

NEW

Expansion in our range of shears

We have something new in our range: equipment pieces from Dehaco with Booster technology! We recently started offering this technology for some of our products. This allows you to work even more efficiently. How does the booster technology work? And what are the advantages? You can read it here in our brochure.



RP20BB rotating pulveriser BI Booster

+10%

+30%

200 kg Lighter

Crushing force

Cycle p/m

Technical specifications page 14-15

Crusher CR26BB BI Booster

+12% Crushing force

+36% Cycle p/m 200 kg

Technical specifications page 16-17

Combi crusher CC35BB BI Booster

+9% Crushing force

+32% Cycle p/m 250 kg

Technical specifications page 20-21

Multisystem MS28BB BI Booster

+9% Crushing force

+38% Cycle p/m

280 kg

Technical specifications page 22-23

Booster technology

The system has a hydraulic double-acting booster integrated in the cylinder rod. It is activated as soon as the concrete cutter comes into contact with material. If the system encounters resistance, the Booster technology is activated. Even the most challenging jobs become no problem this way.









Scrap shears Eagle 2 & Eagle 3 series

Scrap shears were developed for the demolition of metal structures such as buildings, tanks, bridges and many more. The shears are also often used for processing and handling various types of steel in the recycling yard.

With an Eagle scrap shear you have a very powerful tool that provides an optimum view of the work!



SH EAGLE 2 scrap shears

Jaws

The alignment of the jaws is crucial for achieving an optimum cutting power. Machinists are able to adjust the guides themselves by means of a simple action.

Reversed cylinders

The slim design ensures savings in weight. In order to protect the cylinder, it has been reversed.

Automatic lubrication system

Shears weighing more than 7 tonnes are equipped with the patented Manto Autolube system, an automatic lubrication pump that ensures correct lubrication of the most important moving parts.

Rotating group

The firm rotation ensures an accurate positioning of the tool, while the anti-cavitation valve increases operational safety.

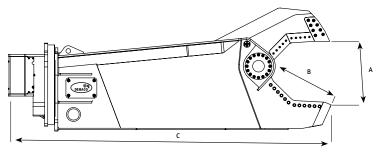
Speed valve

The speed valve shortens the opening and closing time, thus increasing productivity.



SH EAGLE 2 scrap shears





Technical specifications		SH25R	SH50R	SH100R	SH130R	SH180R				
Carrier weight class (bucket place)	t	5 - 7	7 - 10	11 - 13	13 - 17	18 - 25				
Carrier weight class (stick place)	t	2 - 4	4 - 6	7 - 10	8 - 12	14 - 18				
Operational weight	kg	380	650	1.100	1.220	2.100				
Operating pressure	bar	200 - 250	250 - 300	250 - 300	250 - 300	320 - 350				
Oil flow	l/min	60 - 100	80 - 100	90 - 110	90 - 110	150 - 200				
Cutting force at upper tips	t	36	47	56	56	76				
Cutting force at pin	t	87	134	204	204	304				
Dimensions										
A Jaw opening	mm	195	290	375	375	445				
B Jaw depth	mm	200	290	395	395	525				
C Length of shears	mm	1.350	1.900	2.000	2.100	2.700				
Article number		2810.0025	2810.0014	2810.0022	2810.0026	2810.0010				
Cutting capacity										
Rod	mm	30	40	55	55	65				
Pipe O	mm	114x4	127x6	178x6	178x6	203x8				
IPE profile	mm	120	200	240	240	360				
HEA profile H	mm	100	120	200	200	280				
HEB profile H	mm	-	80	120	120	200				
Plate —	mm	6	8	12	12	15				
L profile L	mm	120x8	160x10	140x12	140x12	200x15				

