210	80	7	220	4.5	25 - 45
MPV 700 FH EL OR 1 S	700	330	4/2630	5/2780	1.9	900x250h	1580	3250	1740	960	310	80	8	220	4.5	25 – 45
MPV 800 FH EL	800	330	4/2180	5/2340	1.8	1000x250h	1660	3370	1730	1090	210	80	7	220	5.5	28 – 45
MPV 800 FH EL OR 1 S	800	330	4/2940	5/3090	1.8	1000c250h	1660	3370	1730	1090	310	80	8	220	5.5	28 – 45
MPV 1000 FH EL	1000	330	4/2380	5/2450	1.6	1000x250h	1730	3650	1880	1090	210	150	7	220	5.5	30 – 45
MPV 1000 FH EL OR 1 S	1000	330	4/3130	5/3200	1.6	1000x250h	1730	3650	1880	1090	310	150	8	220	5.5	30 - 45

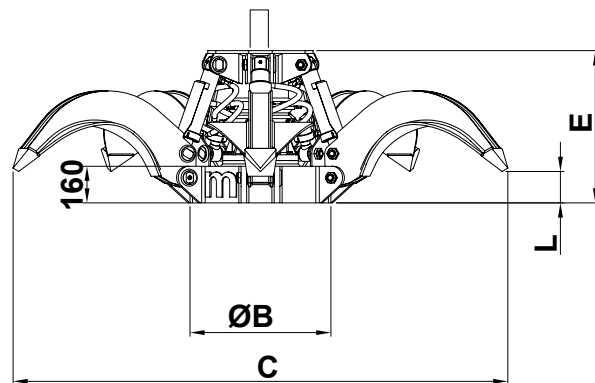
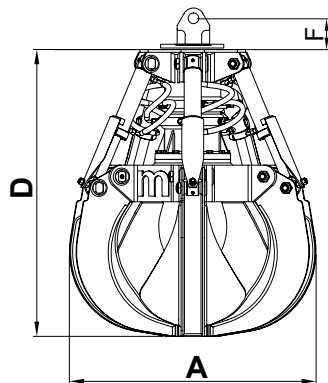
MPV - FH EL



OR 1 S



MA-M



'Orange Peel' Grabs / Polyps

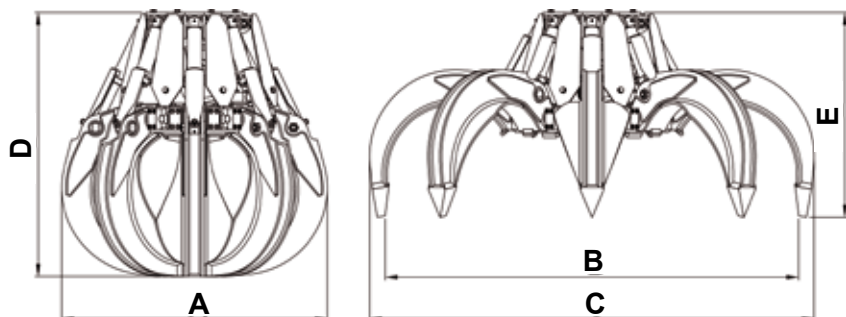


Hydraulic Equipment Industries

MODEL	CAPACITY	PRESSURE	TEETH / WEIGHT			DIMENSIONS (mm)					MACHINE
	L	MAX BAR	No / Kg			A	B	C	D	E	MAX TON
MPV 250 P	250	270	5/430	6/470	-	1020	1560	1720	1200	1020	8 – 14
MPV 300 P	300	270	5/460	6/500	-	1050	1680	1840	1260	1060	8 – 14
MPV 450 P	450	270	5/750	6/800	-	1280	1840	2050	1360	1090	14 – 20
MPV 650 P	650	270	-	6/850	-	1290	1900	2060	1400	1080	16 – 22
MPV 750 P	750	270	-	-	8/1150	1390	2160	2320	1380	1070	20 - 25

MPV - P

Grabs with vertical cylinders to combine large load capacity with compact dimensions, light weight and strength.



HARDOX

WELDOX

Data and weight are indicative: the company reserve the right to make any improvements and changes required for good operation, without giving advance notice.

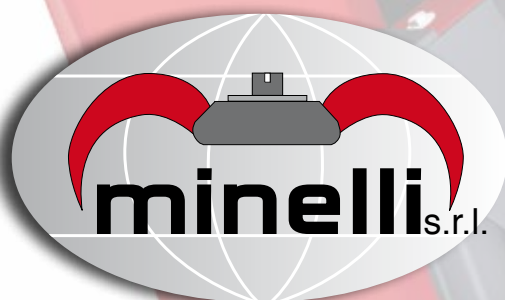


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'Orange Peel' Grabs / Polyps



Hydraulic Equipment Industries

POLIPER LA MOVIMENTAZIONE DI ROTTAME, RIFIUTI E MATERIALE VARIO

Horizontal cylinders for
compact, 'shorter' grabs

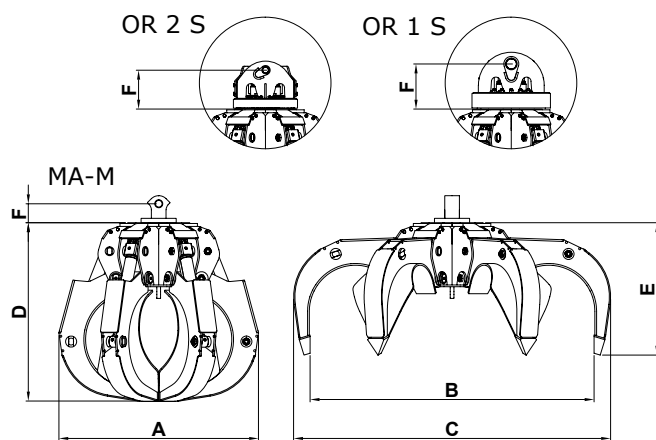
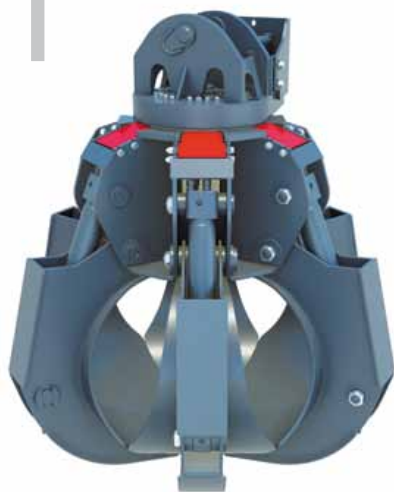


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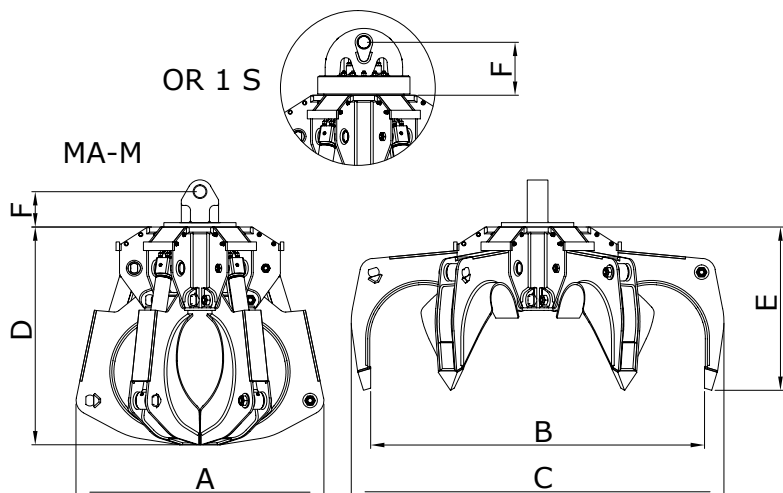
MPOS - PH

MODEL	ROTATORS	CAPACITY	PRESSURE	TEETH / WEIGHT			DIMENSIONS (mm)						MACHINE
	TON	L	MAX BAR	No / Kg			A	B	C	D	E	F	MAX TON
MPOS 350 PH	-	350	330	4/650	5/710	6/770	1320	1740	1930	1120	870	130	12 – 16
MPOS 350 PH-OR 2 S	10	350	330	4/720	5/780	6/880	1320	1740	1930	1120	870	270	12 – 16
MPOS 450 PH	-	450	330	4/670	5/760	6/830	1340	1840	2050	1170	890	130	14 – 20
MPOS 450 PH-OR 2S	10	450	330	4/780	5/870	6/940	1340	1840	2050	1170	890	270	14 – 20
MPOS 550 PH	-	550	330	4/740	5/830	6/920	1360	1940	2170	1220	910	130	19 – 23
MPOS 550 PH-OR 2S	10	550	330	4/850	5/950	6/1040	1360	1940	2170	1220	910	270	19 – 23
MPOS 550 PH-OR 1S	15	550	330	4/970	5/1070	6/1160	1360	1940	2170	1220	910	310	23 – 28



MODEL	ROTATORS	CAPACITY	PRESSURE	TEETH / WEIGHT			DIMENSIONS (mm)						MACHINE
	TON	L	MAX BAR	No / Kg			A	B	C	D	E	F	MAX TON
MPOS 600 FH	-	600	350	-	5/1070	6/1220	1600	1990	2230	1230	950	210	22 – 40
MPOS 600 FH-OR 1S	15	600	350	-	5/1230	6/1380	1600	1990	2230	1230	950	310	22 – 40
MPOS 700 FH	-	700	330	-	5/1170	6/1320	1600	2130	2380	1300	970	210	25 – 45
MPOS 700 FH-OR 1S	15	700	330	-	5/1330	6/1480	1600	2130	2380	1300	970	310	25 – 45