SH without rotation is available on request



Technical speci	fications		SH310R	SH410R	SH550R	SH700R	SH900R			
Carrier weight clas	s (bucket place)	t	30 - 40	45 - 55	55 - 65	75 - 85	90 - 110			
Carrier weight clas	s (stick place)	t	20 - 28	28 - 39	39 - 45	45 - 60	60 - 80			
Operational weigh	t	kg	3.300	4.700	5.750	7.700	10.100			
Operating pressur	e	bar	320 - 350	320 - 350	320 - 350	320 - 350	320 - 350			
Oil flow		l/min	200 - 250	250 - 300	275 - 375	500 - 600	600 - 700			
Cutting force at up	per tips	t	113	154	188	219	295			
Cutting force at pi	n	t	457	604	745	740	1192			
Dimensions										
A Jaw opening		mm	565	670	760	830	940			
B Jaw depth		mm	630	720	780	840	950			
C Length of shear	s	mm	3.300	3.700	3.950	4.300	4.600			
Article number			2810.0011	2810.0012	2810.0016	2810.0027	2810.0028			
Cutting capacit	у									
Rod	•	mm	85	100	110	130	160			
Pipe	0	mm	324x10	406x12	508x14	560x16	711x20			
IPE profile	-	mm	500	600	700	800	900			
HEA profile	Н	mm	340	400	500	650	700			
HEB profile	Н	mm	280	300	360	450	500			
Plate	_	mm	20	25	25	30	35			
L profile	L	mm	200x20	200x25	250x25	300x30	350x30			



NEW! SH EAGLE 3 scrap shears



Dehaco's Eagle 3 scrap shears were specially developed for cutting wide ranging types of steel.

Our shears are characterized by a slim design, two jaw guides and a reversed cylinder for more power. Due to the differential valve, opening and closing of the typical eagle jaw takes place faster.

Compact frame

The overall length of the Eagle 3 shears is less and the shears are lighter as well. This makes the carrier more stable, which is essential to be able to work safely. Scrap shears are increasingly used with UHD machines, which require stability. A lower weight also means less fuel consumption.

Jaw opening

A shorter and lighter shear often means a smaller maximum jaw opening. This is not the case with the Eagle 3 shears. The jaw opening of this new series is actually larger than that of the Eagle 2 series. As well as the wider jaw opening, the jaws are also deeper. This allows steel to be cut more effectively.

Powerful

The Eagle 3 shears have a more powerful cylinder, which means they deliver 20% more cutting force. During the development process, the developments of the excavator were also taken into account. Modern machines have a 380 bar operating pressure. The Eagle 3 series are able to use this operating pressure fully, making them stronger than ever.

Features

- More power
- New jaw end design
- · Reversed and forged cylinder
- · High-quality materials
- Simplified maintenance
- Special sealant for the cylinder
- Fewer parts and less welding

Speed valve

The speed valve shortens the opening and closing time, thus increasing productivity.

Less wear

Downtime for maintenance never comes off, even if it is scheduled. This new range of shears features armouring to prevent and minimise downtime. These wear parts ensure that the construction of the shears is not affected. No wear also means no welding to the frame.

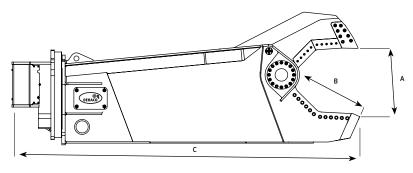
Compared to the Eagle 2, the Eagle 3 requires less maintenance. The front of the blades are closed. This eliminates the need for welding. On the Eagle 2, the blades are not closed. This ensures that the shears require maintenance once in a while.

The mobile and fixed jaws are cut in a unique way. This process was chosen to avoid changes in the properties of the material. This ensures that the scissors remain strong and feature the best quality. It also gives the scissors a longer service life.



SH EAGLE 3 scrap shears





Technical specifications		SH250R	SH320R	SH490R	SH600R
Carrier weight class (bucket place)	t	24 - 29	30 - 40	45 - 55	55 - 70
Carrier weight class (stick place)		17 - 19	20 - 28	28 - 39	35 - 45
Operational weight	kg	2.600	3.300	5.150	6.360
Operating pressure	bar	320 - 380	320 - 380	320 - 380	320 - 380
Oil flow	l/min	250 - 300	300 - 350	600 - 700	400 - 500
Cutting force at upper tips	t	128	150	193	221
Cutting force at pin	t	530	623	799	929

Dimensions

Article number		2810.0040	2810.0041	2810.0042	2810.0043
C Length of shears	mm	2.700	2.975	3.450	370
B Jaw depth	mm	570	640	760	800
A Jaw opening	mm	530	620	730	780

Cutting capacity

Rod	•	mm	65	80	100	110
Pipe	0	mm	254	324	406	508x14
IPE profile		mm	450	500	600	700
HEA profile	Н	mm	280	340	400	500
HEB profile	Н	mm	200	260	300	360
Plate	_	mm	15	20	25	25
L profile	L	mm	200x15	200x20	250x25	250x25



Technical specifications		SH800R	SH1100R	SH1500R	SH2200R
Carrier weight class (bucket place)	t	75 - 85	90 - 110	120 - 170	170 - 300
Carrier weight class (stick place)	t	45 - 60	60 - 80	80 - 110	110 - 160
Operational weight	kg	8.700	11.000	15.000	22.000
Operating pressure	bar	320 - 380	320 - 350	320 - 380	320 - 380
Oil flow	l/min	600 - 700	600 - 700	800 - 1.000	800 - 1.000
Cutting force at upper tips	t	258	300	300	221
Cutting force at pin	t	1.107	1.311	1.60	2.344
Dimensions					
A Jaw opening	mm	900	1.000	1.100	1.250
B Jaw depth	mm	890	1.000	1.100	1.290
C Length of shears	mm	3.980	4.600	4.800	5.500
Article number		2810.0039	2810.0045	2810.0029	2810.0046

Cutting capacity

Rod	•	mm	140	160	165	175
Pipe	0	mm	610	711x20	813x20	965
IPE profile	н	mm	800	900	1.000	1.100
HEA profile	Н	mm	700	700	800	1.000
HEB profile	Н	mm	500	500	650	800
Plate	_	mm	30	35	38	44
L profile	L	mm	300x35	350x30	400x30	400x355



Fixed pulverisers

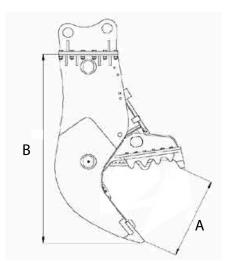
Thanks to the constant pinching energy combined with the high pinching frequency, all Dehaco pulverisers develop a remarkably high power, which means that they function better compared to similar machines. This optimum combination ensures permanent high performances, which means that even the most demanding tasks can be completed.

Fixed pulverisers are designed especially for secondary demolition and for pulverising rubble. The "IT" models have interchangeable tooth plates. Because the top and bottom tooth plates are separate and can be easily exchanged, the maintenance costs are lower.

There are two jaw configurations available: single-tooth for more penetration (CRP) and double-tooth for better crushing properties (PP). The pulverisers are supplied with a CRP tooth plate as standard.

The Speed Valve reduces closing time and boosts productivity.





Fixed Teeth		MCP300	MCP480	MCP800	MCP910
Carrier weight class	t	2 - 4	5 - 10	18 - 27	28 - 38
Operational weight	kg	150	490	2.050	2.850
Force at tips	t	12	39	73	99
Force at blade	t	41	130	196	276
Dimensions					
A Jaw opening	mm	300	480	850	1.000
B Height	mm	770	1.225	2.070	2.400
Article number		2010.0004	2010.0005	2010.0016	2010.0017