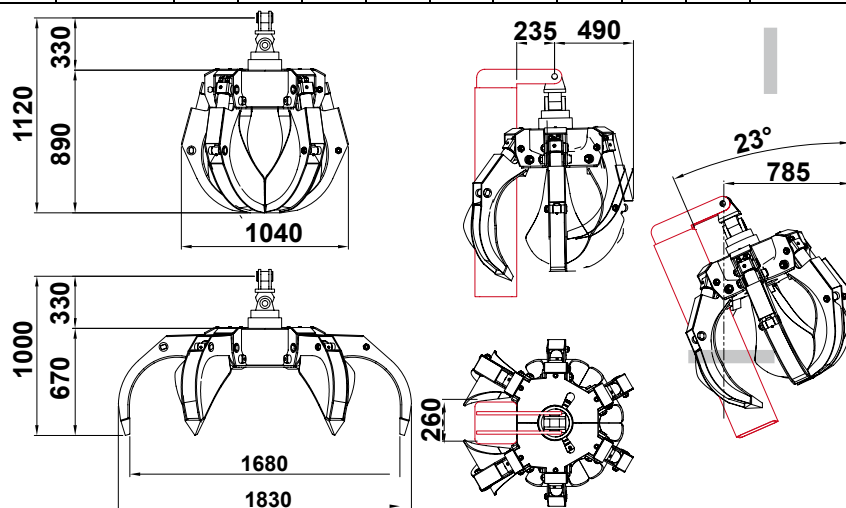
MPOS - FH



Horizontal cylinders for compact, 'shorter' grabs

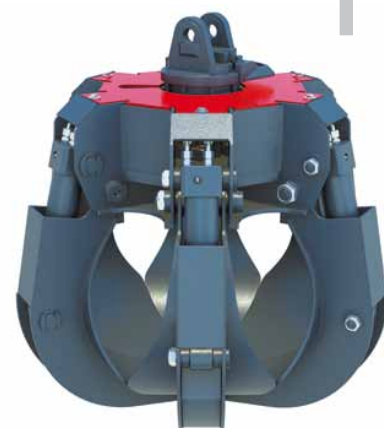
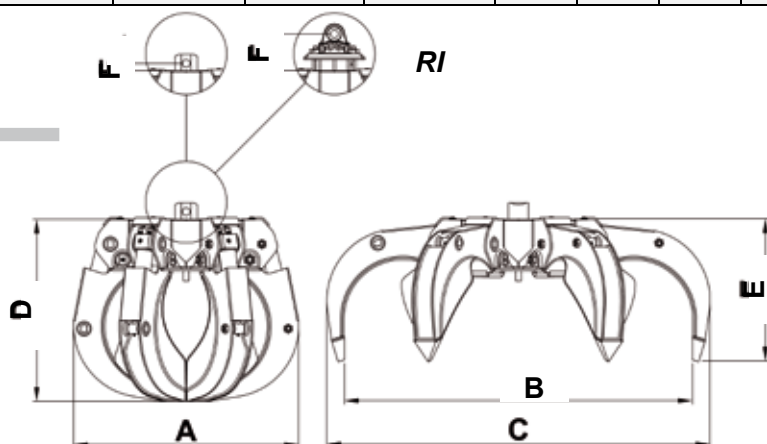
MPOS - PZL

MODEL	ROTATORS	CAPACITY	WEIGHT	TEETH	PRESSURE	DIMENSIONS (mm)									MACHINE
	TON	L	Kg	No	MAX BAR	A	B	C	D	E	F	G	H	I	MAX TON
MPOS 250/6 PZ	-	250	390	6	300	1010	1560	1720	820	650	330	230	640	890	7 – 12
MPOS 250/6 PZ RI	6	250	435	6	300	1010	1560	1720	820	650	330	230	640	890	7 – 12
MPOS 300/6 PZ	-	300	420	6	300	1040	1680	1830	890	670	330	230	650	935	8 – 12
MPOS 300/6 PZ RI	6	300	465	6	300	1040	1680	1830	890	670	330	230	650	935	8 – 12



MODEL	ROTATORS	CAPACITY	PRESSURE	TEETH / WEIGHT			DIMENSIONS (mm)						MACHINE
	TON	L	MAX BAR	No / Kg			A	B	C	D	E	F	MAX TON
MPOS 140 P	-	140	300	4/240	-	-	920	1260	1420	680	620	30	5 – 8
MPOS 140 P RI	4	140	300	4/275	-	-	920	1260	1420	680	620	110	5 – 8
MPOS 180 P	-	180	300	-	5/300	-	970	1400	1570	760	640	30	6 – 10
MPOS 180 P RI	4	180	300	-	5/335	-	970	1400	1570	760	640	110	6 – 10
MPOS 180 P RI	6	180	300	-	5/345	-	970	1400	1570	760	640	130	6 – 10
MPOS 240 P	-	240	300	-	-	6/370	980	1450	1600	790	650	30	8 – 12
MPOS 240 P RI	6	240	300	-	-	6/415	980	1450	1600	790	650	130	8 – 12
MPOS 250 P	-	250	300	4/300	5/350	6/390	1010	1560	1720	840	670	30	8 – 12
MPOS 250 P RI	6	250	300	4/345	5/395	6/435	1010	1560	1720	840	670	130	8 – 12
MPOS 300 P	-	300	300	4/340	5/380	6/420	1050	1680	1840	910	690	30	8 – 12
MPOS 300 P RI	6	300	300	4/385	5/425	6/465	1050	1680	1840	910	690	130	8 – 12
MPOS 350 P	-	350	300	-	-	6/450	1120	1740	1920	940	700	30	8 – 12
MPOS 350 P RI	6	350	300	-	-	6/495	1120	1740	1920	940	700	130	8 – 12
MPOS 400 P	-	400	300	-	-	6/450	1080	1890	2040	1010	720	30	8 – 12
MPOS 400 P RI	6	400	300	-	-	6/495	1080	1890	2040	1010	720	130	8 – 12

MPOS - P



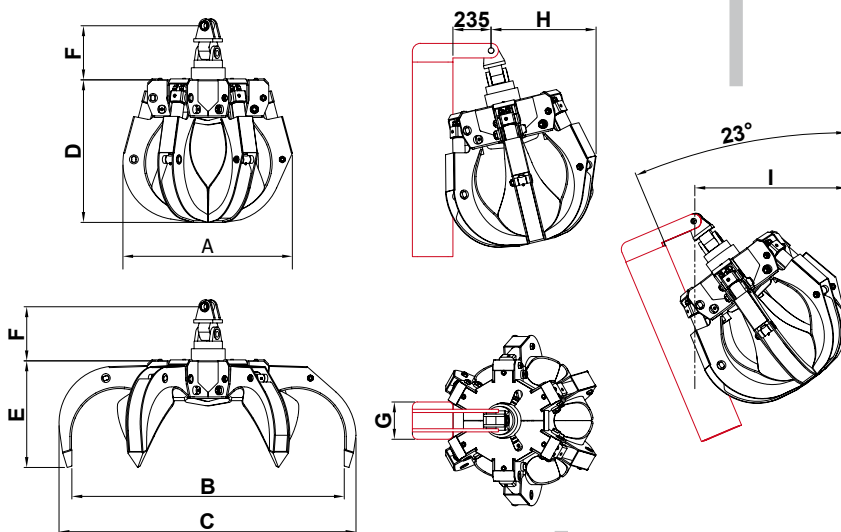
'Orange Peel' Grabs / Polyps



Hydraulic Equipment Industries

MPOS - PZ

MODEL	ROTATORS	CAPACITY	WEIG HT	TEETH	PRESSURE	DIMENSIONS (mm)										MACHINE
	TON	L	Kg	No	MAX BAR	A	B	C	D	E	F	G	H	I	MAX TON	
MPOS 250/6 PZ	-	250	390	6	300	1010	1560	1720	820	650	330	230	640	890	7 – 12	
MPOS 250/6 PZ RI	6	250	435	6	300	1010	1560	1720	820	650	330	230	640	890	7 – 12	
MPOS 300/6 PZ	-	300	420	6	300	1040	1680	1830	890	670	330	230	650	935	8 – 12	
MPOS 300/6 PZ RI	6	300	465	6	300	1040	1680	1830	890	670	330	230	650	935	8 – 12	



HARDOX

WELDOX

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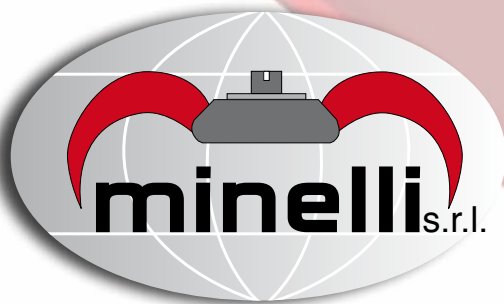