Interchangeable Teeth and Tooth Plates - 1 part

CRP tooth plate



Standard MCP600-IT MCP1000-IT

PP tooth plate



Option MCP600-IT MCP800-IT MCP910-IT MCP1000-IT MCP1300-IT

Interchangeable Tooth Plates - 2 parts for maximum productivity





Option MCP800-IT MCP910-IT

Interchangeable teeth an tooth plates	d	MCP600-IT	MCP800-IT	MCP910-IT	MCP1000-IT	MCP1300-IT
Carrier weight class	t	11 - 18	18 - 27	28 - 38	39 - 50	60 - 90
Operational weight	kg	1.050	2.200	3.100	4.200	8.000
Force at tips	t	56	72	99	121	190
Force at blade	t	178	210	297	384	585
CRP tooth plates		•	0	0	•	0
PP tooth plate 1 part		0	0	0	0	0
CRP tooth plates 2 part		-	-	-	-	-
PP tooth plates 2 part		-			-	-
Dimensions						
A Jaw opening	mm	620	830	1.000	1.150	1.300
B Height	mm	1.600	2.070	2.400	2.700	3.250
Article number		2010.0006	2010.0007	2010.0008	2010.0003	2010.0015

- Standard 1 part
- Option 1 part
- Standard 2 part
 - □ Option 2 part



RP Rotating pulverisers

Rotating pulverisers are designed especially for secondary demolition and for pulverising rubble. The "IT" models have interchangeable tooth plates that can also be ordered separately. This means that you can save on maintenance costs and that they can be changed more quickly!

There are two jaw configurations available: single-tooth for more penetration (CRP) and double-tooth for better crushing properties (PP). The pulverisers are supplied with a CRP tooth plate as standard.

The Speed Valve reduces closing time and boosts productivity.

Fixed Teeth	RP07	RP16	RP18	RP25	
Carrier weight class	t	7 - 10	16 - 20	21 - 26	27 - 35
Operational weight	kg	660	1.720	2.000	2.750
Force at tips	t	42	55	71	83
Force at blade t		133	207	83	271
Dimensions					
A Jaw opening	mm	500	700	760	930
B Height	mm	1.560	2.020	2.136	2.440
Article number		2010.0011	2010.0008	2010.0003	2010.0009



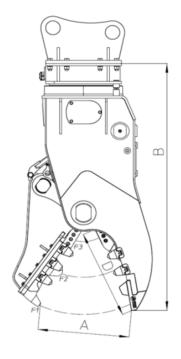
The system has a hydraulic doubleacting booster integrated in the cylinder rod. It is activated as soon as the concrete cutter comes into contact with material. If the system encounters resistance, the Booster technology is activated.

		III HOOSTER								
Interchangeable Teet Tooth Plates	th and	RP10-IT	RP16-IT	RP20-IT	RP20BB	RP30-IT	RP40-IT	RP50-IT	RP80-IT	
Carrier weight class	t	10 - 15	16 - 20	21 - 26	21 - 26	27 - 35	35 - 50	50 - 65	70 - 95	
Operational weight	kg	1.100	1.690	2.000	1.950	2.850	4.100	5.200	8.200	
Force at tips	t	46	57	71	78	84	118	144	230	
Force at blade	t	159	204	268	294	262	372	543	787	
CRP tooth plates 2 part		•	•	•	•	•	•	-	-	
PP tooth plates 2 part		0	0	0	0	0	0	-	-	
Dimensions										
A Jaw opening	mm	580	700	750	750	900	1.000	1.100	1.250	

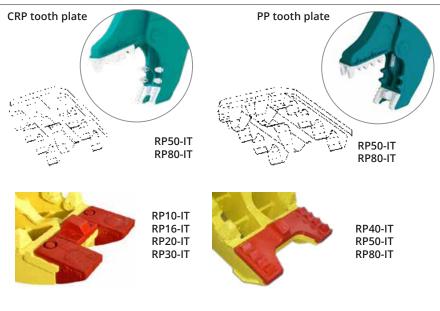
B Height 1.710 2.150 2.130 2.130 2.400 2.780 3.000 3.600 mm Article number 2210.0001 2210.0012 2210.0002 2210.0014 2210.0004 2210.0006 2210.0005 2210.0007

● Standard○ Option- Not available





Interchangeable Teeth and Tooth Plates - 1 part



Interchangeable Tooth Plates - 2 parts for maximum productivity

RP10-IT - RP16-IT- RP20-IT - RP30-IT - RP40-IT







CR Crushers

Crushers are especially designed for primary demolition projects. The compact CR series makes it easy to demolish buildings and bridges. Thanks to their slimline design and 360° hydraulic rotation, these crushers can handle even the most complex projects. The iron blades at the back of the jaws are used to cut through the steel reinforcement in concrete.

The Speed Valve reduces closing time and boosts productivity.

The CR-RE series are types with interchangeable teeth.

The booster line has a hydraulic double-acting booster integrated into the cylinder rod. It is activated as soon as the shears come into contact with material. If the system encounters resistance, the Booster technology is activated.

Mechanical Rotation		CR2	CR4	CR5
Carrier weight class	t	3 - 5	3 - 6	6 - 10
Operational weight	kg	240	320	530
Force at tips	t	18	40	34
Force at blade	t	66	115	141
Dimensions				
A Jaw opening (max/min)	mm	360/0	440/0	450/0
B Height	mm	1.070	1.070	1.290
Article number		2410.0004	2410.0047	2410.0017



Hydraulic Rotation		CR15RE	CR20RE	CR26RE	CR26BB	CR40R	CR60R
Carrier weight class	t	16 - 20	21 - 26	27 - 35	27 - 35	45 - 55	60 - 70
Operational weight	kg	1.600	2.100	2.800	2.700	4.720	6.250
Force at tips	t	64	84	92	108	122	174
Force at blade	t	284	329	392	405	546	669

Dimensions

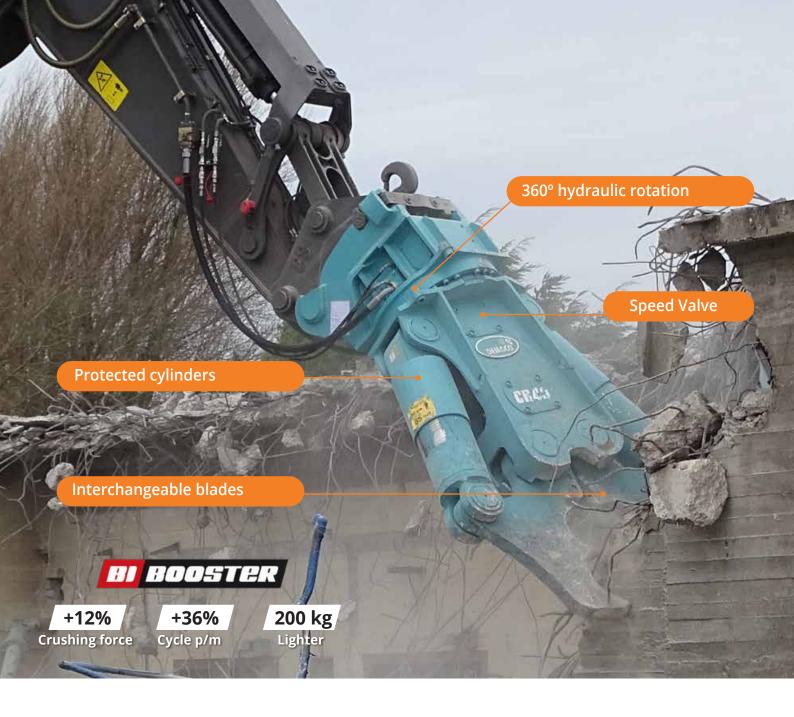
A Jaw opening (max/min)	mm	800/0	1.050/0	1.100/0	1.100/0	1.350/0	1.580/0
B Height	mm	1.800	2.030	2.200	2.200	2.800	3.020
Article number		2410.0059	2410.0060	2410.0052	2410.0070	2410.0036	2410.0043