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Shears



Hydraulic Equipment Industries

CESOIE IDRAULICHE



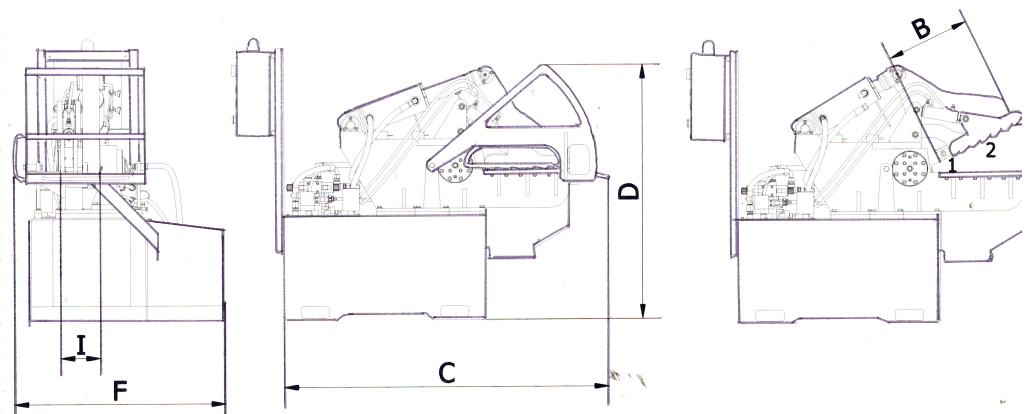
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Main Features

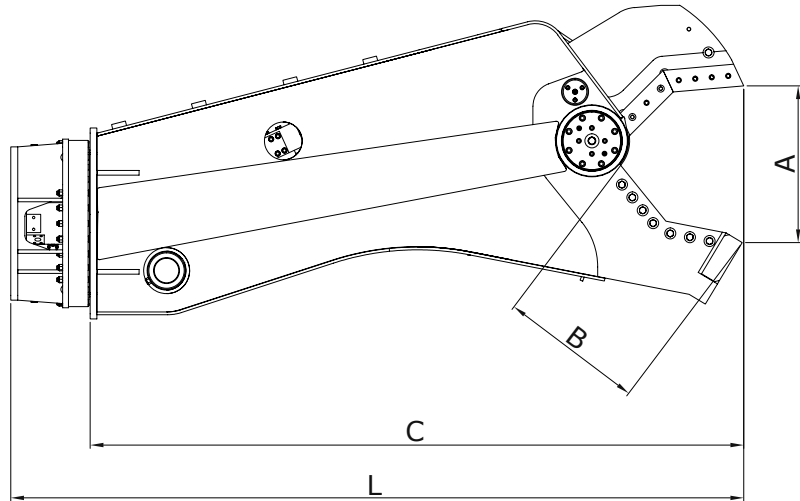
1. Product made from Hardox steel, material that combines excellent mechanical characteristics and high wear resistance.
2. Structure featuring internal cambered section and box-type exterior; one-piece fixed hook and movable hook. These characteristics added to the special steels used to make these products help limit torsion and force dispersion, thus improving cutting.
3. Special attention has been given to the mouth- instead of being geometry at the bottom to that material does not get jammed.
4. Angled split by the optimised cylinder for better distribution of the splitting force and a more compact equipment.
5. All main blades can be used on all 4 sides. The hook blade on 2.
6. Double guide for the moveable hook
7. Hardened and straightened alloy steel bushings and bolt.
8. Cylinder with brake, hardened and chrome-plated rod, Hardox head, working pressure up to 400 bar.
9. Speed valve
10. 'Protective' design: All hydraulic components are inside the machine body.
11. 'wide and clean', it shows a new 360° continuous rotation unit.

ACCESSORIES

MODEL				
	OR - V	BP	SELLA POSTO BENNA	SELLA POSTO BRACCIO
MC 290			●	●
MC 290 R		●	●	●
MC 570			●	●
MC 570 R	●		●	●
MC 660			●	●
MC 660 R	●		●	●
MC 740 *			●	●
MC 740 R *	●		●	●



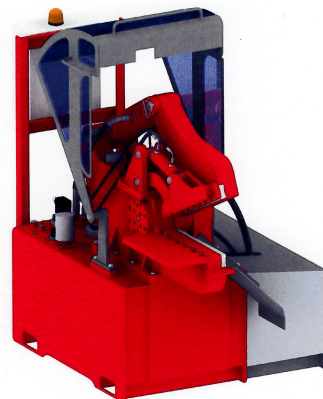
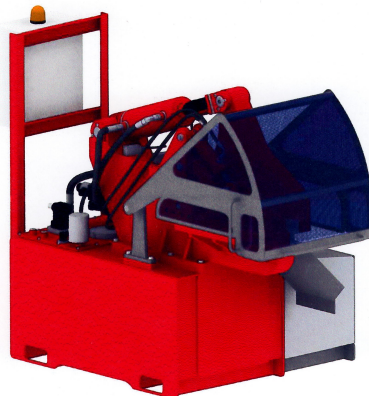
Technical Information



MC

MODEL	WEIGHT	FORCE	DIMENSIONS (mm)				PRESSURE	REC OIL FLOW	EXCAVATOR WEIGHT FIRST ARM-PLACE	EXCAVATOR WEIGHT BUCKET
	Kg	T	A	B	C	L	BAR	L/min	MAX-BAR	MAX-TON
MC 290	250	110/40/30	290	260	1240	-	320	80-120	2.5 – 5.0	5 – 9
MC 290 R	340	110/40/30	290	260	1240	1455	320	80-120	2.5 – 5.0	5 – 9
MC 570	1550	280/100/70	570	510	2350	-	350	190/260	12 – 16	18 – 27
MC 570 R	1900	280/100/70	570	510	2350	2690	350	190/260	12 – 16	18 – 27
MC 660	2850	550/190/130	660	610	2810	-	350	220-320	20 – 28	30 – 40
MC 660 R	3200	550/190/130	660	610	2810	3150	350	220-320	20 – 28	30 – 40
MC 740 *	4000	690/240/160	740	680	3110	-	350	280-400	25 – 35	35 – 50
MC 740 R*	4400	690/240/160	740	680	3110	3600	350	280-400	25 – 35	35 – 50

* Drainage



MCF

MODEL	WEIGHT	FORCE	DIMENSIONS (mm)						PRESSURE	REC OIL FLOW	TIME	
	Kg	T	A	B	C	D	F	I	BAR	L/min	CLOSE (s)	OPEN (s)
MCF 500	2000	90/40/20	300	500	1930	1520	1260	240	250	65	1.3	1.2

Shears



Hydraulic Equipment Industries

The design and manufacturing vision of Minelli s.r.l. is fully accomplished in the company's new range of shears – the MC & MC R series. Top of the range performance and excellent size – weight – power ratio make these shears stand out.

Special steels have been used for these products (Minelli shears are fully made from Hardox steel) and special attention has been given to structure. The result is highly firm and sturdy equipment, with enhanced cutting force.

All shears can be supplied featuring a continuous 360° hydraulic rotation and saddle to be coupled to excavators or loaders.



Data and weight are indicative: the company reserve the right to make any improvements and changes required for good operation, without giving advance notice.

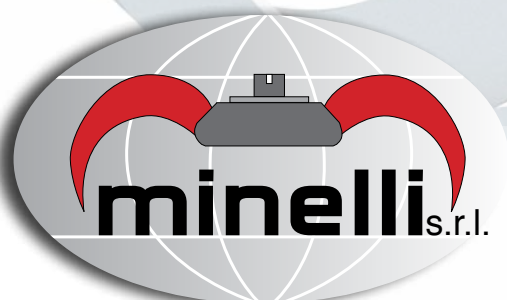


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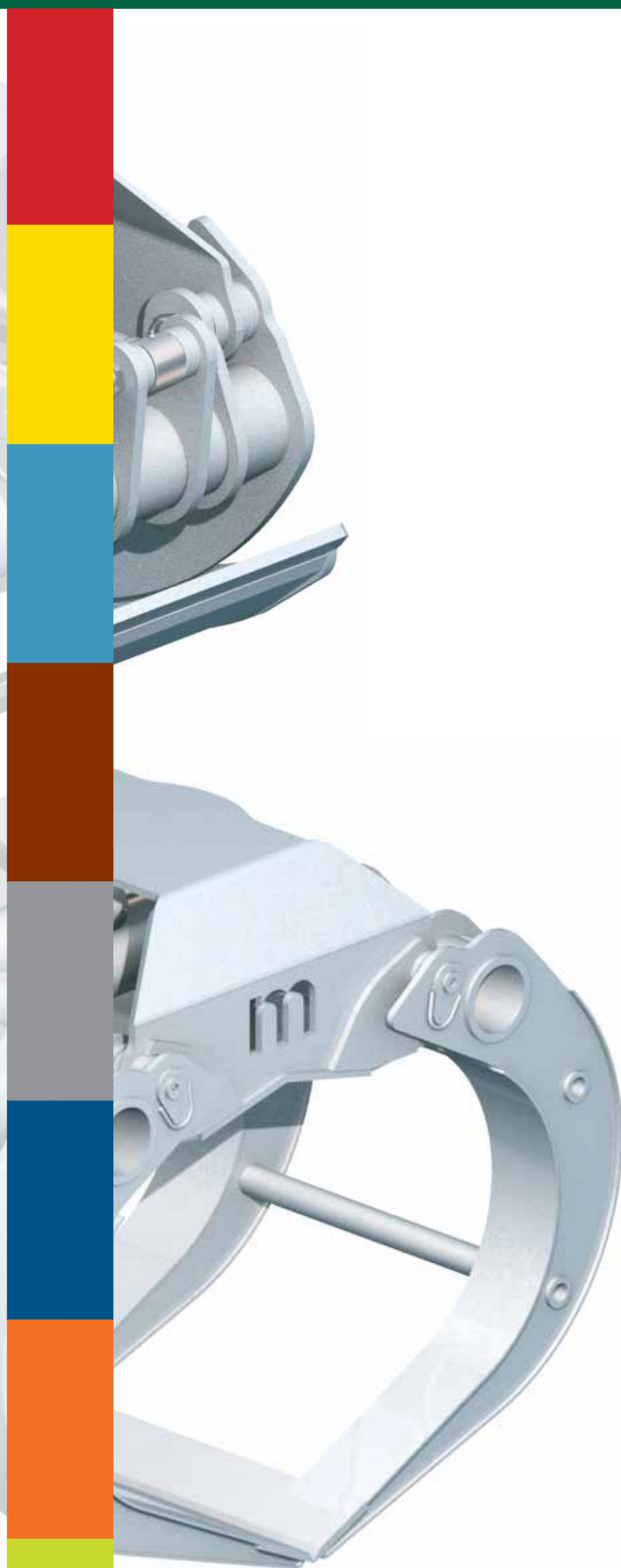
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Pincers and Grabs



Hydraulic Equipment Industries

PINZE PER LA MOVIMENTAZIONE DI TRONCHI E MATERIALI VARI

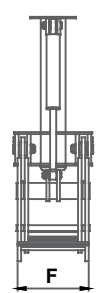
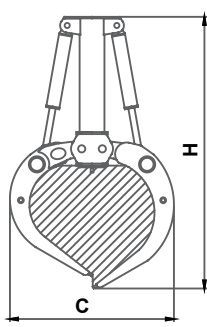
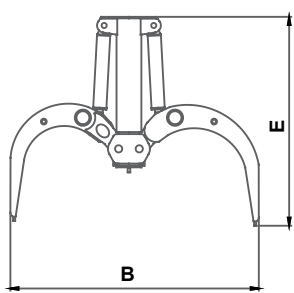
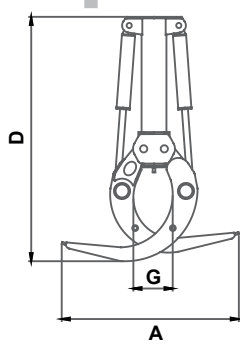


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RENEWING, REPAIRING, REPLACING

Technical Information

MODEL	SURFACE	PRESSURE	WEIGHT	CYLINDERS	FORCE	DIMENSIONS (mm)								MACHINE
	M ²	MAX BAR	Kg	No	N	A	B	C	D	E	F	G	H	MAX TON
MPT 1 VK	0.7	280	1000	2	80,000	1370	2040	1470	2235	1860	700	375	2430	35
MPT 2 VK	1.0	280	1100	2	70,000	1745	2440	1615	2400	2010	700	385	2670	35
MPT 3 VK	1.3	280	1200	2	60,000	2010	2745	1840	2555	2120	700	430	2860	35

MPT VK



MPT

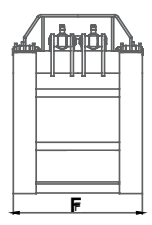
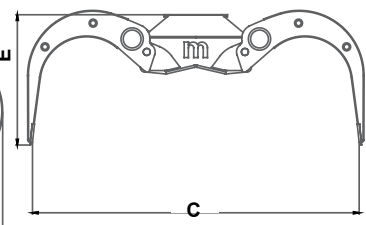
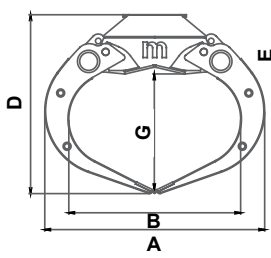
MODEL	SURFACE	PRESSURE	WEIGHT	CYLINDERS	FORCE	DIMENSIONS (mm)								MACHINE
	M ²	MAX BAR	Kg	No	N	A	B	C	D	E	F	G	MAX TON	
MPT 5	0.7	250	760	2	34,000	1445	1090	2065	1115	885	920	665	18	
MPT 5 R	0.7	250	840	2	34,000	1445	1090	2065	1115	885	920	665	18	
MPT 5 C	0.7	250	830	2	34,000	1445	1090	2065	1115	885	920	665	18	
MPT 6	1.0	250	830	2	30,000	1570	1225	2330	1275	930	920	825	25	
MPT 6 R	1.0	250	910	2	30,000	1570	1225	2330	1275	930	920	825	25	
MPT 6 C	1.0	250	900	2	30,000	1570	1225	2330	1275	930	920	825	25	
MPT 7	1.4	250	900	2	25,000	1990	1610	2660	1470	1025	920	1025	30	
MPT 7 R	1.4	250	980	2	25,000	1990	1610	2660	1470	1025	920	1025	30	
MPT 7 C	1.4	250	970	2	25,000	1990	1610	2660	1470	1025	920	1025	30	



"R"

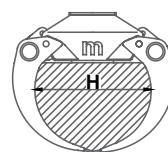
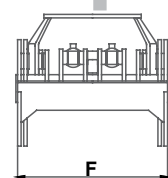
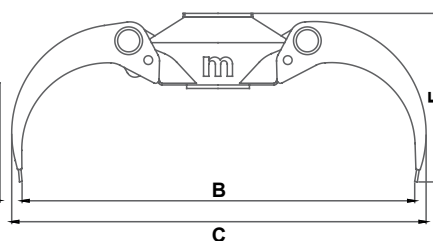
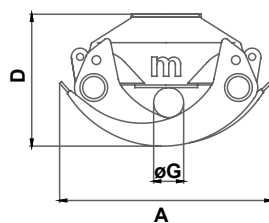
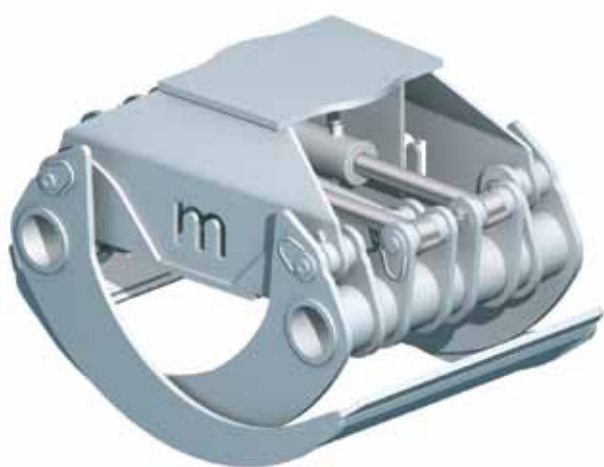


"C"



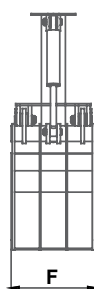
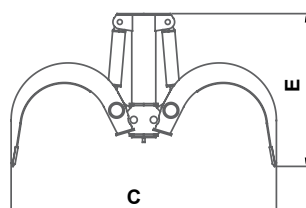
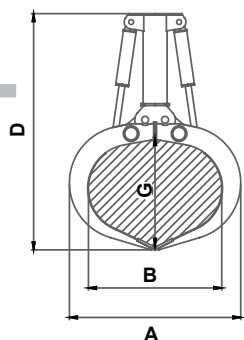
MPT-W

MODEL	SURFACE	PRESSURE	WEIGHT	CYLINDERS	FORCE	DIMENSIONS (mm)								MACHINE
	M ²	MAX BAR	Kg	No	N	A	B	C	D	E	F	G	H	MAX TON
MPT 15 W	0.15	200	100	1	10,000	680	1170	1230	490	600	400	90	460	5
MPT 20 W	0.20	200	120	1	8,000	680	1390	1430	570	630	400	140	500	5
MPT 25 W	0.25	300	230	1	16,000	900	1625	1700	620	790	500	105	655	14
MPT 35 WL	0.35	300	300	1	16,000	1050	1890	2000	700	860	500	140	730	14
MPT 35 W	0.35	300	420	2	20,000	975	1860	1960	710	875	650	120	750	21
MPT 60 W	0.60	300	610	2	30,000	1220	2250	2390	760	965	860	165	1000	28
MPT 70 W	0.70	300	750	2	28,000	1375	2540	2630	860	960	860	210	1015	30



MODEL	SURFACE	PRESSURE	WEIGHT	CYLINDERS	FORCE	DIMENSIONS (mm)							MACHINE
	M ²	MAX BAR	Kg	No	N	A	B	C	D	E	F	G	MAX TON
MPT 2 VC	0.80	280	1400	2	70,000	1445	1080	2400	2235	1505	860	940	35
MPT 3 VC	1.20	280	1500	2	60,000	1745	1360	2700	2400	1555	860	1105	35

MPT-VC



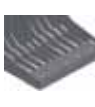
Pincers and Grabs



Hydraulic Equipment Industries

ACCESSORIES

MODEL									
	MA-M	MA-F	GM-F	OM	RI-GV	OR	OR-VS	STRAIGHT BLADE	TOOTHED BLADE
MPT	●	●	●		●	●	●		
MPT W	●	●	●	●	●	●	●	●	●
MPT WC	●	●	●			●			
MPT VK	●	●	●			●			

MODEL										
	MA-SM	MA-SF	MA-FF	MA-MF	MA-MM	VALVE BLOCK	HOOKS	BOLTED BLADE	CLOSED TOOTH 'C'	GRILLED TOOTH 'R'
MPT	●	●	●	●	●	●	●		●	●
MPT W	●	●	●	●	●	●	●			
MPT WC	●	●	●	●	●	●	●	●		
MPT VK	●	●	●	●	●	●	●	●		

HARDOX

WELDOX

Data and weight are indicative: the company reserve the right to make any improvements and changes required for good operation, without giving advance notice.



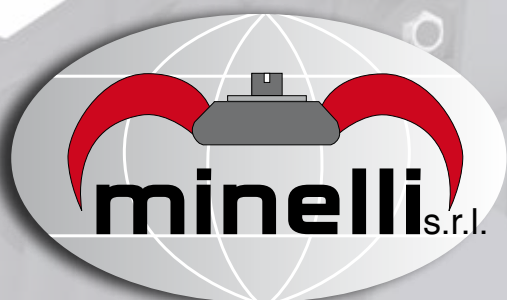
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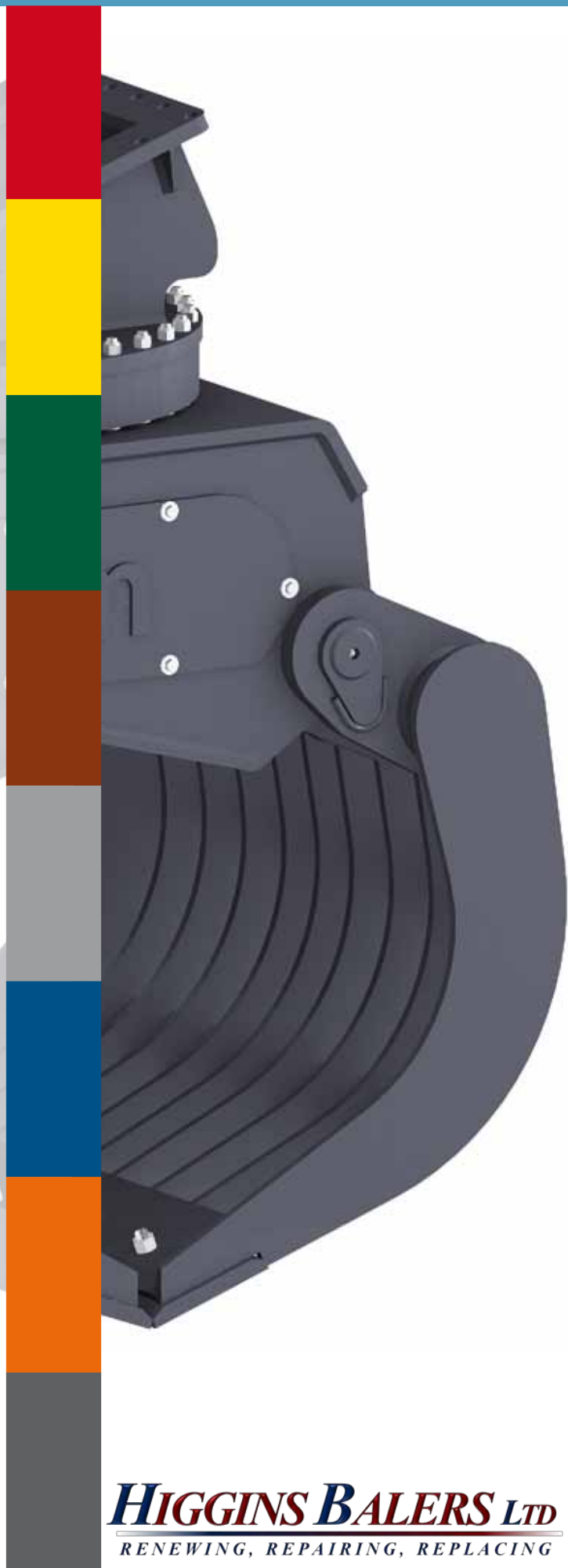
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Demolition Equipment



Hydraulic Equipment Industries

ATTREZZATURE PER LA SELEZIONE, DEMOLIZIONE E MOVIMENTAZIONE DI MATERIALI VARI

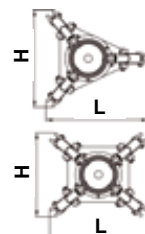
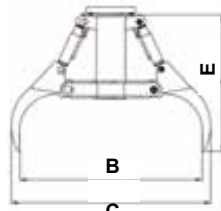
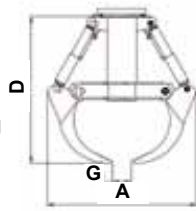


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RENEWING, REPAIRING, REPLACING

Technical Information

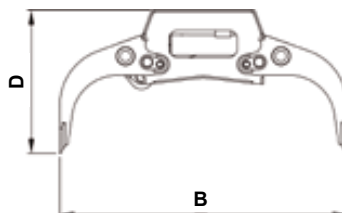
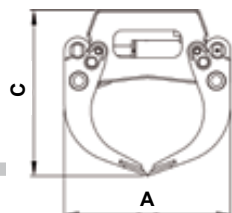
MPM

MODEL	PRESSURE	WEIGHT	TEETH	FORCE	DIMENSIONS (mm)									MACHINE
	MAX BAR	Kg	No	N	A	B	C	D	E	F	G	H	L	MAX TON
MPM 1/3	350	770	3	35,000	1555	1600	1780	1390	1410	540	90	1280	1330	18 – 30
MPM 1/4	350	980	4	35,000	1555	1600	1780	1390	1410	540	90	1100	1280	10 – 30
MPM 2/3	350	840	3	30,000	1555	1910	2090	1540	1430	560	200	1280	1330	20 – 45
MPM 2/4	350	1050	4	30,000	1555	1910	2090	1540	1430	560	200	1100	1280	20 – 45
MPM 3/3	350	980	3	24,000	1600	2500	2700	1830	1480	610	355	1615	1690	20 – 45
MPM 3/4	350	1230	4	24,000	1600	2500	2700	1830	1480	610	355	1390	1615	20 - 45



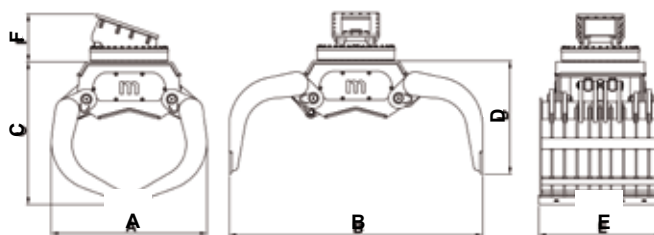
MBD

MODEL	CAPACITY	PRESSURE	WEIGHT	CYLINDERS	FORCE	DIMENSIONS (mm)						MACHINE
	L	MAX BAR	Kg	No	N	A	B	C	D	E	MAX TON	
MBD 50	50	300	160	1	18,000	740	1200	690	620	380	3 – 5	
MBD 100	100	300	180	1	14,000	830	1450	820	650	380	3 – 5	
MBD 250	250	300	350	1	22,000	1180	1750	850	660	600	5 – 10	
MBD 350	350	300	400	1	22,000	1180	1750	850	660	850	7 – 12	
MBD 450	450	300	500	1	22,000	1180	1750	850	660	1000	10 - 14	



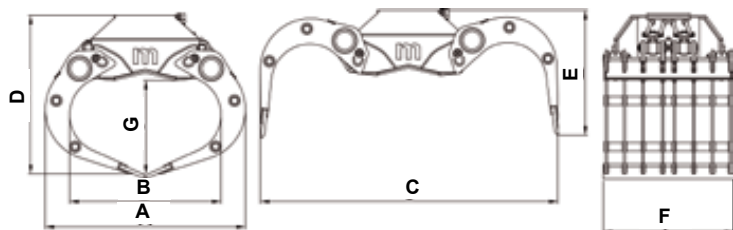
MB-SG

MODEL	ROTATORS	CAPACITY	PRESSURE	WEIGHT	CYLINDERS	FORCE	DIMENSIONS (mm)						MACHINE
	TON	L	MAX BAR	Kg	No	N	A	B	C	D	E	F	MAX TON
MB 5 SG	-	520	320	1000	2	55,000	1380	2070	1140	910	920	-	45
MB 5 SG OR-V	15	520	320	1300	2	55,000	1380	2070	1140	910	920	440	45
MB 8 SG	-	800	320	1200	2	50,000	1420	2230	1230	940	1100	-	45
MB 8 SG OR-V	15	800	320	1500	2	50,000	1420	2230	1230	940	1100	440	45
MB 12 SG	-	1200	320	1500	2	46,000	1530	2400	1320	970	1300	-	45
MB 12 SG OR-V	15	1200	320	1800	2	46,000	1530	2400	1320	970	1300	440	45



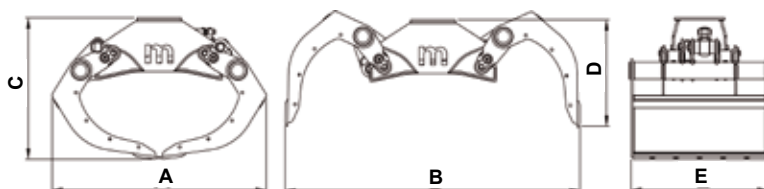
MODEL	SURFACE	PRESSURE	WEIGHT	CYLINDERS	FORCE	DIMENSIONS (mm)							MACHINE
	M²	MAX BAR	Kg	No	N	A	B	C	D	E	F	G	MAX TON
MPT 5 R	0.7	250	840	2	34,000	1445	1090	2065	1115	855	920	665	18
MPT 6 R	1.0	250	910	2	30,000	1570	1225	2330	1275	930	920	825	25
MPT 7 R	1.4	250	980	2	25,000	1990	1610	2660	1470	1025	920	1025	30

MPT-R



MBO-HD

MODEL	CAPACITY	PRESSURE	WEIGHT		CYLINDERS	FORCE	DIMENSIONS (mm)					MACHINE
	L	MAX BAR	Kg		No	N	A	B	C	D	E	MAX TON
MBO 20 HD	200	300	310	350	1	22,000	1300	1790	850	640	600	16
MBO 25 HD	250	300	330	370	1	22,000	1300	1790	850	640	700	16
MBO 30 HD	300	300	360	400	1	22,000	1300	1790	850	640	850	16
MBO 35 HD	350	300	400	440	1	22,000	1300	1790	850	640	1000	16
MBO 40 HD	400	300	420	460	1	22,000	1300	1790	850	640	1200	16



Demolition Equipment



ACCESSORIES

Hydraulic Equipment Industries

MODEL												
	MA-M	MA-F	GM-F	OM	RI-GV	IR	RI-B	OR-V	OR	OR-VS	SELLA RI-B	SELLA OR-V
MPT R	●	●	●		●				●	●		
MPM	●	●	●	●		●			●	●		
MBD	●	●	●		●		●				●	
MB SG	●	●	●	●				●				●
MBO-HD	●	●	●		●		●				●	

MODEL											
	MA-M	MA-SF	MS-FF	MA-MF	MA-MM	MA-R	VALVE BLOCK	HOOKS	BOLTED BLADE	CLOSED TOOTH 'c'	GRILLED TOOTH 'R'
MPT R	●	●	●	●	●		●	●		●	●
MPM	●	●	●	●	●	●	●				
MBD	●	●	●	●	●		●	●	●	●	●
MB SG	●	●	●	●	●		●	●	●		
MBO-HD	●	●	●	●	●		●	●			

HARDOX

WELDOX

Data and weight are indicative: the company reserve the right to make any improvements and changes required for good operation, without giving advance notice.



Hydraulic Equipment Industries

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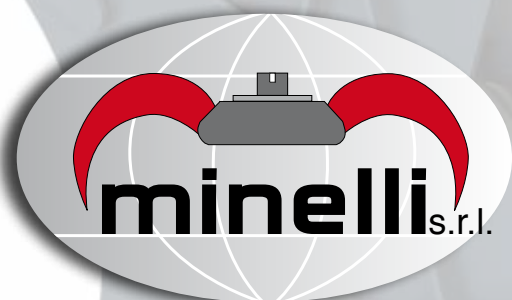
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Splitting Grabs



Hydraulic Equipment Industries

PINZE SPACCA TRONCHI

HIGGINS BALERS LTD
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Main Features

- 1 - Product made from Hardox steel, material that combines excellent mechanical characteristics and high wear resistance.
- 2 - Angled split by the optimised cylinder for better distribution of the splitting force and a more compact equipment.
- 3 - Hardened and straightened alloy steel bushings and bolt.
- 4 - Cylinder with brake, hardened and chrome-plated rod, working pressure up to 400 bar.
- 5 - 360° continuous rotation unit.

Upon request MST grabs can be supplied with rollers on the tooth and speed valve.

Log splitting advantages:

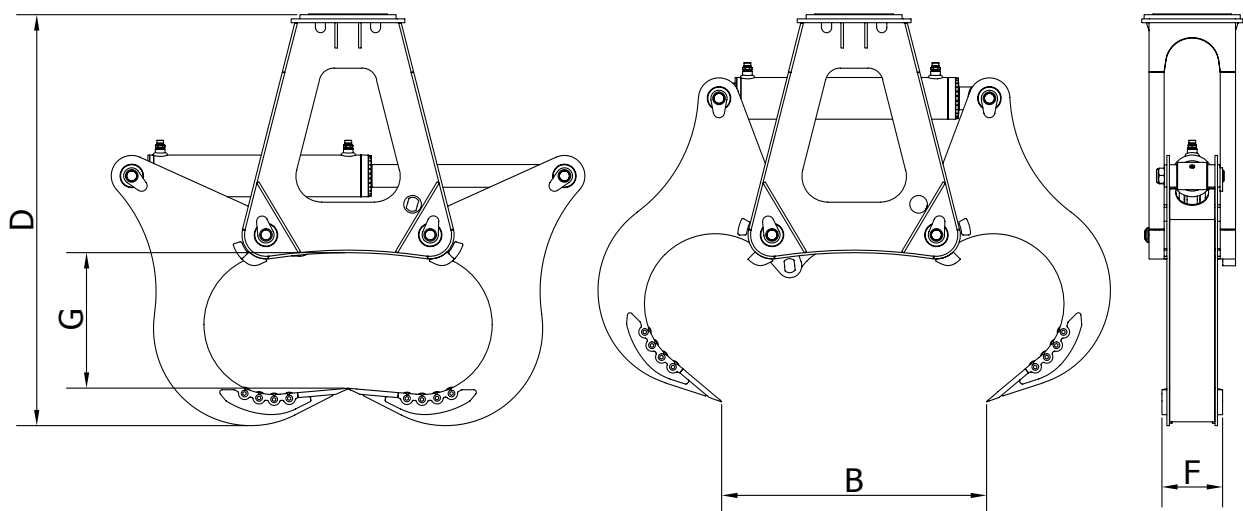
- 1 - Storage and also transport become easy tasks.
- 2 - The use of chippers or very small log splitters is facilitated and as a consequence, their productivity is increased.

ACCESSORIES

MODEL						
	MA-M	MA - F	GM - F	OR	OR - VS	OR - VS
MST 30	●	●	●	●	●	●
MST 40	●	●	●	●	●	●

MODEL				
	SELLA POSTO BENNA	SELLA POSTO BRACCIO	GANCI	LAMA IMBULLONATA
MST 30	●	●	●	●
MST 40	●	●	●	●

Technical Information



PINZE MST	MODEL	WEIGHT	PRESSURE	REC OIL FLOW	CYLINDERS	FORCE	DIMENSIONS (mm)				MACHINE
		Kg	MAX BAR	L/min C/A	No	TON	B	D	G	F	MAX TON
	MST 30	600	320	220 – 180	1	32	1050	1630	530	240	14 – 16
	MST 40	1050	320	380 – 300	1	52	1360	1900	600	310	18 – 25

Splitting Grabs



The design and manufacturing vision of Minelli s.r.l. is fully accomplished in the company's new range of log splitting grabs- the MST series.

Top of the range performance and excellent size – weight – power ratio make these grabs stand out. Special steels have been used for these products (log splitting grabs by Minelli are fully made from Hardox steel) and special attention has been given to structure. The result is highly firm and sturdy equipment, with enhanced cutting force.

All log splitting grabs by Minelli can be supplied featuring a continuous 360° hydraulic rotation and saddle to be coupled to cranes, excavators or loaders.



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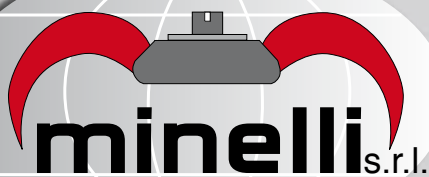


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Engine Removal Grabs



Hydraulic Equipment Industries

Grabs for recycling and handling waste in general.

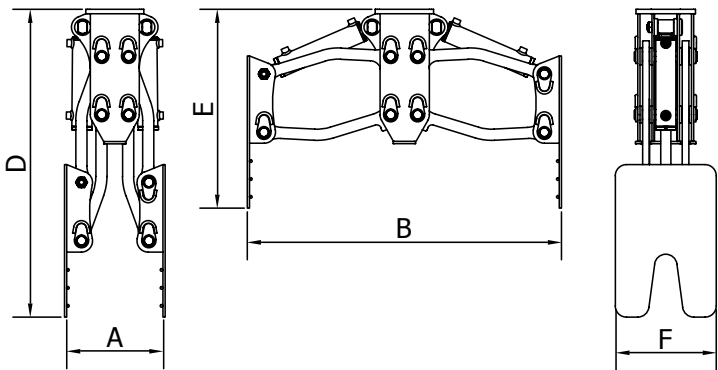
PINZE STRAPPAMOTORI - PINZE PER ECOLOGIA E MOVIMENTAZIONE RIFIUTI

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Technical Information

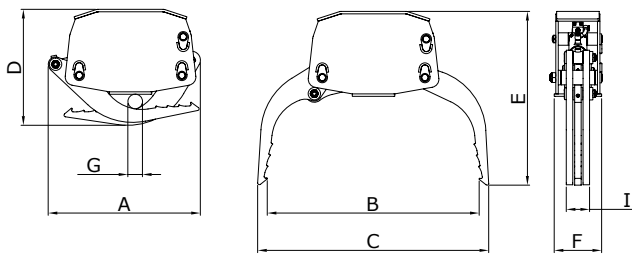
MPF

MODEL	PRESSURE	WEIGHT	CYLINDERS	FORCE	DIMENSIONS (mm)					MACHINE
	MAX BAR	Kg	No	N	A	B	D	E	F	MAX TON
MPF 10	280	1040	2	18,000	430	1400	1370	890	450	8 - 14



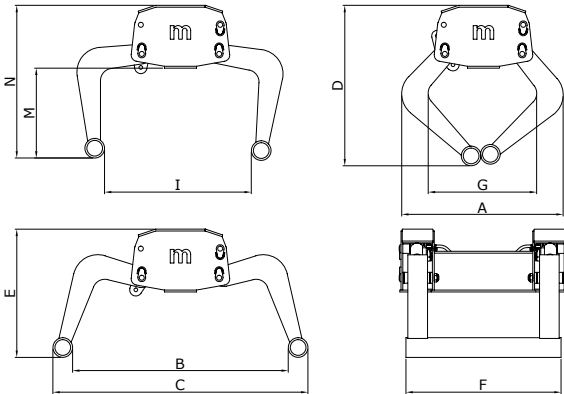
MODEL	PRESSURE	WEIGHT	CYLINDERS	FORCE	DIMENSIONS (mm)							MACHINE
	MAX BAR	Kg	No	N	A	B	C	D	E	F	G	MAX TON
MPP 1S	300	650	1	18,000	930	1230	1370	635	990	1360	85	12 - 20

MPP-S

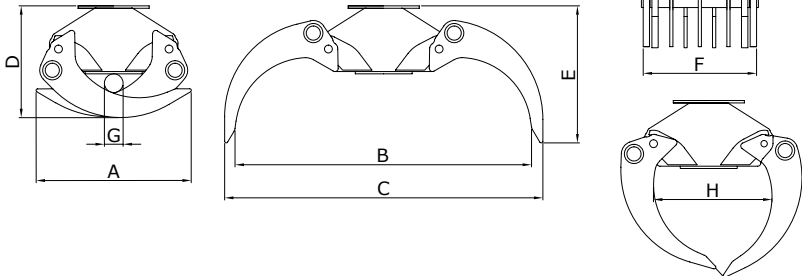


MPP - R

MODEL	PRESSURE	WEIGHT	CYLINDERS	FORCE	DIMENSIONS (mm)										MACHINE
	MAX BAR	Kg	No	N	A	B	C	D	E	F	G	I	M	N	MAX TON
MPP 1 R	300	1040	2	17,000	1310	1750	2070	1300	1040	1260	880	1200	730	1240	14 - 25



MODEL	SURFACE	PRESSURE	WEIGHT	CYLINDERS	FORCE	DIMENSIONS (mm)								MACHINE
	M ²	MAX BAR	Kg	No	N	A	B	C	D	E	F	G	H	MAX TON
MPT 35 WL R	0.35	300	450	1	16,000	1020	1860	2020	680	810	600	170	750	10 - 14



MPT-WL R

Engine Removal Grabs



Hydraulic Equipment Industries

Minelli s.r.l is a company specialized in the production of oil hydraulic equipment for the handling of loose materials, with particular reference to the scrap, ecology, recycling and demolition sectors.

The foundations of Minelli's products are its decades of experience, attention to customer needs, provision of customized technical solutions developed in collaboration with the main crane manufacturers and equipment operators together with the use of the best materials.

The company produces a broad range of equipment particularly developed to limit the weight and space required to operate without neglecting the lifting and transport capacity, the resistance to heavy duty tasks and maintaining the traditional quality standards of its products unchanged.

Minelli pincers are made of special high-tensile steel WELDOX 700 and HARDOX 400, with hardened pins and bushings, ball joints on the cylinders, and fork blades made of wear-proof steel.



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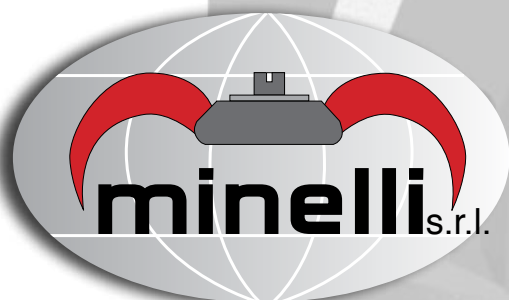


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Rotational

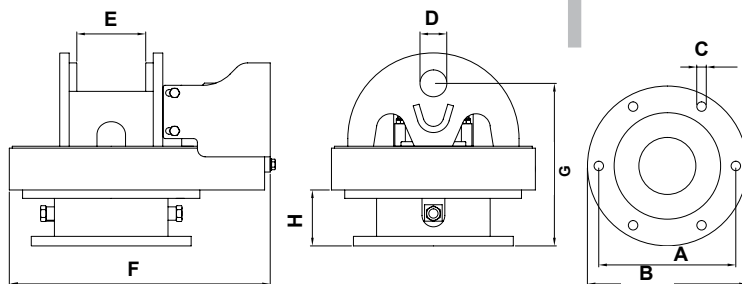


Hydraulic Equipment Industries

ROTAZIONI IDRAULICHE E MECCANICHE

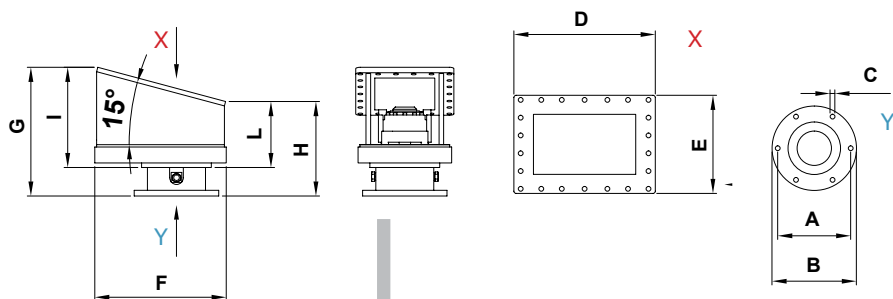
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Technical Information



OR

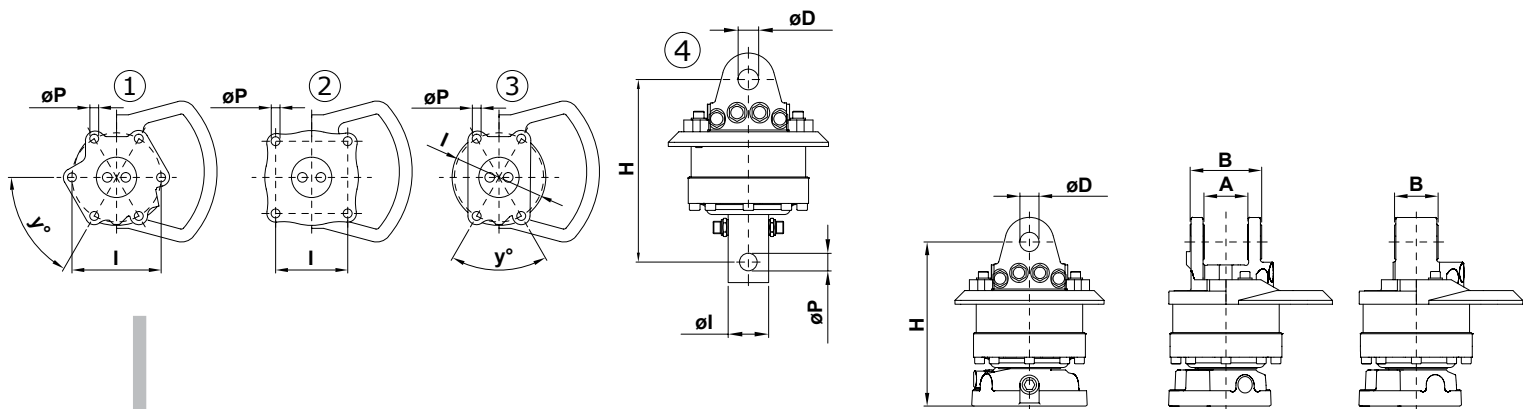
MODEL	WEIGHT	LOAD CAPACITY	DIMENSIONS (mm)								MACHINE
			L	A	B	C	D	E	F	G	H
OR 1/36	320	20	360	420	6/ø25	70	181	690	430	150	22 - 45
OR 1/32	320	20	320	370	6/ø25	70	181	690	430	150	22 - 45
OR 2/24	180	10	320	370	6/ø25	50	122	590	495	145	14 - 26
OR 2/20	180	10	320	370	6/ø21	50	122	590	495	145	14 - 26
OR 3	170	10	192	220	6/ø19	50	122	590	570	220	13 - 19



MODEL	WEIGHT	LOAD CAPACITY	DIMENSIONS (mm)									
			A	B	C	D	E	F	G	H	I	L
OR 1 V	450	15	360	420	6/ø25	620	430	700	610	490	180	330
OR 2 V	280	10	320	370	6/ø21	620	430	600	570	420	440	290
OR 7 V	250	15	675	710	32/ø17	620	430	-	-	-	440	290
OR 8 V	300	20	820	850	36/ø17	620	430	-	-	-	440	290

OR - V





GV-B

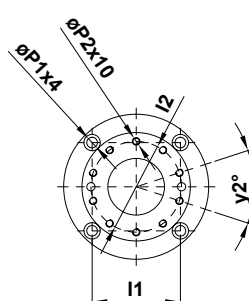
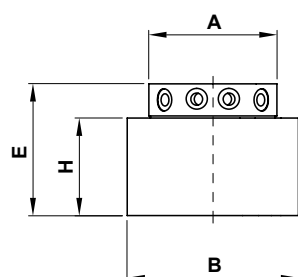
MODEL	WEIGHT	LOAD CAPACITY	DIMENSIONS (mm)							
	Kg	L	A	B	D	H	TYPE	I	Y	P
GV 3	24	3.0 - 1.2	-	75.0	30	237.0	2	140.0	-	17
B 3	18	3.0 - 1.5	-	73.0	25	249.0	4	49.5	-	25
B 4	27	4.5 - 2.5	-	73.0	25	255.0	3	173.0	60°	17
GV 4	34	4.5 - 2.5	81.0	131.0	35	281.0	2	140.0	-	17
B 6	43	6.0 - 3.0	80.5	130.5	35	297.0	1	173.0	60°	17
GV 6	44	6.0 - 2.5	80.5	131.0	35	300.0	1	173.0	60°	17
GV 6-69	37	6.0 - 2.5	80.5	131.0	35	311.0	4	69.0	-	30
B 10	59	10.0 - 5.0	80.5	130.5	35	331.5	1	173.0	60°	17
GV 12	58	10.0 - 5.0	101.0	173.0	45	333.0	1	173.0	60°	M16
B 12	70	12.0 - 6.0	100.5	170.0	45	362.0	1	173.0	60°	17



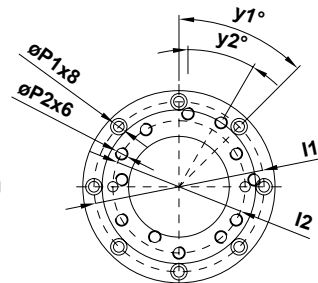
BP

MODEL	WEIGHT	LOAD CAPACITY	DIMENSIONS (mm)									
	Kg	L	A	B	E	H	I1	I2	P1	P2	Y1	Y2
BP 5	45	5	172	230	182.0	136	140	144	17	M12	-	36
BP 9	95	9	244	305	214.5	160	270	210	17	M20	45	30

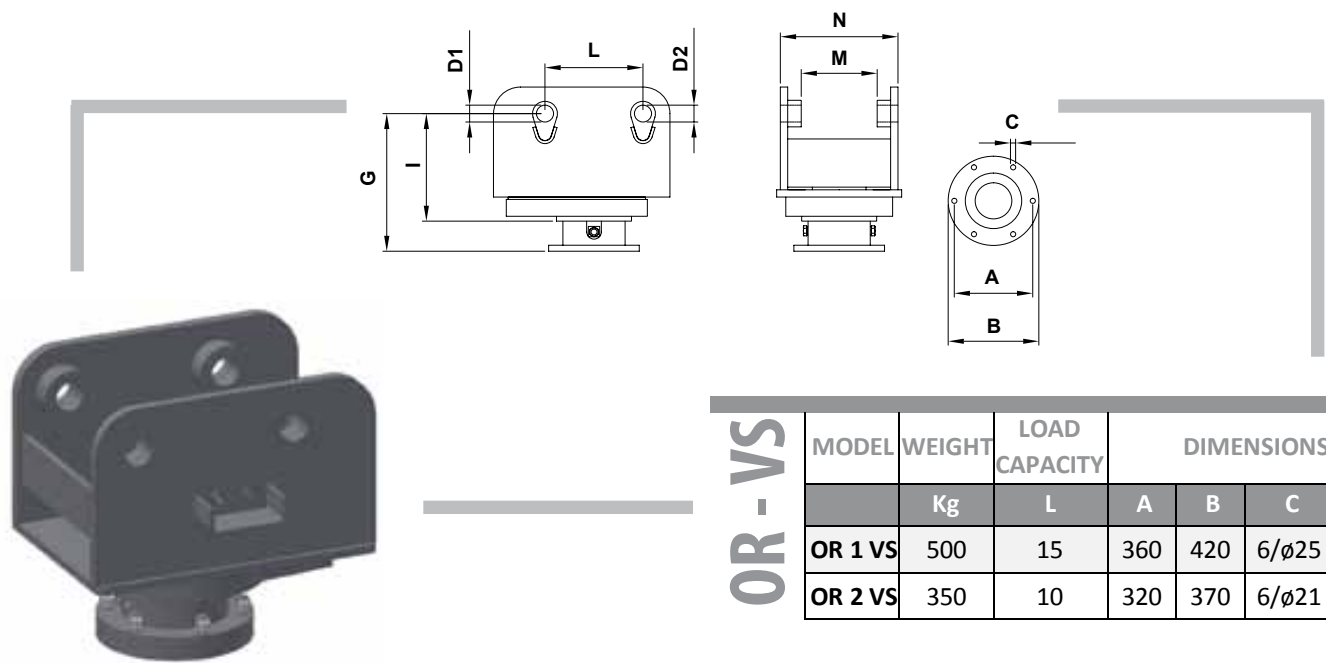
BP 5



BP 9

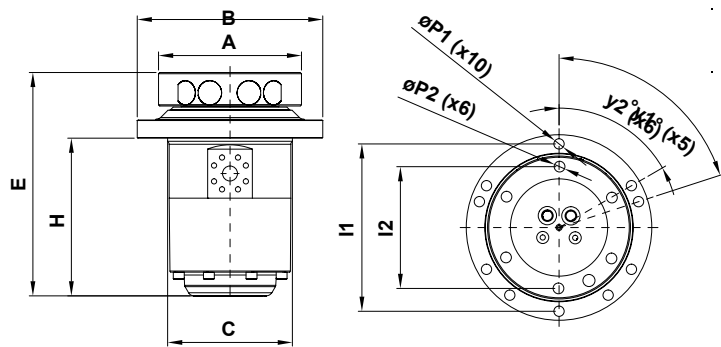


Technical Information



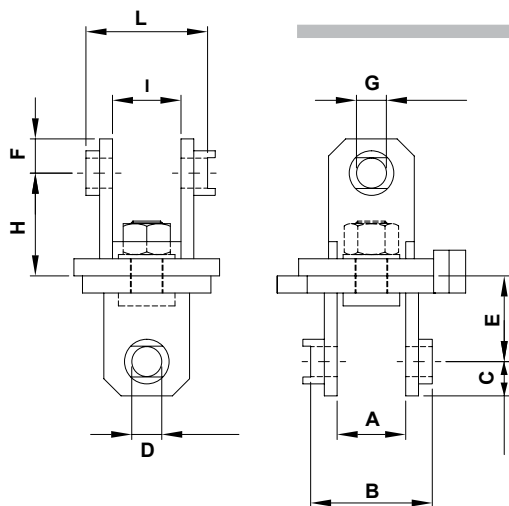
OR - VS

MODEL	WEIGHT	LOAD CAPACITY	DIMENSIONS (mm)				
	Kg	L	A	B	C	G	I
OR 1 VS	500	15	360	420	6/ø25	570	450
OR 2 VS	350	10	320	370	6/ø21	650	490



MODEL	WEIGHT	LOAD CAPACITY	DIMENSIONS (mm)										
	Kg	L	A	B	C	E	H	I1	I2	P1	P2	Y1	Y2
IR 10	87	25 – 7	235	305	205	367	259	275	200	17	M20	72	60
IR 20	150	45 – 17	280	380	260	420	293	340	230	26	M24	72	60

IR



MODEL	LOAD CAPACITY
	TON
GM - 4	4
GM - 7	7
GM - 10	10

GM

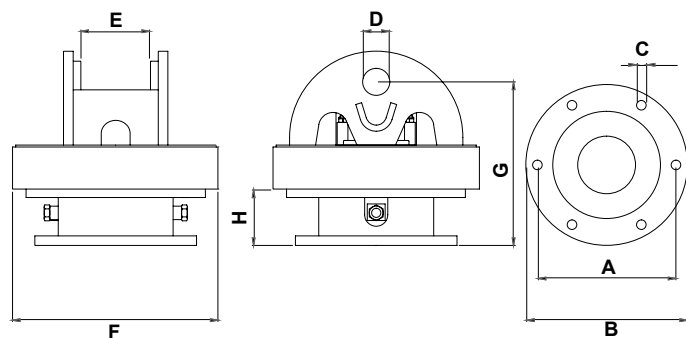
- Revolving mechanics GM series spin 270°



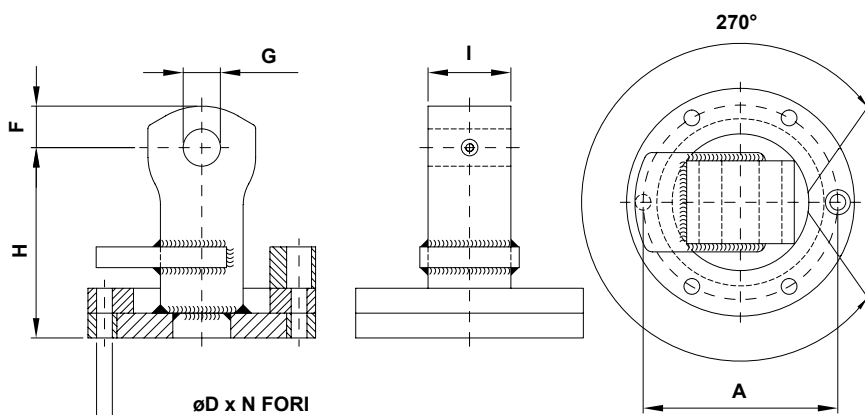
- Revolving mechanics OM series spin 360° continuous



OM



MODEL	WEIGHT	LOAD CAPACITY	DIMENSIONS (mm)								MACHINE
	Kg	L	A	B	C	D	E	F	G	H	MAX TON
OM 1/36	260	20	360	420	25	70	181	540	430	150	22 – 45
OM 1/32	260	20	320	370	25	70	181	540	430	150	22 – 45
OM 2/24	200	10	320	370	25	50	122	440	495	145	14 – 26
OM 2/20	200	10	320	370	21	50	122	440	495	145	14 – 26
OM 3	110	10	192	220	19	50	122	440	570	220	13 - 19



GM - F

MODEL	EQUIPMENT	WEIGHT	LOAD CAPACITY	DIMENSIONS (mm)							MACHINE
		Kg	L	A	D	N	F	G	H	I	MAX TON
GM 4 F	MPOS P	20	4	173	17	6	40	35	170	90	6 – 12
GM 10 F	MPOS PH	40	10	210	19	6	55	45	230	100	12 – 22
GM 10 F	MPV	80	10	320	21	6	60	50	280	100	20 – 28
GM 15 F	MPV	140	15	360	25	6	60	50	280	100	28 – 45



- Revolving mechanics GM-F series spin 270°



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