Hydraulic Rotation Interchangeable teeth

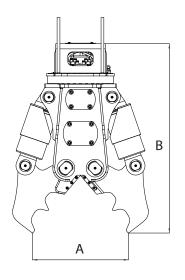
CR40RE CR60RE

2410.0061 2410.0062

Article number 2410.0061



Hydraulic Rotation		CR80R	CR100R	CR120R
Carrier weight class	t	75 - 95	100 - 120	120 - 140
Operational weight	kg	8.250	11.000	11.400
Force at tips	t	213	241	255
Force at blade	t	771	910	942
Dimensions				
A Jaw opening (max/min)	mm	1.800/0	2.050/0	2.310/320
B Height	mm	3.400	3.200	3.300
Artikelnummer		2410.0008	2410.0005	2410.0050
		'		'



Interchangeable teeth RE series



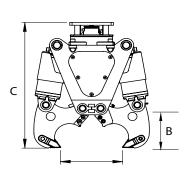
MCR Crushers

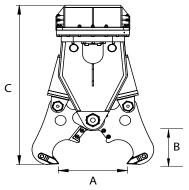
When choosing the right piece of equipment for demolition work, we must take size, cutting power, weight and jaw opening into account, to make sure that the tool is suitable for the work to be carried out. As Dehaco has shown with the MCR crushers: size does not matter. Cutting concrete with or without reinforcement is no challenge for these crushers.

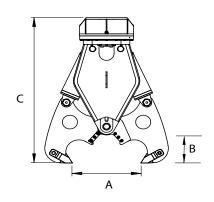
MCR Crushers can be used for a varied range of demolition work. Indoors or outdoors, from small to medium scale. These crushers are easy to use, have a strong design, are light in weight and are reliable. Ideal for mini and midi excavators.











Mechanical Rotation		MCR350	MCR650	MCR950
Carrier weight class	t	2 - 4	5 - 14	9 - 16
Operational weight	kg	320	630	920
Standard weight	kg	290	570	725
Operating pressure	bar	250	350	350
Max. Operating pressure rot.	bar	200	210	210
Oil flow	l/min	50 - 90	90-180	90-180
Oil flow roteren	l/min	25	25	25
Force at tips	t	32	47	65
Force at blade	t	100	120	240
Dimensions				
A Jaw opening	mm	415	500	690
B Jaw depth	mm	220	270	330
C Height	mm	915	1.270	1.585



2410.0041

2410.0040

2410.0045

Article number



CC Combi Crushers

The CC Combi Crushers were designed to cut both concrete and steel. This unique combination ensures that buildings with both a lot of reinforced concrete and metal structures are easily demolished.

The booster line has a hydraulic double-acting booster integrated into the cylinder rod. It is activated as soon as the shears come into contact with material. If the system encounters resistance, the Booster technology is activated.

Features

- The combination of powerful cylinders and the double pin system provides a huge breaking and cutting power.
- The unique design features shear blades that, together with the cutting guide, provide incredible cutting power.
- Exchangeable teeth and blades make maintenance work easy and fast. In this way, the piece of equipment is kept in optimum condition.
- The "Speed Valve" reduces closing time and boosts productivity.



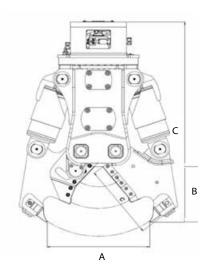








			M BOOSTER						
Mechanical Rotatio	n	CC25R	CC35R	СС35ВВ	CC65R	CC90R			
Carrier weight class	t	25 - 30	30 - 40	30 - 40	60 - 70	75 - 95			
Operational weight	kg	2.500	3.500	3.250	6.650	9.600			
Operating pressure	bar	320 - 350	320 - 350	280 - 320	320 - 350	320 - 350			
Oil flow	l/min	180 - 220	280 - 300	280 - 300	500 - 600	600-700			
Force at tips	ton	91	101	110	183	205			
Force at blade	ton	218	233	253	423	430			
Dimensions									
A Jaw opening	mm	1.000	1.100	1.100	1.525	1.750			
B Jaw depth	mm	760	830	830	1.035	1.280			
C Height	mm	1.960	2.270	2.270	3.000	3.360			
Article number		2410.0054	2410.0051	2410.0069	2410.0055	2410.0058			





MS Multi Systems

Different jaw sets mean that this multi system can be used as a crusher, pulveriser, scrap shears, combi shears or plate shears.

The design has been kept compact and slim in order to provide optimum visibility. The machine's 360° hydraulic rotation makes accurate positioning simple and easy. The double cylinders centre the shears and produce less torque in the jib and less load on the slewing ring of the shears.

The Speed Valve reduces closing time and boosts productivity.

The booster line has a hydraulic double-acting booster integrated into the cylinder rod. It is activated as soon as the shears come into contact with material. If the system encounters resistance, the Booster technology is activated.

BI BOOSTER



							ar Boos rak		
			MS09R	MS15R	MS22R	MS28R	MS28BB	MS50R	MS140R
Carrier weight clas	ss (bucket position)	t	10 - 15	16 - 20	21 - 27	28 - 40	28 - 40	45 - 55	120 - 160
Carrier weight clas	ss (stick mounted)	t	7 - 10	10 - 15	12 - 18	15 - 24	15 - 24	28 - 38	80 - 120
Operating pressur	e	bar	300 - 320	320 - 350	320 - 350	320 - 350	280-320	320 - 350	320 - 350
Oil flow		l/min	90 - 120	130 - 150	180 - 220	220 - 250	220 - 250	250 - 300	700 - 1000
Article number			2610.0013	2610.0020	2410.0005	2610.0055	2610.0070	2610.0061	2610.0003
MS + CR Jawset	Weight incl. top bracket	kg	950	1.650	2.210	2.900	2.670	5.080	14.000
0.00	Cutting force	t	140	190	272	315	343	406	1.165
	Jaw opening	mm	650	750	890	975	975	1.200	2.500
	Height	mm	1.550	1.860	1.980	2.180	2.180	2.940	4.300
MS + CP Jawset	Weight incl. top bracket	kg	1.015	1.700	2.250	3.120	2.890	5.450	14.000
	Cutting force	t	133	188	270	311	338	431	-
	Jaw opening	mm	565	650	780	875	875	1.000	2.300
4 10	Height	mm	1.485	1.830	1.955	2.180	2.180	2.870	4.300
MS + SH Jawset	Weight incl. top bracket	kg	950	1.700	2.200	2.950	2.720	4.930	14.000
O CONTRACTOR	Cutting force	t	425	630	874	976	1.063	1.302	3.400
	Jaw opening	mm	275	330	460	550	550	630	1.150
	Height	mm	1.415	1.800	1.995	2.185	2.185	2.945	4.150
MS + CC Jawset	Weight incl. top bracket	kg	980	1.700	2.235	3.000	2.770	5.280	-
0.00	Cutting force	t	114	195	229	267	291	320	-
	Jaw opening	mm	585	700	830	875	875	1.100	-
- "	Height	mm	1.500	1.860	2.020	2.170	2.170	3.040	-
MS + PSH jawset	Weight incl. top bracket	kg	-	-	2.070	2.700	2.470	4.300	-
jawset	Cutting force	t	-	-	1.016	1.015	1.106	1.250	-
100	Jaw opening	mm	-	-	300	310	310	360	-
100	Height	mm	-	-	1.895	2.000	2.000	2.760	-



							BI BOOSTER		
Cutting capacity	/ with SH-jawset		MS09R	MS15R	MS22R	MS28R	MS28BB	MS50R	MS140R
Rond	•	mm	40	45	55	65	65	80	180
Pijp	0	mm	-	-	-	-	-	-	600x20
IPE profiel	ш	mm	180	200	250	360	360	450	1.000
HEA profiel	Н	mm	120	140	160	220	220	320	700
Plaat	_	mm	8	10	12	15	15	18	40
L profiel	L	mm	-	-	-	-	-	50x150x150	500x500x25
Cutting capacity with PSH-jawset									
Plaat	_	mm	-	-	15	20	20	25	-









For more information contact your dealer:

