



E V O L U T I O N <sup>™</sup>



**HYDRARAM** <sup>®</sup>

DEMOLITION & RECYCLING EQUIPMENT

2024 CORPORATE BROCHURE





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



# EX SERIES Hydraulic hammers







The Hydraram EX Series basic line hydraulic hammers do what they have to do: **“Hit hard without compromise for an economic price.”** If you are looking for a budget friendly hydraulic hammer with a long lifespan, the Hydraram EX series is the hammer you are looking for.



Benefits of the Hydraram EX Series breakers:

- **Sound proofed:** Low noise level, ideal for use in urban areas.
- **Vibration proofed:** Less vibration to the excavator and driver.
- **High impact energy:** Gets your job done faster.
- **Rigid design:** Longer lifespan.
- **Low Tech:** No expensive extras which can break down (and you don't use).
- **Budget friendly:** Economic price for the hammer and spare parts.

HYDRAULIC HAMMERS			EX-2B	EX-3B	EX-5B	EX-7B	EX-10B	EX-14B	EX-16B
	Excavator class <sup>1</sup>	t	0.8 - 1.8	1.6 - 2.9	2.4 - 4.2	3.8 - 6.8	5.5 - 9	7.5 - 14	12 - 18
	Weight	kg	108	134	162	348	465	740	1050
	Blows	bpm	800 - 1300	700 - 1200	600 - 1000	500 - 900	450 - 800	400 - 800	350 - 700
	Working pressure	bar	140	140	140	140	160	160	180
	Oilflow	l/min	15 - 25	20 - 40	25 - 50	40 - 70	50 - 90	60 - 100	80 - 110
	Chisel diameter	mm	40	45	53	68	75	85	100

HYDRAULIC HAMMERS			EX-20B	EX-24B	EX-28B	EX-36B	EX-46B	EX-58B
	Excavator class <sup>1</sup>	t	15 - 24	18 - 26	22 - 32	28 - 42	36 - 54	40 - 80
	Weight	kg	1380	1640	2180	2830	3280	4180
	Blows	bpm	350 - 600	400 - 600	350 - 500	300 - 450	250 - 400	200 - 350
	Working pressure	bar	180	180	180	180	180	180
	Oilflow	l/min	90 - 120	120 - 150	120 - 180	180 - 240	220 - 260	250 - 320
	Chisel diameter	mm	125	135	140	155	165	175

<sup>1</sup> Recommended excavator / attachment combination



# FX SERIES Hydraulic hammers

Our engineers and designers believe that hydraulic breakers should be powerful. Although the FX-Series hammers are powerful, they have a simple construction. That is why the Hydraram Breakers have few moving parts and the construction is designed in such a way that maintenance and repair is easy. The Hydraram FX Breakers are designed to be used for a variety of demolition applications and to perform in all conditions.

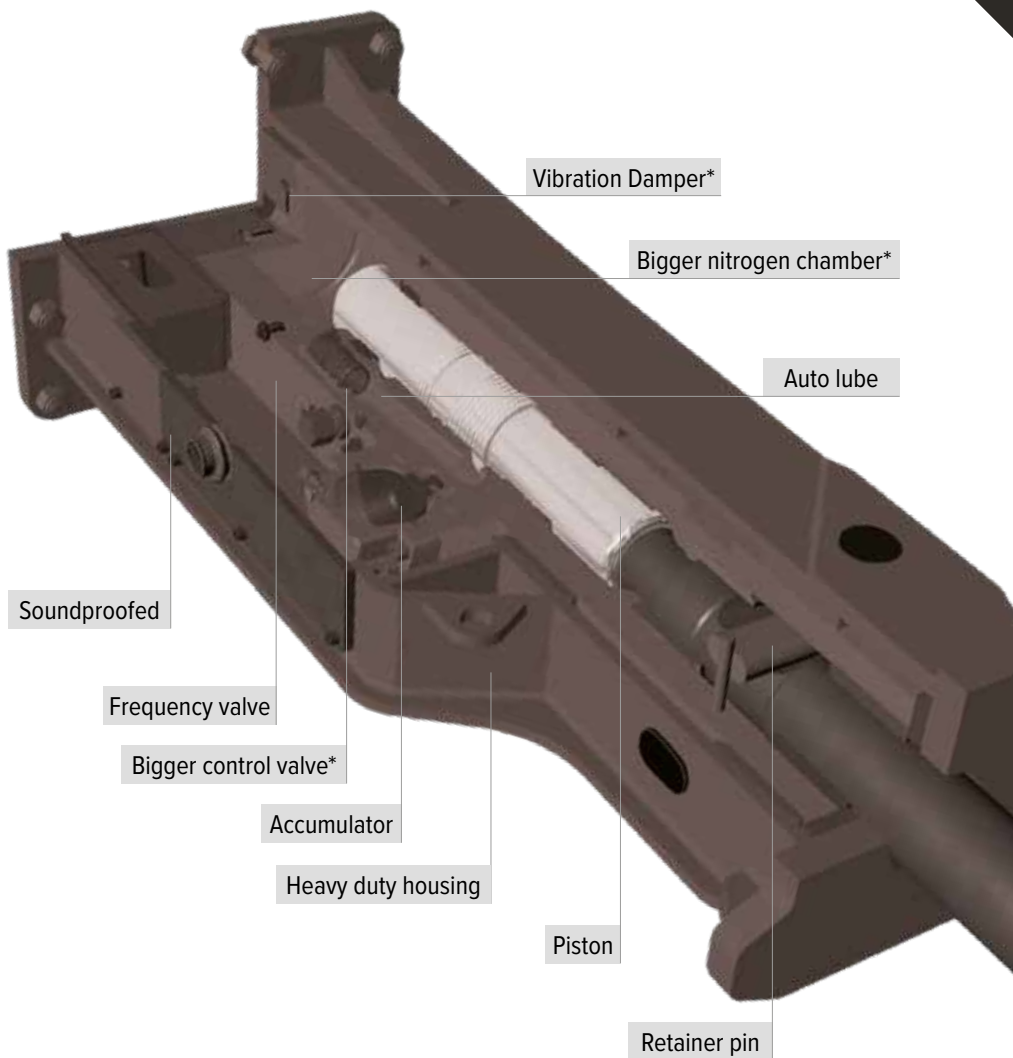


HYDRAULIC HAMMERS			FX-10	FX-20	FX-30	FX-40	FX-50	FX-70	FX-90
	Excavator class <sup>1</sup>	t	0.8 - 1.6	1.5 - 3.0	2 - 4	3 - 5	4 - 7	6 - 9	7 - 12
	Weight	kg	100	135	160	195	320	410	550
	Height	mm	1180	1210	1240	1280	1580	1683	1950
	Blows	bpm	700-1200	700-1200	550-1000	500-800	500-800	400-800	400-700
	Working pressure	bar	80-100	100-120	100-120	140-160	140-160	140-160	140-160
	Oilflow	l/min	10-20	15-25	25-40	30-50	35-65	40-70	45-85
	Chisel diameter	mm	36	45	53	60	68	75	90

HYDRAULIC HAMMERS			FX-120	FX-160	FX-200	FX-220	FX-340	FX-500
	Excavator class <sup>1</sup>	t	10 - 16	14 - 18	16 - 24	19 - 26	28 - 40	42 - 55
	Weight	kg	920	1320	1580	1900	2500	4150
	Height	mm	2240	2640	2700	2860	3170	3610
	Blows	bpm	400-700	400-600	400-600	400-600	300-400	250-350
	Working pressure	bar	150-170	150-180	160-180	160-180	160-180	160-180
	Oilflow	l/min	80-120	100-140	110-150	130-170	170-230	200-300
	Chisel diameter	mm	100	125	135	140	155	175

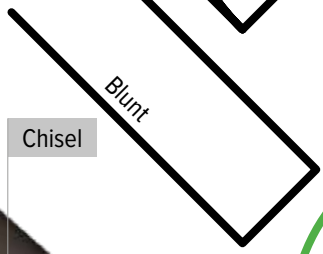
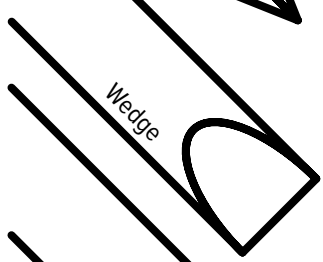
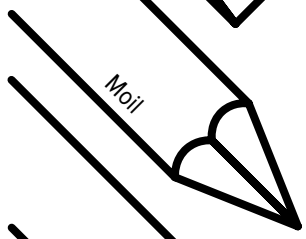
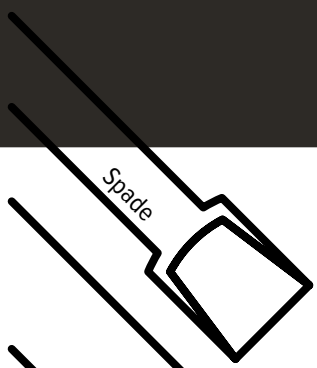
<sup>1</sup> Recommended excavator / attachment combination





Our philosophy is to offer a breaker with “full options” without extra cost or modifications afterwards. That is why all our breakers come standard with:

- Noise and vibration resistant housing;
- Air connection for underwater demolition;
- Connection for central lubrication;
- High reliability due to few moving parts;
- High productivity (low maintenance).



\* In the FX-Pro Series

# FX PRO SERIES Hydraulic hammers

The Hydraram FX-Pro Series: Maximum performance and production, minimum investment and maintenance!








Benefits of the Hydraram FX-Pro Series breakers:

- Automatic lubrication;
- Auto stop;
- Dustproof;
- Power-select;
- Vibration Damper;
- Energy recovery.



**LESS WEIGHT / MORE POWER**






## HYDRAULIC HAMMERS - PRO

			FX-6 PRO	FX-25 PRO	FX-35 PRO	FX-45 PRO	FX-55 PRO	FX-65 PRO
	Excavator class <sup>1</sup>	t	0.5 - 1.2	1.0 - 2.4	2.0 - 3.8	2.6 - 4.5	3.6 - 6.5	5 - 8.5
	Weight	kg	60	122	195	260	345	470
	Long stroke	bpm	800 - 1200	550 - 1000	600 - 1500	550 - 1300	380 - 1100	400 - 800
	Short stroke	bpm	-	-	-	-	-	600 - 1100
	Working pressure	bar	60 - 130	90 - 120	90 - 120	110 - 165	120 - 165	140 - 170
	Oilflow	l/min	18 - 25	15 - 35	23 - 70	35 - 70	40 - 110	45 - 100
	Chisel diameter	mm	40	45	57	70	75	80






<sup>1</sup> Recommended excavator / attachment combination



**HYDRAULIC HAMMERS - PRO**

			<b>FX-75 PRO</b>	<b>FX-95 PRO X</b>	<b>FX-110 PRO X</b>	<b>FX-130 PRO X</b>	<b>FX-170 PRO X</b>	<b>FX-190 PRO X</b>
	Excavator class <sup>1</sup>	t	6.5 - 10	9 - 15	12 - 18	14 - 21	16 - 24	18 - 26
	Weight	kg	570	840	930	1190	1420	1560
$\frac{1}{\text{min}}$	Long stroke	bpm	350 - 700	350 - 600	350 - 550	350 - 550	320 - 500	320 - 480
$\frac{1}{\text{min}}$	Short stroke	bpm	490 - 1000	600 - 900	600 - 900	400 - 700	400 - 650	400 - 600
	Working pressure	bar	140 - 170	140 - 180	140 - 180	160 - 190	160 - 190	160 - 190
	Oilflow	l/min	50 - 110	75 - 120	80 - 140	100 - 150	100 - 155	120 - 170
	Chisel diameter	mm	90	95	105	115	125	135

**HYDRAULIC HAMMERS - PRO**

			<b>FX-210 PRO X</b>	<b>FX-260 PRO X</b>	<b>FX-320 PRO X</b>	<b>FX-380 PRO X</b>	<b>FX-460 PRO X</b>	<b>FX-520 PRO X</b>
	Excavator class <sup>1</sup>	t	20 - 28	24 - 32	25 - 36	30 - 42	34 - 50	42 - 60
	Weight	kg	1820	2050	2380	2800	3200	3800
$\frac{1}{\text{min}}$	Long stroke	bpm	340 - 450	270 - 400	250 - 380	230 - 400	230 - 345	230 - 330
$\frac{1}{\text{min}}$	Short stroke	bpm	420 - 550	330 - 500	300 - 450	270 - 470	270 - 410	270 - 550
	Working pressure	bar	160 - 190	160 - 190	160 - 190	160 - 190	160 - 190	160 - 190
	Oilflow	l/min	120 - 190	150 - 210	180 - 240	200 - 260	220 - 280	240 - 320
	Chisel diameter	mm	135	145	150	155	165	175

**HYDRAULIC HAMMERS - PRO**

			<b>FX-680 PRO X</b>	<b>FX-740 PRO X</b>	<b>FX-820 PRO X</b>	<b>FX-1200 PRO X</b>
	Excavator class <sup>1</sup>	t	47 - 78	60 - 90	65 - 100	88 - 150
	Weight	kg	4600	5800	7100	10400
$\frac{1}{\text{min}}$	Long stroke	bpm	270 - 380	280 - 355	280 - 350	250 - 320
$\frac{1}{\text{min}}$	Cutter length	bpm	380 - 530	380 - 485	320 - 520	290 - 380
	Working pressure	bar	160 - 190	160 - 190	160 - 190	160 - 190
	Oilflow	l/min	260 - 360	310 - 390	360 - 450	450 - 530
	Chisel diameter	mm	180	200	205	240

<sup>1</sup> Recommended excavator / attachment combination




# READY FOR ANYTHING.

Completely protected reversed cylinders

Reversible & adjustable blades

Interchangeable teeth

Continuous hydraulic rotation

Speed multiplier valve

Replaceable wear parts

# MK SERIES Multiprocessors

## The Hydraram MK multiprocessors, for professional demolition work!

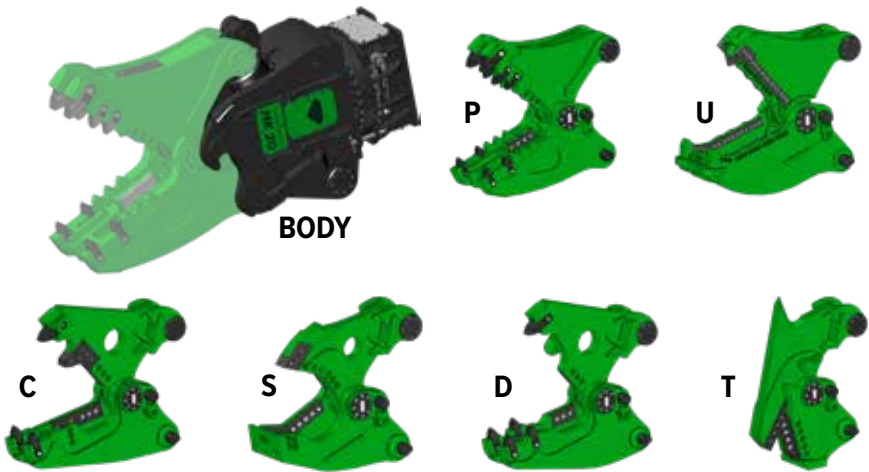
The versatile Hydraram multiprocessors are designed for the toughest operating conditions. They can be fitted on excavators from 6 to 100 tonnes of operating weight. Built of wear-resistant Hardox-400® steel, the MK series offers a long service life with minimal maintenance. With this robust attachment, demolition and recycling work of all kinds can be carried out with only one tool. For extremely fast jaw opening/ closing, each multiprocessor is equipped with a speed multiplier valve.

Various jaws can be mounted on this multiprocessor. You can change the hydraulic jaw in less than 5 minutes directly on the construction site! The replaceable teeth and knives are easy to replace on site. This attachment is designed to reduce the required number of excavators and attachments on site.

There are 6 different jaws available:

- **Pulverizer Jaw (P-Jaw):** Perfect for separating the reinforcing rebar from the concrete.
- **Steel Jaw (S-Jaw):** Ideal for job sites and in industrial demolition depots to cut ferrous materials such as profiles, plate and pipes.
- **Combi Jaw (C-Jaw):** For demolition of structures made of reinforced concrete with a high percentage of ferrous materials- this jaw does the job.
- **Universal jaw (U-Jaw):** This multipractical jaw is ideal for controlled demolition of concrete structures and immediate reduction of rebar as concrete is crushed.
- **Tankshear jaw (T-Jaw):** The perfect solution for construction sites and demolition industry stores for cutting ferrous materials such as steel and tanks.
- **Demolition jaw (D-Jaw):** Is designed for primary demolition phases of the most delicacy and precision, mainly demolition of concrete structures.

With 9 models and 6 available jaw sets, Hydraram multiprocessors are high power tools that can perform all functions in demolition, scrap and recycling. The cylinder rod is protected within the body during operation. The MK Multiprocessors are equipped with a heavy duty rotation motor.



MULTI PROCESSORS - BODY			MK-7*	MK-10*	MK-13*	MK-18
	Excavator class <sup>1</sup>	t	6 - 14	9 - 18	15 - 20	18 - 25
	Weight (body)	kg	410	600	795	1180
	Working pressure	bar	280	310	310	310
	Oilflow	l/min	80 - 150	150 - 250	180 - 250	180 - 250
	Working pressure rotation	bar	140	140	140	140
	Oilflow rotation	l/min	10	10	10	10
	Open/close	sec.	1.1 / 2.0	1.1 / 2.0	1.5 / 2.1	1.6 / 2.1




MULTI PROCESSORS - BODY			MK-23	MK-28	MK-38	MK-55	MK-75
	Excavator class <sup>1</sup>	t	25 - 35	35 - 45	45 - 60	55 - 78	75 - 100
	Weight (body)	kg	1465	1970	2150	3420	5020
	Working pressure	bar	310	310	310	340	340
	Oilflow	l/min	200 - 300	250 - 350	300 - 400	400 - 500	400 - 500
	Working pressure rotation	bar	140	140	140	140	140
	Oilflow rotation	l/min	10	10	10	30	30
	Open/close	sec.	2.0 / 2.7	2.6 / 2.7	2.6 / 2.7	3.2 / 3.5	3.0 / 3.7

<sup>1</sup> Recommended excavator / attachment combination




\* Mechanical jaw change






**MULTI PROCESSORS - P JAW**

			MK-7	MK-10	MK-13	MK-18	MK-23	MK-28	MK-38	MK-55	MK-75
	Weight (jaw)	kg	250	410	635	680	1035	1270	1720	2940	3940
	Jaw opening	mm	530	660	720	740	880	905	970	1100	1300
	Cutter length	mm	140	140	180	220	260	260	260	260	325




**MULTI PROCESSORS - U JAW**

			MK-7	MK-10	MK-13	MK-18	MK-23	MK-28	MK-38	MK-55	MK-75
	Weight (jaw)	kg	440	520	610	740	1000	1300	1590	2650	3390
	Jaw opening	mm	310	390	445	500	635	550	720	900	1020
	Cutter length	mm	340	400	530	530	660	600	750	840	900

**MULTI PROCESSORS - C JAW**

			MK-7	MK-10	MK-13	MK-18	MK-23	MK-28	MK-38	MK-55	MK-75
	Weight (jaw)	kg	350	450	585	720	1090	1305	1780	2900	3890
	Jaw opening	mm	493	580	640	740	810	850	910	990	1160
	Cutter length	mm	250	350	400	420	480	500	500	575	640




**MULTI PROCESSORS - S JAW**

			MK-7	MK-10	MK-13	MK-18	MK-23	MK-28	MK-38	MK-55	MK-75
	Weight (jaw)	kg	210	360	580	630	950	1240	1425	2280	2850
	Jaw opening	mm	250	320	400	420	480	500	525	580	700
	Cutter length	mm	310	370	410	470	510	565	565	660	755

**MULTI PROCESSORS - D JAW**

			MK-7	MK-10	MK-13	MK-18	MK-23	MK-28	MK-38	MK-55	MK-75
	Weight (jaw)	kg	360	435	575	680	1075	1235	1700	2750	3120
	Jaw opening	mm	525	600	740	835	920	945	1010	1180	1200
	Cutter length	mm	125	150	200	175	240	250	250	290	325

**MULTI PROCESSORS - T JAW**

			MK-10	MK-13	MK-18	MK-23	MK-28	MK-38	MK-55	MK-75
	Weight (jaw)	kg	320	420	560	1000	1400	1750	1900	2360
	Jaw opening	mm	180	240	270	350	370	400	400	440
	Cutter length	mm	280	405	320	400	430	500	460	530

<sup>1</sup> Recommended excavator / attachment combination  
Equipped with replaceable teeth



# HCC SERIES Concrete Crushers

The Hydraram concrete crushers are designed for demolition of tall concrete structures, industrial structures and bridges where the main element is steel-reinforced concrete.

HCC crushers' jaws are designed to effectively cut concrete. Blades located in the back of the jaws cut the reinforcement steel within concrete with ease. Made from the most durable steel HARDOX-400® with an extremely high wear resistance, minimum maintenance and a long lifespan.

More advantages of the HCC-Series concrete cutters:

- Interchangeable teeth can be easily replaced. Available on models from HCC-6V up to HCC-95V.
- Made of durable HARDOX-400® steel.
- Equipped with a speed valve for extremely fast work cycles.
- Equipped with a heavy duty double ball bearing swivel head and enhanced rotary motors.

Interchangeable teeth

Speed multiplier valve

Reversible & adjustable blades

Continuous hydraulic rotation

Completely protected reversed cylinders

# THE MUSCLE YOU NEED.



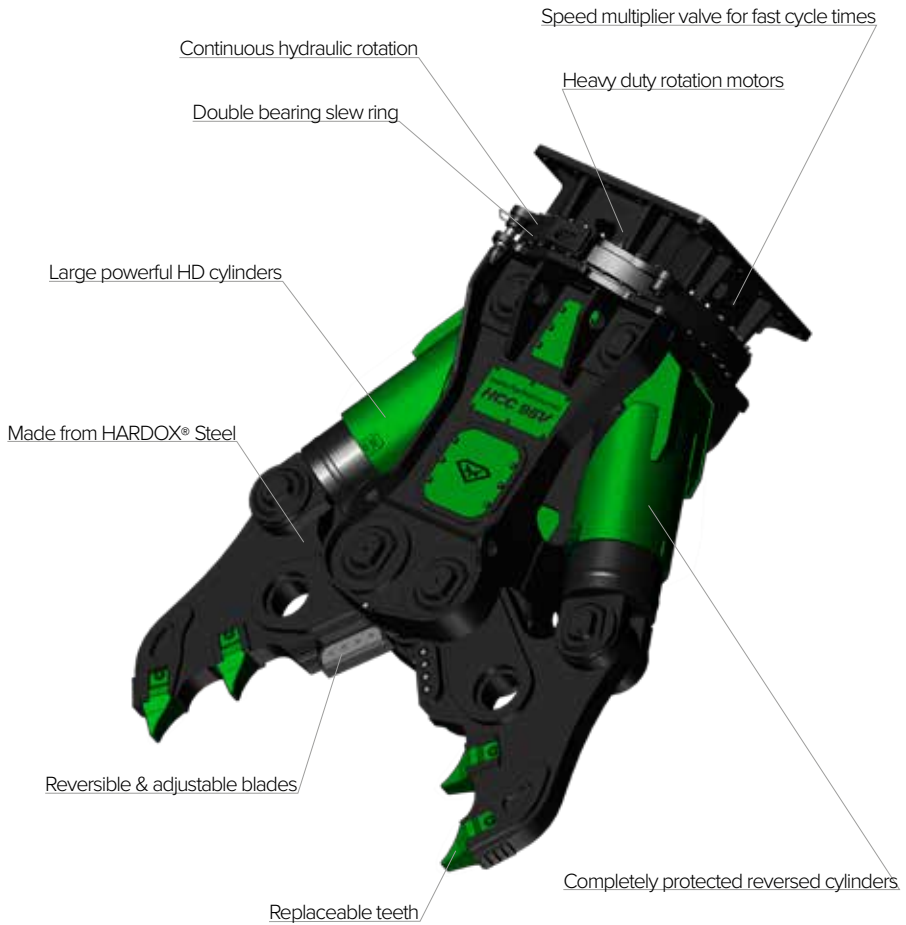











LIEBHERR

www.hydrarom.com  
HCC 95V










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



CONCRETE CRUSHERS			HCC-1V	HCC-2V	HCC-3V	HCC-6V*	HCC-12V*	HCC-16V*
 Excavator class <sup>1</sup>	t		1.5 - 3.0	2 - 4	4 - 7	5 - 10	10 - 17	16 - 21
 Weight	kg		180	250	300	610	1230	1620
 Jaw opening	mm		240	280	358	480	685	610
 Cutter length	mm		84	90	140	140	140	180
 Working pressure	bar		220	250	250	280	350	350
 Oilflow	l/min		20 - 25	40 - 60	60 - 80	80 - 150	150 - 250	180 - 250
 Working pressure rotation	bar		220	120	120	120	140	140
 Oilflow rotation	l/min		8	5	5	10	10	10
 Open/close	sec.		1.3 / 1.6	1.1 / 1.3	1.2 / 1.2	0.8 / 1.4	0.9 / 1.7	0.9 / 1.6

CONCRETE CRUSHERS			HCC-19V*	HCC-24V*	HCC-32V*	HCC-36V*	HCC-42V*	HCC-58V*
 Excavator class <sup>1</sup>	t		20 - 25	22 - 30	29 - 38	33 - 44	36 - 52	50 - 68
 Weight	kg		1960	2380	2960	3420	3920	5440
 Jaw opening	mm		820	890	1090	1300	1370	1500
 Cutter length	mm		180	180	220	260	260	325
 Working pressure	bar		350	350	350	350	350	350
 Oilflow	l/min		180 - 250	200 - 300	250 - 350	280 - 380	300 - 400	350 - 450
 Working pressure rotation	bar		140	140	140	140	140	140
 Oilflow rotation	l/min		10	10	10	10	10	30
 Open/close	sec.		1.7 / 3.3	1.8 / 3.4	2.0 / 2.6	2.7 / 3.2	3.5 / 3.1	3.6 / 3.9

CONCRETE CRUSHERS			HCC-72V*	HCC-95V*	HCC-110V	HCC-130V	HCC-150V	HCC-320V
 Excavator class <sup>1</sup>	t		66 - 88	85 - 105	90 - 130	94 - 150	100 - 200	200 - 300
 Weight	kg		7140	9380	11940	13850	15800	32000
 Jaw opening	mm		1680	1830	2050	2305	2836	3100
 Cutter length	mm		325	325	400	400	-	-
 Working pressure	bar		350	350	350	350	350	350
 Oilflow	l/min		400 - 500	450 - 650	500 - 800	500 - 800	600 - 1000	1000 - 1300
 Working pressure rotation	bar		140	140	140	140	140	250
 Oilflow rotation	l/min		30	50	50	50	50	50
 Open/close	sec.		3.8 / 4.1	3.8 / 3.9	3.7 / 4.0	3.7 / 4.1	3.8 / 4.3	4.9 / 6.1

<sup>1</sup> Recommended excavator / attachment combination

\* Equipped with replaceable teeth



# HCS SERIES **Combi Cutters**

Hydraulic combi cutters are designed for a variety of operations, such as demolition, crushing, cutting scrap and metal. HCS-Series models feature shears on the back of the jaw, making them ideal for demolition of steel structures, secondary demolition and material separation, while the teeth in the front handle building demolition and industrial demolition.

Using HARDOX-400® steel, we were able to create a tool which requires minimal maintenance and boasts a long service life.





Continuous hydraulic rotation

Integrated high speed valve

Interchangeable heavy duty teeth










Reversible & adjustable blades










Reverse cylinder

**PRECISE.  
EFFECTIVE.  
PRODUCTIVE.**

# HCS SERIES Combi Cutters



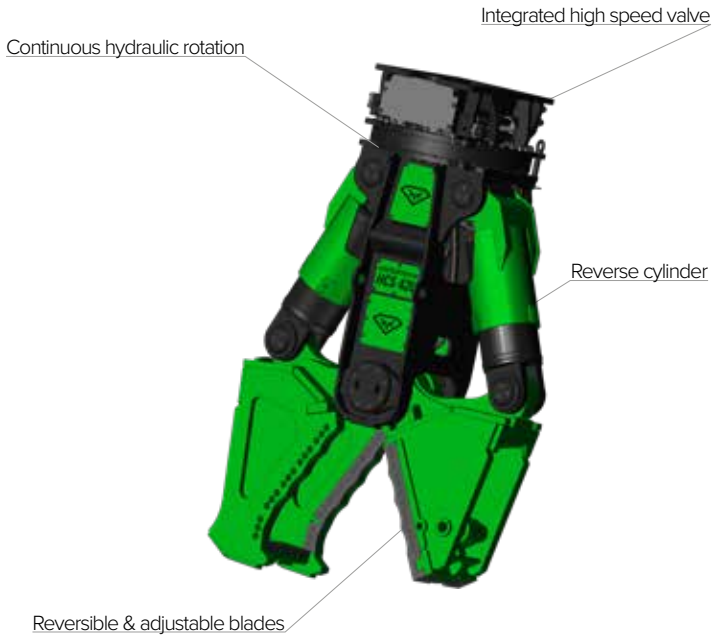
COMBI CUTTERS			HCS-15U	HCS-19U	HCS-32U	HCS-42U
 Excavator class <sup>1</sup>	t		15-22	18 - 25	24 - 37	32 - 50
 Weight	kg		1480	1980	2960	3820
 Jaw opening	mm		698	760	890	1050
 Cutter length	mm		175	350	350	525
 Working pressure	bar		350	350	350	350
 Oilflow	l/min		200	150 - 250	150 - 250	230 - 360
 Working pressure rotation	bar		140	140	140	140
 Oilflow rotation	l/min		40	40	50	50
 Open/close	sec.		1.6 / 1.7	1.5 / 1.6	2.7 / 3.0	2.8 / 3.0










COMBI CUTTERS			HCS-52U	HCS-72U	HCS-120U
 Excavator class <sup>1</sup>	t		42 - 62	52 - 86	86 - 150
 Weight	kg		4820	7180	12100
 Jaw opening	mm		1360	1430	1950
 Cutter length	mm		525	525	720
 Working pressure	bar		350	350	350
 Oilflow	l/min		350 - 450	450 - 550	500 - 800
 Working pressure rotation	bar		140	140	140
 Oilflow rotation	l/min		50	50	80
 Open/close	sec.		3.1 / 3.5	3.7 / 3.7	3.8 / 3.9

<sup>1</sup> Recommended excavator / attachment combination  
Equipped with replaceable teeth



# HCS-UP SERIES **Combi Cutters**



COMBI CUTTERS			HCS-19UP	HCS-32UP	HCS-42UP	HCS-52UP	HCS-72UP	HCS-120UP
	Excavator class <sup>1</sup>	t	18 - 25	24 - 37	32 - 50	42 - 62	52 - 86	86 - 150
	Weight	kg	2130	3140	4180	5600	7780	12850
	Jaw opening	mm	400	550	760	830	920	1380
	Cutter length	mm	520	590	740	780	820	1080
	Working pressure	bar	350	350	350	350	350	350
	Oilflow	l/min	150 - 250	200 - 300	220 - 350	350 - 500	500 - 600	500 - 800
	Working pressure rotation	bar	140	140	140	140	140	140
	Oilflow rotation	l/min	10	10	10	30	50	50
	Open/close	sec.	1.5 / 1.6	2.7 / 3.0	2.8 / 3.0	3.1 / 3.5	3.7 / 3.7	3.8 / 3.9

<sup>1</sup> Recommended excavator / attachment combination  
Equipped with replaceable teeth



# HSS SERIES Scrap Shears

The HSS scrap shear is designed for demolition of heavy steel structures and scrap processing.

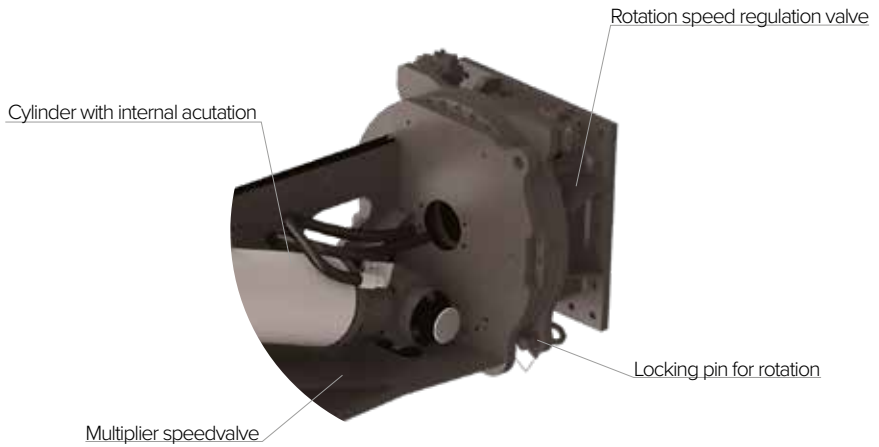
The jaw has the shape of the beak of a parrot. The materials you want to cut stay in the jaw and get pulled in with the motion of cutting. This method cuts steel quickly and effectively.

The blades in the jaw of the shear are made from specially hardened 'HSSM' tool steel. The jaws are made of the most durable HARDOX HiTuf steel, with an extremely high wear resistance.










Using these materials, we are able to create attachments which require minimal maintenance and achieve optimal production, as well as a long service life.












**CUT  
STEEL  
LIKE  
BUTTER.**












**SCRAP SHEARS**

			HSS-2RV	HSS-3RV	HSS-6RV	HSS-10RV	HSS-14RV	HSS-22RV
 Excavator class <sup>1</sup>	t		1.5 - 3	4 - 5	5 - 8	8 - 12	12 - 18	18 - 23
 Weight	kg		185	300	610	1020	1360	2180
 Jaw opening	mm		150	265	340	405	475	535
 Jaw depth	mm		200	230	320	355	385	445
 Working pressure	bar		220	220	300	350	350	350
 Oilflow	l/min		20 - 25	80 - 100	80 - 150	100 - 150	150 - 250	180 - 250
 Working pressure rotation	bar		220	120	120	120	140	140
 Oilflow rotation	l/min		8	5	10	10	10	10
 Open/close	sec.		1.3 / 1.6	1.0 / 2.8	1.0 / 2.0	1.9 / 3.6	1.9 / 2.5	2.0 / 2.8

**SCRAP SHEARS**

			HSS-28RV	HSS-34RV	HSS-45RV	HSS-52RV	HSS-62RV
 Excavator class <sup>1</sup>	t		23 - 32	30 - 42	40 - 55	52 - 65	55 - 78
 Weight	kg		2840	3360	4380	5160	6480
 Jaw opening	mm		575	615	680	730	780
 Jaw depth	mm		495	545	600	640	690
 Working pressure	bar		350	350	350	350	350
 Oilflow	l/min		200-300	200-300	300 - 400	350 - 450	400 - 500
 Working pressure rotation	bar		140	140	140	140	140
 Oilflow rotation	l/min		10	10	10	10	30
 Open/close	sec.		2.9 / 2.9	3.9 / 4.1	3.4 / 4.0	3.2 / 4.0	3.0 / 4.1

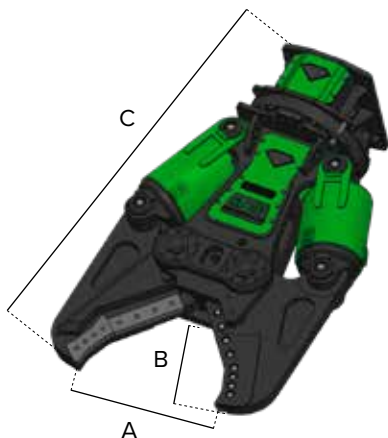
**SCRAP SHEARS**






			HSS-82RV	HSS-110RV	HSS-140RV	HSS-180RV	HSS-220RV
 Excavator class <sup>1</sup>	t		75 - 100	100 - 150	140 - 170	140 - 210	200 - 280
 Weight	kg		8230	11680	14300	18340	21850
 Jaw opening	mm		845	920	1078	1100	1180
 Jaw depth	mm		710	780	1020	1080	1130
 Working pressure	bar		350	350	350	350	350
 Oilflow	l/min		450 - 600	500 - 800	600 - 900	700 - 1000	900 - 1200
 Working pressure rotation	bar		140	140	140	240	240
 Oilflow rotation	l/min		30	50	50	50	50
 Open/close	sec.		3.8 / 4.7	4.2 / 5.1	4.3 / 5.2	4.6 / 5.3	4.8 / 5.8






<sup>1</sup> Recommended excavator / attachment combination  
Equipped with replaceable blades



# HRS SERIES Steel Cutters



STEEL CUTTERS			HRS-3T	HRS-6T	HRS-10T	HRS-16T
 Excavatorclass <sup>1</sup>	t.		3 - 7	6 - 12	10 - 18	16 - 25
 Weight	kg.		340	520	1020	1580
 Cutter length	mm		165+103	205+155	260+175	325+210
 Workingpressure	bar		200	240	240	300
 Oilflow	l/min		60	80	150	250
A -	mm		225	375	505	680
B -	mm		180	280	400	500
C -	mm		1120	1310	1570	1950

STEEL CUTTERS			HRS-27T	HRS-46T	HRS-64T
 Excavatorclass <sup>1</sup>	t.		24 - 38	38 - 62	60 - 85
 Weight	kg.		2760	4600	6400
 Cutter length	mm		350+260	350+360	400+400
 Workingpressure	bar		320	320	350
 Oilflow	l/min		280	350	400
A -	mm		740	800	920
B -	mm		550	650	750
C -	mm		2207	a:3200 b:4000	b: 5000

<sup>1</sup> Recommended excavator / attachment combination














# HTP SERIES Hydraulic Tyre Processor



## HYDRAULIC TYRE PROCESSOR

## HTP-25R

HYDRAULIC TYRE PROCESSOR		HTP-25R	
	Excavatorclass - bucket <sup>1</sup>	t.	26 - 34
	Excavatorclass - boom <sup>1</sup>	t.	16 - 22
	Working Weight	kg.	2700
	Weight	kg.	2530
	Jaw opening	mm	680
	Jaw depth	mm	3060
	Workingpressure	bar	340
	Oilflow	l/min	200 - 240
	Workingpressure rotation	bar	140
	Oilflow rotation	l/min	30
	Length	mm	510

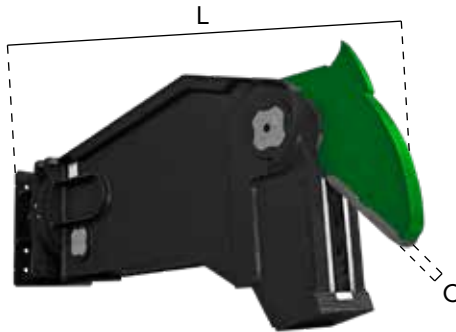
<sup>1</sup> Recommended excavator / attachment combination



# HTS SERIES Tank Shears

The HTS series tank shears are a special attachment for cutting tanks and flat iron surfaces.

They can cut a rectangular slot in steel, creating smooth and straight edges on steel plates on barges, railroad cars, grain, water, oil and fuel tanks. This keeps the cutouts flat and easy to manage. They are suitable for cutting flat iron with a thickness of 20 to 40 mm.



TANK SHEARS			HTS-22T	HTS-28T	HTS-38T	HTS-68T
 Excavatorclass <sup>1</sup>	t.		20 - 28	24 - 35	32 - 47	65 - 85
 Weight	kg.		2200	2850	3700	6500
 Jaw opening	mm		330	355	380	400
 Jaw depth	mm		450	500	580	650
C	mm		100	120	140	150
L	mm		2600	2750	3050	3500
 Workingpressure	bar		340	350	350	350
 Oilflow	l/min		150 - 250	200 - 300	250 - 350	350 - 450
 Workingpressure rotation	bar		110	110	110	110
 Oilflow rotation	l/min		30	30	30	30
 Cutting capacity	mm		20	25	35	40

<sup>1</sup> Recommended excavator / attachment combination

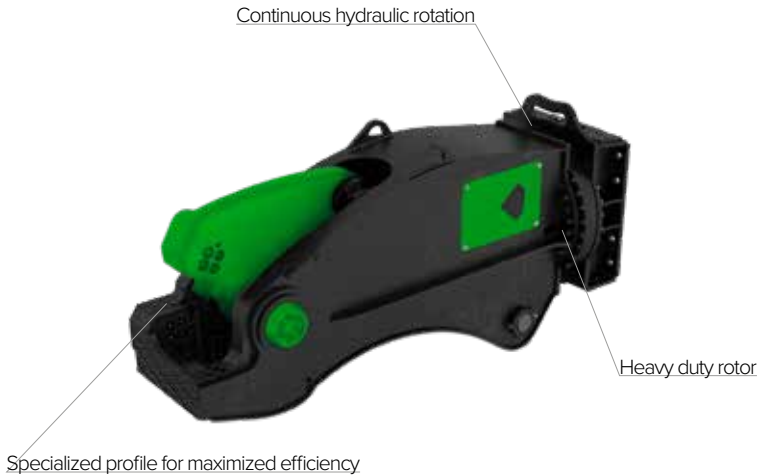









# HRC SERIES Rail Croppers

The HRC-series hydraulic shear is used to efficiently cut tram, metro and railway tracks.

This tool can adjust to your needs, since it can be mounted on a 'normal' boom and a dipper boom.

It is equipped with a special Heavy Duty rotor that guarantees high reliability and durability, allowing easy positioning and accuracy.



RAIL CROPPERS			HRC-26R	HRC-42R
 Excavator class <sup>1</sup>	t		22 - 34	34 - 52
 Weight	kg		2680	4050
 Jaw opening	mm		225	240
 Working pressure	bar		350	350
 Oilflow	l/min		200 - 300	300 - 450
 Working pressure rotation	bar		190	190
 Oilflow rotation	l/min		35	35

<sup>1</sup> Recommended excavator / attachment combination



# HFP SERIES Fixed Pulverizers








The Hydraram HFP-Pulverizer is specially designed for the secondary demolition and recycling. The shape of the jaws of the crusher is designed to pick up and crush concrete as effectively as possible.








Interchangeable teeth are standard on all models. The steel cutters in the back of the pulverizers' jaw can cut reinforcement steel easily.

This tool is made out of the most durable steel HARDOX-400® with an extremely high wear resistance, resulting in minimum maintenance and a long lifespan.

The installed speed multiplier valve ensures fast work cycles.



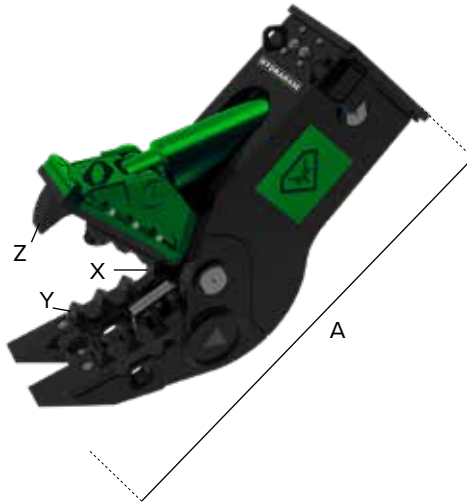
FIXED PULVERIZERS			HFP-4V	HFP-7V	HFP-15V	HFP-22V
 Excavator class <sup>1</sup>	t		4 - 7	6 - 10	13 - 19	18 - 28
 Weight	kg		460	740	1420	2180
 Jaw opening	mm		465	530	730	825
 Cutter length	mm		140	140	220	260
 Working pressure	bar		320	320	350	350
 Oilflow	l/min		80 - 150	80 - 150	120 - 200	200 - 300
 Open/close	sec.		2.8 / 3.2	3.4 / 5.3	2.0 / 2.6	2.0 / 2.7

FIXED PULVERIZERS			HFP-28V	HFP-35V	HFP-48V	HFP-72V
 Excavator class <sup>1</sup>	t		25 - 35	33 - 45	42 - 68	65 - 85
 Weight	kg		2820	3420	4760	6980
 Jaw opening	mm		870	950	1130	1250
 Cutter length	mm		260	260	300	325
 Working pressure	bar		350	350	350	350
 Oilflow	l/min		250 - 350	300 - 400	350 - 500	450 - 600
 Open/close	sec.		3.0 / 3.2	2.8 / 2.7	2.6 / 2.9	3.0 / 3.7

<sup>1</sup> Recommended excavator / attachment combination



# HFP-VX SERIES Fixed Pulverizers



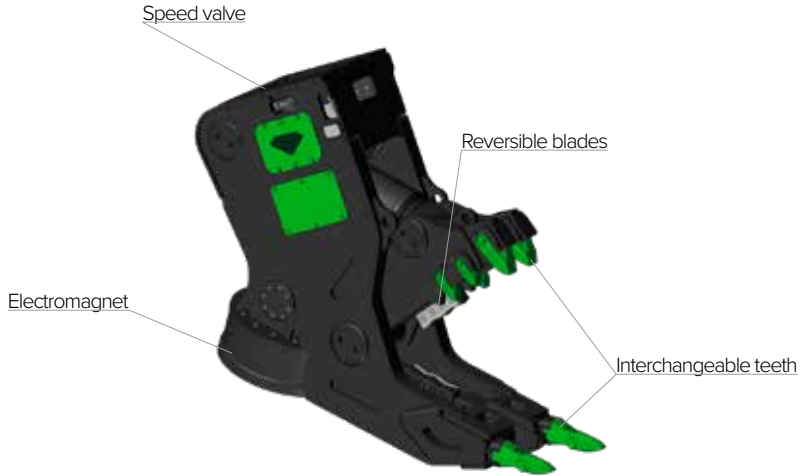
## FIXED PULVERIZERS

			HFP-16VX	HFP-20VX	HFP-30VX	HFP-40VX
Excavator class <sup>1</sup>	t		15 - 25	20 - 35	27 - 45	35 - 60
Weight	kg		1600	2000	3000	4000
Jaw opening	mm		745	840	980	1200
Cutter length	mm		200	200	300	300
Working pressure	bar		350	350	350	350
Oilflow	l/min		140 - 200	200 - 250	220 - 280	260 - 340
A	mm		2090	2230	2450	2750
X	t		240	285	355	415
Y	t		100	125	155	200
Z	t		70	80	95	110
Max. diameter	mm		35	45	55	70

<sup>1</sup> Recommended excavator / attachment combination  
Equipped with replaceable teeth, blades and plates










# HFP-VM SERIES **Fixed Pulverizer with Magnet**



Equipped with a 24 volt/1kW electric magnet system  
Works on the 24V battery of the excavator, no extra battery or alternator needed!

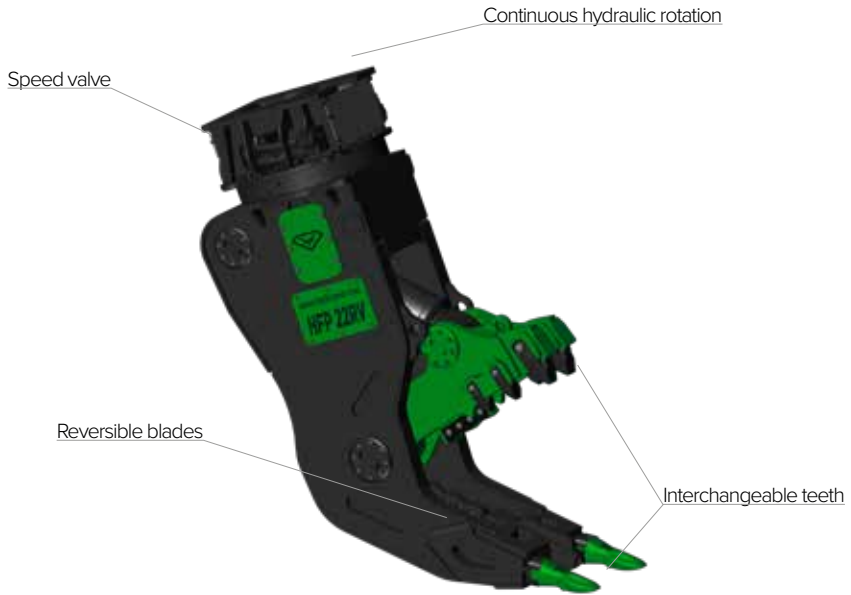


FIXED PULVERIZERS - MAGNET			HFP-22VM	HFP-28VM	HFP-35VM
	Excavator class <sup>1</sup>	t	22 - 32	28 - 38	35 - 52
	Weight	kg	2680	3480	4280
	Jaw opening	mm	810	870	950
	Cutter length	mm	260	260	260
	Working pressure	bar	350	350	350
	Oilflow	l/min	200 - 300	250 - 350	300 - 400
	Open/close	sec.	2.0 / 2.7	3.0 / 3.2	2.8 / 2.7










<sup>1</sup> Recommended excavator / attachment combination  
Equipped with replaceable teeth



# HFP-RV SERIES **Fixed Pulverizer with Rotation**



## ROTATING PULVERIZERS

			HFP-15RV	HFP-22RV	HFP-28RV	HFP-35RV
	Excavator class <sup>1</sup>	t	16 - 22	23 - 28	25 - 38	36 - 50
	Weight	kg	1640	2425	3340	3750
	Jaw opening	mm	730	825	870	950
	Cutter length	mm	220	260	260	260
	Working pressure	bar	350	350	350	350
	Oilflow	l/min	120 - 200	200 - 300	250 - 350	300 - 400
	Working pressure rotation	bar	140	140	140	140
	Oilflow rotation	l/min	10	20	30	30
	Open/close	sec.	2.0 / 2.6	2.0 / 2.7	3.0 / 3.2	2.8 / 2.7

<sup>1</sup> Recommended excavator / attachment combination  
Equipped with replaceable teeth



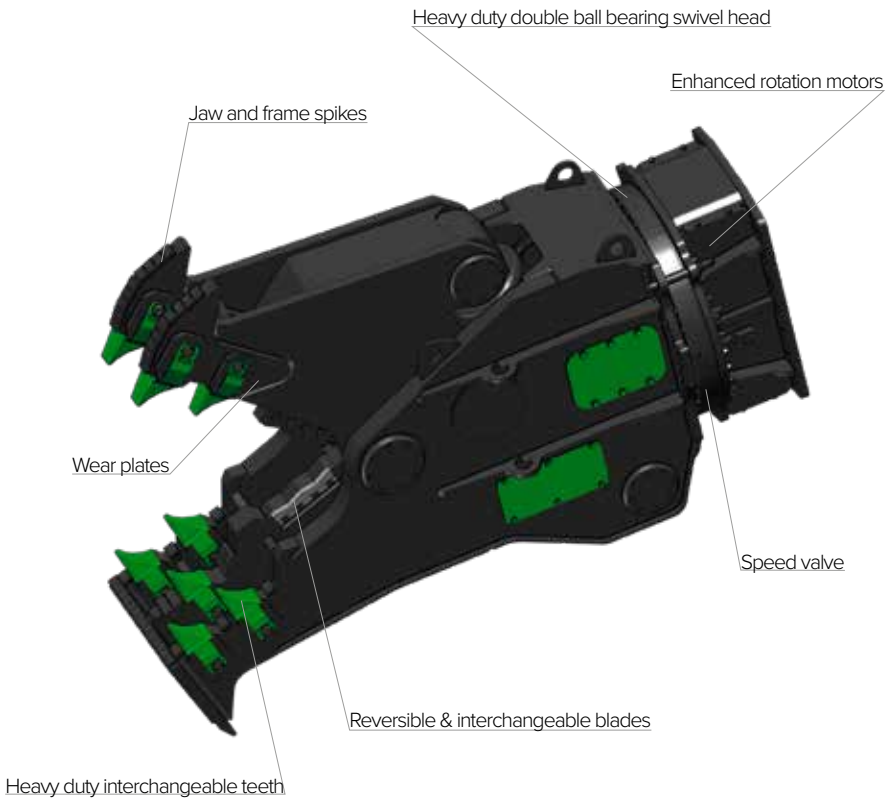
# HRP SERIES Rotating Pulverizers

The HRP pulverizers are specially constructed hydraulic rotating concrete crushers for primary demolition of buildings and recycling.

The slew ring eliminates the forces on the excavator, and the machine is less stressed. The shape of the jaws of the crusher is used to crush concrete as effectively as possible. The pulverizer can easily cut the reinforcement steel within concrete boulders with the steel cutters located in the back of its jaw.










HRP pulverizers are made with the most durable HARDOX-400® steel with an extremely high wear resistance.

With all these advantages combined, the rotating concrete pulverizer requires minimum maintenance and guarantees a long lifespan.














### ROTATING PULVERIZERS

			HRP-6V	HRP-12V	HRP-16V	HRP-20V	HRP-26V	HRP-32V
	Excavator class <sup>1</sup>	t	6 - 9	9 - 14	13 - 18	18 - 26	23 - 30	29 - 38
	Weight	kg	570	1120	1430	2080	2630	3280
	Jaw opening	mm	480	655	705	745	870	915
	Cutter length	mm	180	140	220	220	260	260
	Working pressure	bar	280	350	350	350	350	350
	Oilflow	l/min	40 - 100	150 - 250	180 - 250	180 - 250	200 - 300	250 - 350
	Working pressure rotation	bar	140	140	140	140	140	140
	Oilflow rotation	l/min	5	10	10	10	10	10
	Open/close	sec.	2.2 - 2.4	1.4 / 2.7	1.4 / 2.9	2.3 / 2.9	2.9 / 3.9	3.0 / 3.2

### ROTATING PULVERIZERS

			HRP-42V	HRP-62V	HRP-82V	HRP-120V	HRP-220V	HRP-280V
	Excavator class <sup>1</sup>	t	36 - 52	51 - 72	68 - 88	86 - 130	120 - 200	150 - 250
	Weight	kg	4060	5880	7860	12800	22900	26400
	Jaw opening	mm	980	1120	1320	1700	1900	2050
	Cutter length	mm	260	260	325	500	500	500
	Working pressure	bar	350	350	350	350	350	350
	Oilflow	l/min	300 - 400	400 - 500	450 - 600	500 - 800	900 - 1200	900 - 1200
	Working pressure rotation	bar	140	140	140	140	140	140
	Oilflow rotation	l/min	10	30	30	50	50	50
	Open/close	sec.	3.7 / 3.7	3.2 / 3.5	3.0 / 3.7	4.3 / 4.4	6.9 / 7.0	6.9 / 7.0

<sup>1</sup> Recommended excavator / attachment combination



# HRP-VX SERIES Rotating Pulverizers



ROTATING PULVERIZERS			HRP-4VX	HRP-7VX	HRP-11VX	HRP-14VX	HRP-18VX	HRP-21VX
	Excavator class <sup>1</sup>	t	3 - 8	6 - 13	9 - 17	12 - 20	14 - 23	16 - 27
	Weight	kg	340	620	1100	1480	1780	2100
	Jaw opening	mm	415	520	605	655	7220	780
	Cutter length	mm	120	150	150	160	200	200
	Working pressure	bar	280	320	320	350	350	350
	Oilflow	l/min	30 - 70	60 - 100	70 - 110	110 - 160	140 - 200	180 - 230
	Working pressure rotation	bar	100	100	100	140	140	140
	Oilflow rotation	l/min	10 - 25	20 - 40	20 - 40	30 - 60	40 - 60	40 - 60
	Max. diameter	mm	28	30	30	40	40	50

ROTATING PULVERIZERS			HRP-24VX	HRP-35VX	HRP-45VX	HRP-52VX	HRP-72VX
	Excavator class <sup>1</sup>	t	20 - 32	26 - 40	32 - 55	50 - 70	65 - 90
	Weight	kg	2480	3500	4400	4980	6870
	Jaw opening	mm	880	1000	1100	1250	1400
	Cutter length	mm	200	200	250	250	250
	Working pressure	bar	350	350	350	350	350
	Oilflow	l/min	200 - 300	250 - 350	350 - 450	400 - 500	450 - 600
	Working pressure rotation	bar	140	140	140	140	140
	Oilflow rotation	l/min	40 - 60	40 - 60	40 - 60	40 - 60	50 - 70
	Max. diameter	mm	55	60	65	70	80

<sup>1</sup> Recommended excavator / attachment combination  
Equipped with replaceable teeth, blades and plates












# HDG SERIES Demolition & Sorting Grabs



\* Models HDG-88R and above

\*\* Models HDG-130R and above

DEMOLITION GRABS			HDG-8R	HDG-10R	HDG-15R	HDG-25R	HDG-34R	HDG-42R
 Excavator class <sup>1</sup>	t		0.7 - 1.2	1 - 2	1.2 - 3	3 - 5	3.5 - 5.5	4 - 6
 Weight	kg		100	120	200	290	340	400
 Working pressure	bar		300	300	300	300	300	300
 Oilflow	l/min		15	20	25	35	35	40
 Working pressure rotation	bar		210	210	210	210	210	210
 Oilflow rotation	l/min		5	5	10	10	10	12
 Shell width	mm		300	350	450	500	500	600
 Opening width	mm		600	770	800	1160	1160	1400
 Height	mm		600	640	700	720	770	900
 Capacity	ltr		30	50	70	100	120	150
 Closing force	kN		8	12	18	22	24	26

<sup>1</sup> Recommended excavator / attachment combination






DEMOLITION GRABS			HDG-46R	HDG-52R	HDG-62R	HDG-88R	HDG-110R	HDG-130R
Excavator class <sup>1</sup>	t		5 - 9	7 - 12	10 - 15	12 - 18	14 - 22	15 - 24
Weight	kg		450	560	680	980	1140	1220
Working pressure	bar		300	320	350	350	350	350
Oilflow	l/min		50	70	90	100	120	120
Working pressure rotation	bar		210	210	210	210	210	210
Oilflow rotation	l/min		12	15	15	25	25	25
Shell width	mm		700	700	600	800	800	900
Opening width	mm		1500	1550	1750	1800	1950	1950
Height	mm		950	1000	1100	1200	1250	1250
Capacity	ltr		200	200	300	400	500	600
Closing force	kN		28	30	36	45	50	50












DEMOLITION GRABS			HDG-150R	HDG-180R	HDG-210R	HDG-240R	HDG-280R	HDG-310R
Excavator class <sup>1</sup>	t		17 - 25	18 - 28	20 - 30	22 - 32	24 - 36	25 - 38
Weight	kg		1380	1520	1640	1830	1980	2030
Working pressure	bar		350	350	350	350	350	350
Oilflow	l/min		120	150	160	170	170	170
Working pressure rotation	bar		210	210	210	210	210	210
Oilflow rotation	l/min		25	35	35	35	35	35
Shell width	mm		1000	900	1000	1200	1200	1200
Opening width	mm		1950	2100	2100	2100	2250	2400
Height	mm		1300	1500	1500	1500	1500	1500
Capacity	ltr		700	750	800	850	900	900
Closing force	kN		50	62	68	72	80	80

<sup>1</sup> Recommended excavator / attachment combination





DEMOLITION GRABS			HDG-340R	HDG-380R	HDG-420R	HDG-480R	HDG-520R	HDG-580R
 Excavator class <sup>1</sup>	t		28 - 42	30 - 45	32 - 52	35 - 54	42 - 64	45 - 80
 Weight	kg		2280	2840	3060	3420	4360	4700
 Working pressure	bar		350	350	350	350	350	350
 Oilflow	l/min		170	200	200	200	250	250
 Working pressure rotation	bar		210	210	210	210	210	210
 Oilflow rotation	l/min		35	35	35	35	40	50
 Shell width	mm		1200	1200	1360	1500	1500	1500
 Opening width	mm		2250	2250	2250	2450	2850	2850
 Height	mm		1500	1650	1650	1650	1800	1825
 Capacity	ltr		950	1000	1100	1300	1500	1550
 Closing force	kN		90	95	100	110	148	152










DEMOLITION GRABS			HDG-640R	HDG-820R	HDG-1400R
 Excavator class <sup>1</sup>	t		50 - 85	80 - 140	120 - 240
 Weight	kg		5420	8120	14200
 Working pressure	bar		350	350	350
 Oilflow	l/min		260	320	350
 Working pressure rotation	bar		210	250	250
 Oilflow rotation	l/min		60	60	100
 Shell width	mm		1500	1600	1800
 Opening width	mm		3000	3500	4400
 Height	mm		1850	2300	3000
 Capacity	ltr		1600	2000	4600
 Closing force	kN		155	180	220



<sup>1</sup> Recommended excavator / attachment combination



# HDG-ZD SERIES Demolition & Sorting Grabs



DEMOLITION GRABS			HDG-8ZD	HDG-10ZD	HDG-15ZD	HDG-25ZD	HDG-42ZD
 Excavator class <sup>1</sup>	t		0.6 - 1	0.8 - 1.8	1 - 2.5	2.5 - 4	4 - 6
 Weight	kg		70	90	150	200	280
 Working pressure	bar		300	300	300	300	300
 Oilflow	l/min		15	20	25	35	40
 Shell width	mm		300	350	450	500	600
 Opening width	mm		600	770	800	1160	1400
 Height	mm		420	450	550	650	800
 Capacity	ltr		30	40	70	100	150
 Closing force	kN		6	7	15	20	23








DEMOLITION GRABS			HDG-46ZD	HDG-52ZD	HDG-62ZD	HDG-88ZD	HDG-110ZD
 Excavator class <sup>1</sup>	t		5 - 9	7 - 11	7 - 12	10 - 16	12 - 20
 Weight	kg		330	380	500	600	775
 Working pressure	bar		300	300	350	350	350
 Oilflow	l/min		50	50	90	100	120
 Shell width	mm		700	700	600	800	800
 Opening width	mm		1500	1500	1700	1750	1950
 Height	mm		820	820	950	950	1100
 Capacity	ltr		200	200	300	400	500
 Closing force	kN		24	24	30	35	46

<sup>1</sup> Recommended excavator / attachment combination






#### DEMOLITION GRABS

			HDG-130ZD	HDG-150ZD	HDG-180ZD	HDG-210ZD	HDG-240ZD
	Excavator class <sup>1</sup>	t	13 - 20	15 - 20	16 - 25	17 - 28	20 - 28
	Weight	kg	785	800	1100	1200	1300
	Working pressure	bar	350	350	350	350	350
	Oilflow	l/min	120	120	150	160	170
	Shell width	mm	900	1000	900	1000	1200
	Opening width	mm	1950	1950	2100	2100	2100
	Height	mm	1100	1100	1200	1200	1200
	Capacity	ltr	600	700	750	800	850
	Closing force	kN	46	46	55	68	68

#### DEMOLITION GRABS

			HDG-280ZD	HDG-310ZD	HDG-340ZD	HDG-380ZD	HDG-420ZD
	Excavator class <sup>1</sup>	t	23 - 30	25 - 38	25 - 38	28 - 40	30 - 50
	Weight	kg	1400	1620	1880	2180	2450
	Working pressure	bar	350	350	350	350	350
	Oilflow	l/min	170	170	180	200	200
	Shell width	mm	1200	1200	1200	1200	1360
	Opening width	mm	2250	2400	2250	2250	2250
	Height	mm	1250	1250	1250	1270	1270
	Capacity	ltr	900	950	900	1000	1100
	Closing force	kN	80	80	80	90	90

<sup>1</sup> Recommended excavator / attachment combination










# HCD SERIES Car Dismantlers

The Hydraram car dismantler is a sophisticated hydraulic excavator attachment specialized in taking apart the key parts and materials of cars, making them easier to reuse or recycle. The jaw is fully rotational and can tear apart components and quickly recycle with precision, all with no preprocess required.

The thin cutting knives of the HCD car dismantler are perfect for scrapping thin metal sheets. The cutting force is sufficient to cut cars, buses and light trucks.

With the car dismantler attachment, you can easily complete the removal operations of all plastics, windows, cables and all non ferrous metals with only one excavator on site.



CAR DISMANTLER		HCD-15R	
 Excavator class <sup>1</sup>	t	16 - 25	
 Weight	kg	1520	
 Jaw opening	mm	655	
 Working pressure	bar	310	
 Oilflow	l/min	180 - 250	
 Working pressure rotation	bar	140	
 Oilflow rotation	l/min	10	

<sup>1</sup> Recommended excavator / attachment combination










# HMR SERIES Multi-recyclers

The HMR-series Multi-recycler is designed to cut and reduce various materials. The resulting materials can be used for further processing or moved from the site more easily after being cut to a manageable size.

The convenience of the HMR multi-recycler is in its mobility. If you are looking for a tool which will help you reduce recycling yards, the HMR multi-recycler is an excellent solution.

Suitable for cutting:  
 Wood  
 Paper  
 Plastic  
 Light scrap



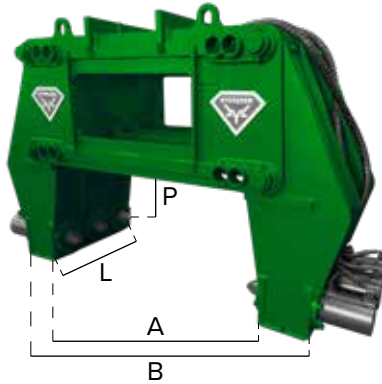
MULTI RECYCLER		HMR-15V	
 Excavator class <sup>1</sup>	t	13 - 22	
 Weight	kg	1480	
 Jaw opening	mm	780	
 Cutter length	mm	720	
 Working pressure	bar	340	
 Oilflow	l/min	200	
 Open/close	sec.	2.0 / 2.6	

<sup>1</sup> Recommended excavator / attachment combination












# HWC SERIES Wall Crushers

Hydraram Wall Crushers are an evolution in efficient wall breaking. The structure of the machine is optimized to encase especially thick concrete structures and leave only rebar behind. These wall crushers are available with and without rotation. They are intended for carriers from 35 to 60 tons.



## WALL CRUSHERS

			HWC-1500	HWC-1500R
	Excavatorclass <sup>1</sup>	t.	35-60	35-60
	Weight	kg.	4650	5300
	Workingpressure	bar	340	340
	Oilflow	l/min	200	200
	Workingpressure rotation	bar	-	140
	Oilflow rotation	l/min	-	10
	Cylinders		6	6
	Force	t.	181	181
A	-	mm	1000/1200/1500	1000/1200/1500
B	-	mm	2650/2850/3150	2650/2850/3150
	Height	mm	1900	2300
L	-	mm	950	950
P	-	mm	700	700

<sup>1</sup> Recommended excavator / attachment combination



# HPC SERIES Pile Crackers

HPC pile crackers can be used for demolition of square and round foundation piles.







Hydraram developed the pile crackers as an alternative for dismantling with hand hammers, which is very time-consuming.

When piles remain 1 to 2 meters above ground level and need to be removed, it is ideal to keep the rebar intact. Pulverizers usually cannot handle the diameter of piles and damage the rebar in the process, so a pile cracker tool is necessary for safe and easy pile removal and rebar preservation.



Low vibration & noise pollution

Interchangeable teeth

PILE CRACKERS			HPC-350	HPC-500	HPC-600	HPC-700	HPC-900
 Excavator class <sup>1</sup>	t		13 - 24	16 - 26	16 - 26	18 - 30	18 - 30
 Weight	kg		1200	1650	1780	1840	2050
 Working pressure	bar		300	300	300	300	300
 Oilflow	l/min		200	200	200	200	200
 Production output	st.		200 - 300	200 - 300	200 - 300	200 - 300	200 - 300
 Diameter pile	mm <sup>2</sup>		∅220 - 350	∅320 - 500	∅350 - 600	∅400 - 700	∅500 - 900

<sup>1</sup> Recommended excavator / attachment combination



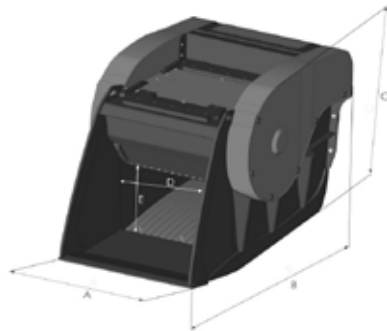
# HCBSERIES Crushing Buckets






The Hydraram crushing bucket is specifically for breaking concrete and bricks at the jobsite, and is the first of its kind on the market.

There are numerous applications possible: demolition and construction work in general, remediation of industrial and urban waste, processing materials from quarries, the earthmoving sector, road works, mining, environmental remediation, crushing rocks.

The crushing buckets are made from the most durable HARDOX-400® steel with an extremely high wear resistance, minimum maintenance and a long lifespan.

Easily replaceable wear parts



CRUSHING BUCKETS			HCBS-16	HCBS-26	HCBS-32	HCBS-42	HCBS-56
	Excavator class <sup>1</sup>	t	14 - 22	22 - 32	28 - 38	36 - 50	40 - 65
	Weight*	kg	1720	2380	3310	4280	5570
	Working pressure	bar	270	300	300	300	300
	Oilflow	l/min	90 - 100	130 - 140	130 - 140	170 - 180	250 - 300
A	-	mm	740	900	1030	1100	1390
B	-	mm	1800	2050	2050	2150	2250
C	-	mm	1100	1330	1330	1400	1450
D	-	mm	600	700	820	900	1200
E	-	mm	450	500	500	500	550
	Capacity	ltr	200	200	300	400	500

<sup>1</sup> Recommended excavator / attachment combination

\* The above mentioned weight is without connection plate





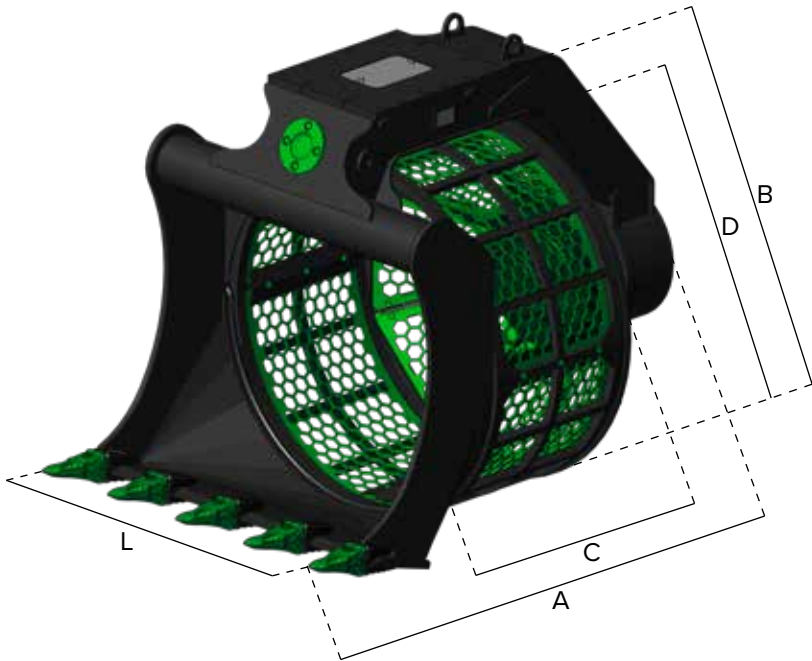
**RECYCLING  
MADE EASY.**

# HSB SERIES Rotating Screening Buckets

The HSB rotating screening buckets are specially designed to quickly and effectively screen material. They are ideal for sorting natural material in the best way manageable.

They can be used for many applications: primary sorting of waste and demolition materials, screening of backfill for excavations and materials for rocky terrain rehabilitation; gravel sorting in streams and beach cleaning. They are perfect in all circumstances where finer material must be obtained or where materials of different thicknesses have to be sorted. This can also help manage transportation costs, since you have the possibility of excluding any unwanted materials within the transportation load.

The screening buckets are made of the most durable HARDOX-400® steel with an extremely high wear resistance, minimum maintenance and a long lifespan.



The mesh size of the screen is easily adjusted by changing screen panels. There are screening kits available in the 20-150 mm range.

SCREENING BUCKETS			HSB-200	HSB-300	HSB-400	HSB-700	HSB-1400
	Excavator class <sup>1</sup>	t	1.5 - 2.5	3 - 5	5 - 8	8 - 12	13 - 16
	Weight	kg	165	300	420	755	1380
	Capacity SAE	m <sup>3</sup>	0.2	0.3	0.5	0.7	1.3
	Working pressure	bar	100 - 120	100 - 120	100 - 120	100 - 120	200 - 220
	Oilflow	l/min	20 - 30	30 - 50	30 - 50	50 - 70	40 - 80
	Rotation	rpm	24 - 32	18 - 24	18 - 24	18 - 24	18 - 35
A	-	mm	740	1070	1175	1480	1950
B	-	mm	630	805	930	1055	1460
C	-	mm	320	445	515	690	790
D	-	mm	500	640	750	840	1170
L	-	mm	520	700	800	900	2200

SCREENING BUCKETS			HSB-1600	HSB-1900	HSB-2600	HSB-4900
	Excavator class <sup>1</sup>	t	17 - 21	22 - 30	31 - 40	41 - 55
	Weight	kg	1635	1875	2600	4955
	Capacity SAE	m <sup>3</sup>	1.7	2.1	2.8	5.3
	Working pressure	bar	200 - 220	200 - 220	200 - 220	200 - 220
	Oilflow	l/min	40 - 80	40 - 80	40 - 80	40 - 80
	Rotation	rpm	18 - 35	18 - 35	18 - 35	18 - 35
A	-	mm	2190	2250	2600	2950
B	-	mm	1650	1890	2000	2410
C	-	mm	925	980	1040	1360
D	-	mm	1340	1560	1700	2000
L	-	mm	1400	1600	1750	2000

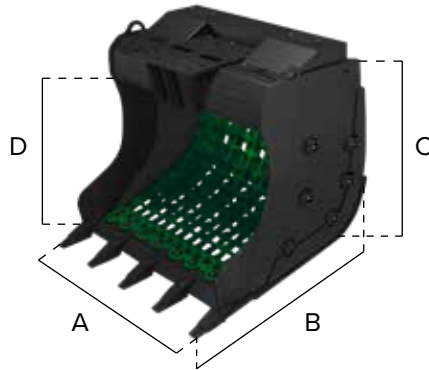
<sup>1</sup> Recommended excavator / attachment combination





**SORT  
IT OUT.**

# HVB SERIES Vibrating Screening Buckets



Interchangeable grid kits






- Piston motor
- Alternated grid motion system
- Centralized greasing system

Grill kit spacing dimensions

- 28 x 100 mm
- 50 x 50 mm
- 80 x 80 mm
- 50 x 200 mm
- 100 x 100 mm



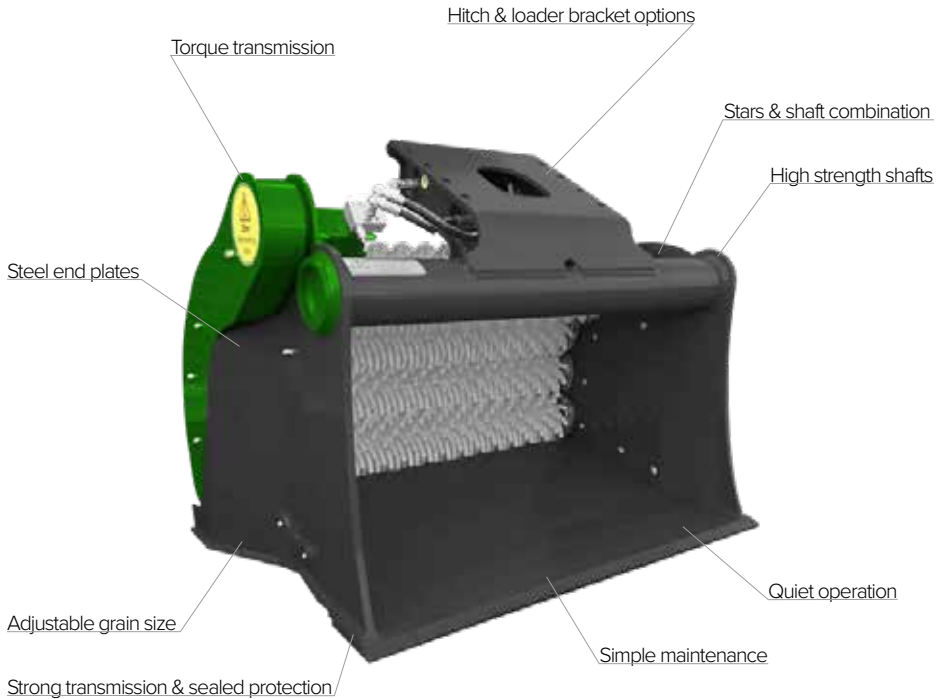
## VIBRATING SCREENING BUCKETS

			HVB-16 HD	HVB-22 HD	HVB-32 HD	HVB-42 HD
	Excavator class <sup>1</sup>	t	13 - 20	20 - 30	30 - 45	42 - 58
	Weight	kg	1620	2080	3140	4160
	Working pressure	bar	230	230	230	230
	Oilflow	l/min	130 - 140	130 - 140	150 - 170	160 - 180
	Capacity	m <sup>3</sup>	0.75	1.4	2	2.7
A	-	mm	1200	1500	2000	2910
B	-	mm	1540	1620	1750	1620
C	-	mm	1220	1430	1545	1430
D	-	mm	1220	1430	1545	1430

<sup>1</sup> Recommended excavator / attachment combination



# HPS SERIES Powerscreeners












The HPS-series screening bucket is the first screening bucket in the world to use polyurethane stars for the best results. With the HPS bucket you can freely sift through:








- Compost
- Top Soil
- Sand
- Stone
- Fertiliser
- Gypsum
- Mixed waste
- Gully waste
- Street waste
- Fine screening
- Cable padding
- Knotweed

The polyurethane stars are light, durable, flexible and self-cleaning. The stars have a repellent finger profile that is gentle on sensitive material such as roots, vegetation and turf and will not cause chopping or pinching. The lightweight stars allow for a huge screening area with exceptional performance. The large arc design rotates the material as it is being screened, ensuring complete separation. The bucket is screening throughout its cycle, with no time wasted in stopping and reversing the shafts.

The complete design of the HPS allows for quick shaft removal. The polyurethane stars are easy to replace, reducing downtime. The bearings are protected from contamination and easy to lubricate.

The polyurethane stars reduce the operating noise of the screening buckets compared to static and steel disc machines, which is a big advantage on sensitive sites.

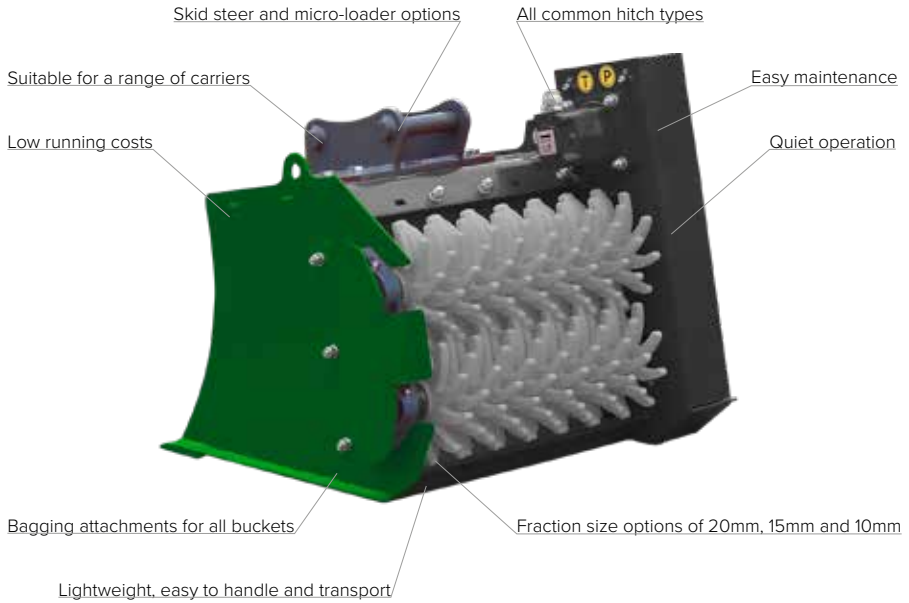
POWERSCREENERS			HPS-250EL	HPS-300EL	HPS-350EL	HPS-450EL	HPS-650EL	HPS-1000EL
 Excavator class <sup>1</sup>	t.		2.2 - 4	3 - 5	4 - 6	4 - 9	8 - 14	10 - 20
 Weight	kg.		255	280	345	455	635	985
 Working pressure	bar		70 - 180	70 - 180	70 - 180	70 - 180	70 - 180	70 - 180
 Oilflow	l/min		40	45	50	55	64	70
 Shafts			3	3	3	4	5	5
 Width	mm		910	1070	1300	1300	1402	1560
 Shaft width	mm		640	825	1056	1056	1150	1260
 Production output	t./hr		15	25	35	45	60	75
 Capacity	m <sup>3</sup>		0.14	0.19	0.24	0.36	0.48	0.6







POWERSCREENERS			HPS-1200EL	HPS-1700E	HPS-2000EL	HPS-2500L	HPS-2800L
 Excavator class <sup>1</sup>	t.		13 - 20	20 - 30	25 - 30	12 - 20	15 - 24
 Weight	kg.		1200	1680	2015	2500	2700
 Working pressure	bar		70 - 180	70 - 180	70 - 180	70 - 180	70 - 180
 Oilflow	l/min		100	140	140	140	200
 Shafts			6	8	6	10	12
 Width	mm		1660	1660	1700	3200	3200
 Shaft width	mm		1260	1260	1640	2520	2520
 Production output	t./hr		95	110	110	130	160
 Capacity	m <sup>3</sup>		1	1.3	1.3	1.6	2

<sup>1</sup> Recommended excavator / attachment combination  
Equipped with replaceable blades



# HBS SERIES Powerscreeners



POWERSCREENERS			HBS-140M	HBS-190M	HBS-340M	HBS-390M
	Excavator class <sup>1</sup>	t.	1.5 - 2.7	2 - 4	4 - 6	6 - 8
	Weight	kg.	150	195	340	390
	Oilflow	l/min	32	38	41	48
	Capacity	m <sup>3</sup>	0.08	0.12	0.28	0.4
	Shafts		2	2	3	4
	Stars		27	47	71	94

<sup>1</sup> Recommended excavator / attachment combination  
Equipped with replaceable blades









# HC SERIES Compactors







The Hydraram compactor is specially designed for compacting soil, roads, dams and dikes. Additionally, these vibrators are used for inserting sheet piles, wood piles and facings.

The compactors are made from the most durable steel HARDOX-400® with an extremely high wear resistance, minimum maintenance and a long lifespan.

Can optionally be equipped with a hydraulic clamp for steel sheet piling.



COMPACTORS			HC-180/2	HC-250/2	HC-420/2	HC-600/2	HC-900/2
	Excavator class <sup>1</sup>	t	2 - 3.5	3.5 - 7	6 - 10	8 - 16	15 - 28
	Weight	kg	160	230	400	580	850
	Working pressure	bar	120 - 140	120 - 140	120 - 140	120 - 140	100 - 140
	Oilflow	l/min	20 - 30	25 - 40	25 - 40	55 - 85	100 - 130
	Force	kN.	12	23	35	50	95
	Frequency	Rpm	2200 - 2600	2200 - 3000	2200 - 3000	2100 - 2600	2200 - 2500

COMPACTORS			HC-1200/2	HC-1500/2	HC-1800/2	HC-2200/2
	Excavator class <sup>1</sup>	t	20 - 35	22 - 38	25-40	28 - 48
	Weight	kg	950	1150	1650	2200
	Working pressure	bar	180 - 190	180 - 190	180 - 190	180 - 190
	Oilflow	l/min	170 - 210	175 - 215	170 - 210	200 - 260
	Force	kN.	155	205	240	330
	Frequency	Rpm	2400 - 2900	2400 - 2900	2200 - 2600	2200 - 2600

<sup>1</sup> Recommended excavator / attachment combination



















# HC-P/D SERIES Compactors

The new Hydraram HC-PD compactors are a great addition to any construction site!

The amazing vibration drive is achieved with 1 or 2 eccentric masses, and the compactor itself may be fitted with a variety of accessories: a plate for flattening, a grapple for pile driving, a clamp for sheet pile driving and much more.



COMPACTORS			HC-85P	HC-120P	HC-200P	HC-300P	HC-440P	HC-520P
 Excavator class <sup>1</sup>	t.		1.0 - 2.0	1.5 - 4.5	4 - 10	5 - 12	7 - 16	10 - 22
 Weight	kg		72	105	187	190	330	340
 Working pressure	bar		150 - 220	150 - 220	150 - 220	150 - 220	150 - 220	150 - 220
 Oilflow	l/min		23	23	45	45	69	69
 Centrifugal force	kN.		9	15	27	40	65	95
 Vibration rate	rpm		2130	2130	2133	2133	2133	2133
 Hertz	Hz		35	36	36	36	36	36
 Back press. Max.	bar		15	15	15	15	15	15

COMPACTORS			HC-560PD	HC-620PD	HC-720PD	HC-780PD	HC-980PD	HC-1080PD
 Excavator class <sup>1</sup>	t.		8 - 14	10 - 16	12 - 20	14 - 25	18 - 35	20 - 40
 Weight	kg		353	362	525	533	827	837
 Working pressure	bar		150 - 220	150 - 220	150 - 220	150 - 220	150 - 220	150 - 220
 Oilflow	l/min		69	69	93	93	135	135
 Centrifugal force	kN.		60	80	100	120	150	180
 Vibration rate	rpm		2133	2133	2143	2143	2143	2143
 Hertz	Hz		36	36	36	36	36	36
 Back press. Max.	bar		15	15	15	15	15	15

<sup>1</sup> Recommended excavator / attachment combination






















# HRV SERIES Side Grip Pile Drivers



PILE DRIVERS			HRV-30SG	HRV-40SG	HRV-60SG	HRV-80SG	HRV-120SG
	Excavator class <sup>1</sup>	t	15 - 20	20 - 25	25 - 35	35 - 40	40 - 55
	Weight <sup>2</sup>	kg	1500	1680	2250	3200	4500
	Dynamic Weight	kg	1050	1050	1610	2340	3200
	Working Pressure	bar	300	300	300	300	300
	Oilflow	l/min	135	135	200	252	315
	Centrifugal Force	kN	395	395	602	860	1122
	Frequency	rpm	3000	3000	3000	2800	2600
	Eccentric Moment	kgm	4.0	4.0	6.0	10.0	14.5
	Amplitude	mm	7.7	7.7	7.5	8.6	9.0
	Rotation	°	360	360	360	360	360
	Tilt	°	20	20	20	20	20
	Auto Drive System		Optional	Optional	Optional	Optional	Optional
	Length	mm	1400	1400	1600	1800	1500
	Width	mm	1400	1400	1600	1800	1600
	Height	mm	1600	1600	1800	2000	3090

<sup>1</sup> Recommended excavator / attachment combination

<sup>2</sup> Without adapter



# HSF-B SERIES Pile Drivers



## PILE DRIVERS
















			HSF-3B	HSF-10B	HSF-20B	HSF-30B	HSF-40B	HSF-60B	HSF-80B	HSF-120B
	Excavator class <sup>1</sup>	t	4 - 8	8 - 10	10 - 12	12 - 15	15 - 20	25 - 30	38 - 40	45 - 50
	Weight	kg	160	375	610	635	650	1210	1610	2350
	Dynamic weight	kg	120	290	495	515	530	1000	1290	1700
	Working pressure	bar	150	320	320	320	320	300	350	300
	Oilflow	l/min	30	100	110	110	110	210	253	315
	Centrifugal force	kN	33	81	258	297	449	349	464	934
	Eccentric moment	kgm	0.35	1	2	3	4	6	8	12.6
	Speed	rpm	3000	3200	3200	3000	3200	2300	2300	2600
	Pulling force	kN	15	30	60	60	60	120	150	200
	Push down	kN	15	20	40	40	40	80	90	200
	Amplitude	mm	5.5	6	9	12	15	12	13	14.8
	Power	kW	9	60	60	60	60	123	148	185
	Length	mm	505	700	770	770	770	928	1130	1093
	Width	mm	191	451	511	511	511	621	641	720
	Height	mm	790	1096	1215	1215	1215	1631	1750	2100

<sup>1</sup> Recommended excavator / attachment combination



# HSF-M SERIES Pile Drivers



PILE DRIVERS			HSF-10M	HSF-40M	HSF-70M	HSF-80M	HSF-120M
	Excavator class <sup>1</sup>	t	8 - 10	15 - 20	30	35 - 40	40 - 55
	Weight	kg	575	760	1590	1960	2300
	Dynamic weight	kg	415	545	1160	1470	1700
	Working pressure	bar	320	320	300	300	300
	Oilflow	l/min	100	126	224	243	315
	Centrifugal force	kN	165	344	607	751	935
	Eccentric moment	kgm	1.4	4	7	9.4	12.6
	Speed	rpm	3200	2800	2800	2700	2600
	Pulling force	kN	30	60	150	150	200
	Push down	kN	20	40	150	150	200
	Amplitude	mm	6.7	14.7	12	13	14.8
	Power	kW	60	79	131	143	185
	Length	mm	793	1096	1486	1586	1686
	Width	mm	640	671	584	584	684
	Height	mm	850	1068	1486	1582	1592

<sup>1</sup> Recommended excavator / attachment combination





**BE DRIVEN  
TOWARDS  
SUCCESS.**



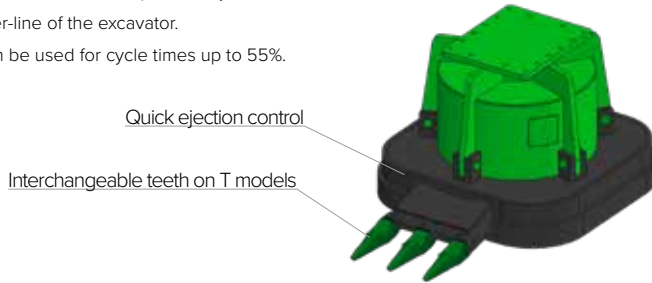


**ATTRACT  
GREATNESS.**

# HMG/T SERIES Hydraulic Magnets

The Hydraram HMG/T-series are operated by the hydraulic hammer-line of the excavator.

The magnets can be used for cycle times up to 55%.



HYDRAULIC MAGNETS			HMG-850	HMG-950	HMG-1100	HMG-1150	HMG-1300	HMG-1500
	Excavator class <sup>1</sup>	t	10 - 16	14 - 20	18 - 28	20 - 30	26 - 38	30 - 60
	Weight	kg	780	960	1100	1200	1880	2500
	Working pressure	bar	180	180	180	180	180	180
	Oilflow	l/min	38 - 200	50 - 200	70 - 200	80 - 200	100 - 200	100 - 200
	Diameter	mm	850	950	1050	1130	1250	1500
	Output	kW	3.5	4.5	5.5	6	7	12
	Voltage	volt.	230	230	230	230	230	230
	Loose scrap	kg	500	700	900	1300	1800	3000
	Massive plate	kg	3500	3500	7000	11000	12000	20000

HYDRAULIC MAGNETS - TEETH			HMG-T850	HMG-T950	HMG-T1100	HMG-T1150	HMG-T1300	HMG-T1500
	Excavator class <sup>1</sup>	t	10 - 16	14 - 20	18 - 28	20 - 30	26 - 38	34 - 60
	Weight	kg	950	1130	1315	1400	2100	3000
	Working pressure	bar	180	180	180	180	180	180
	Oilflow	l/min	38 - 200	50 - 200	70 - 200	80 - 200	100 - 200	100 - 200
	Diameter	mm	850	950	1050	1130	1250	1500
	Output	kW	3.5	4.5	5.5	6	7	12
	Voltage	volt.	230	230	230	230	230	230
	Loose scrap	kg	500	700	900	1300	1800	3000
	Massive plate	kg	3500	3500	7000	11000	12000	20000








<sup>1</sup> Recommended excavator / attachment combination  
HMG-T Equipped with replaceable teeth










# HEM SERIES Electromagnets

These electromagnets operate through a generator on the carrier or through the electricity grid. The HEM-series magnets can increase your duty cycles up to 50%.



ELECTROMAGNETS			HEM-80	HEM-95	HEM-105	HEM-115	HEM-125
 Excavator class <sup>1</sup>	t		8 - 10	11 - 14	13 - 16	14 - 18	20 - 24
 Weight	kg		480	650	750	850	1150
 Diameter	mm		800	950	1050	1130	1250
 Output	kW		3.2	4.5	5.5	6.5	8
 Voltage	volt.		220	220	220	220	220
 Loose scrap	kg		250	300	400	600	800
 Massive plate	kg		2000	3500	7000	12000	15000

ELECTROMAGNETS			HEM-145	HEM-150	HEM-160
 Excavator class <sup>1</sup>	t		29 - 36	34 - 42	43 - 54
 Weight	kg		1700	2000	2700
 Diameter	mm		1450	1500	1610
 Output	kW		10	12	15
 Voltage	volt.		220	220	220
 Loose scrap	kg		1000	1200	1400
 Massive plate	kg		18000	22000	25000








<sup>1</sup> Recommended excavator / attachment combination










# HEM-HD SERIES Electromagnets

The HEM HD-series models can increase your duty cycles up to 60%. They also feature stronger structure and lower magnetic density to decrease magnet heating during intensive use.



ELECTROMAGNETS			HEM-105 HD	HEM-115 HD	HEM-125 HD	HEM-140 HD	HEM-150 HD
 Excavator class <sup>1</sup>	t		13 - 17	17 - 23	22 - 29	35 - 46	36 - 48
 Weight	kg		870	1150	1450	2300	2400
 Diameter	mm		1050	1150	1250	1400	1500
 Output	kW		5.5	6.5	8	10	12
 Voltage	volt.		220	220	220	220	220
 Loose scrap	kg		400	420	550	950	1250
 Massive plate	kg		8500	9000	11000	15500	21000

ELECTROMAGNETS			HEM-165 HD	HEM-180 HD
 Excavator class <sup>1</sup>	t		53 - 70	72 - 96
 Weight	kg		3500	4800
 Diameter	mm		1650	1800
 Output	kW		16	20
 Voltage	volt.		220	220
 Loose scrap	kg		1700	2000
 Massive plate	kg		25000	35000

<sup>1</sup> Recommended excavator / attachment combination



# HBG SERIES Battery Magnets





HBG-series electromagnets are intended for sorting through demolition scrap to ensure work site safety.

The bottom closure panels are made with special wear-resistant manganese steel.

Windings are covered with a special high-temperature resistant resin, which isolates the magnetizing coil from the high magnetic permeability steel structure.

The battery of the carrier is the only energy source necessary for the battery magnet, so no electric generator is needed. HBG magnets work on the battery of the carrier.

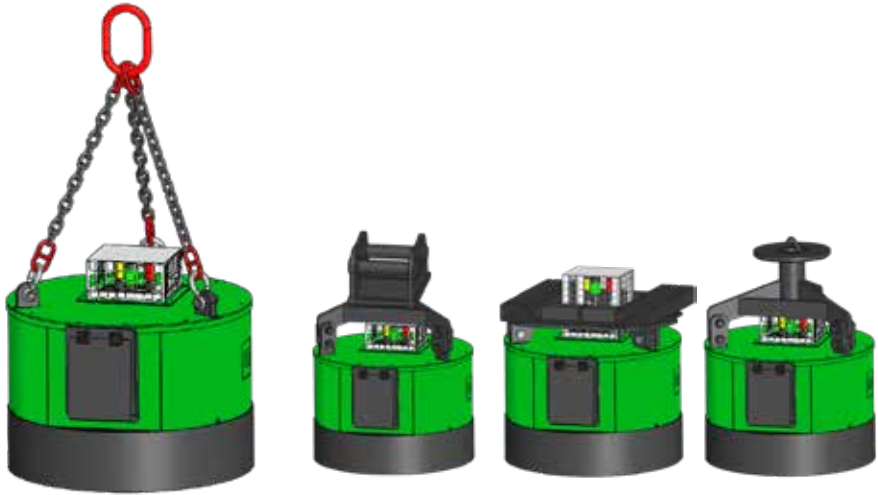


BATTERY MAGNETS			HBG-65	HBG-80	HBG-92
	Excavator class <sup>1</sup>	t	4 - 5	6 - 8	10 - 14
	Weight	kg	280	490	650
	Diameter	mm	650	800	920
	Output	kW	0.5	0.7	1.0
	Voltage	volt.	12	24	24
	Loose scrap	kg	150	250	330
	Massive plate	kg	2200	2800	3650

<sup>1</sup> Recommended excavator / attachment combination



# EMG SERIES Battery Integrated Magnets



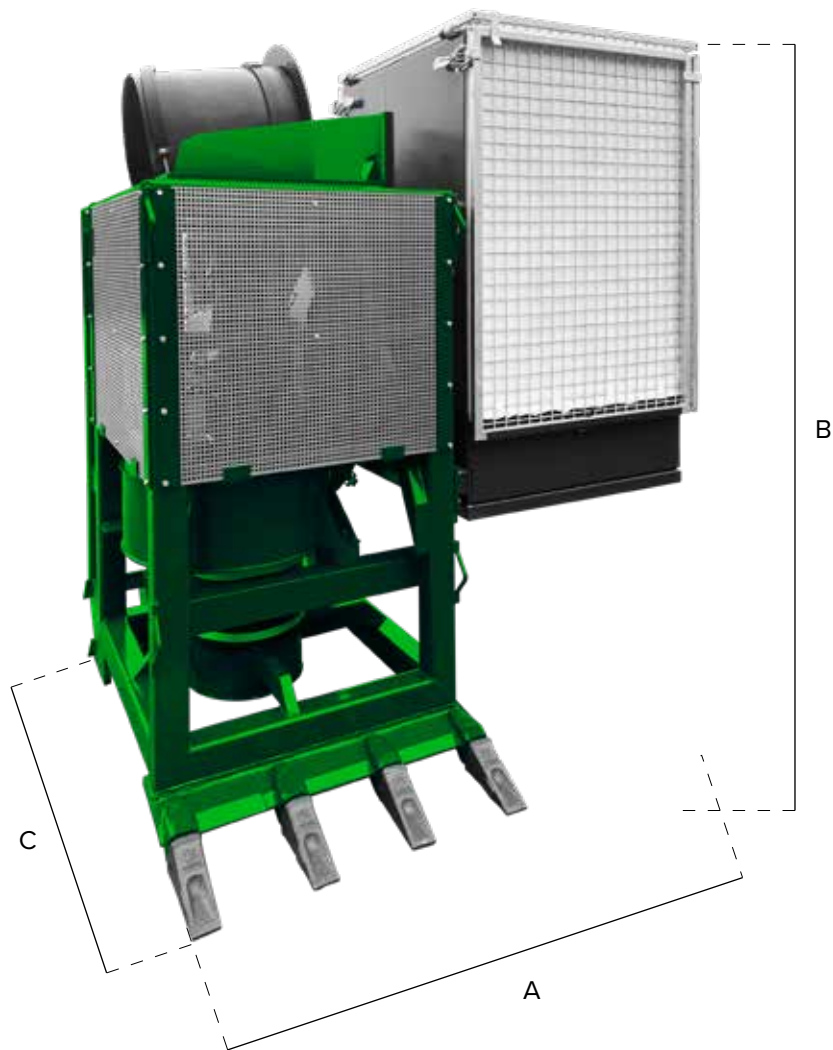
The electromagnet is equipped with:

- Remote radio control panel
- Rechargeable Ni-MH battery and charger

BATTERY INTEGRATED MAGNETS			EMG-80	EMG-100
	Weight	kg	550	950
	Diameter	mm	770	1000
	Charging time	H	10	12
	Output	kW	0.5	0.7
	Voltage	volt.	24	24
	Loose scrap	kg	150	250
	Massive plate	kg	3000	5000



# HS SERIES Hydrasauger



**Keep your demolition and recycling worksite clean of insulation, polystyrene, plastic etc. with Hydrasauger 5000, vacuum cleaner for excavators!**








The Hydrasauger 5000 is a vacuum cleaner which works on the hydraulic circuit of the excavator. It has been invented to collect insulation material from work sites.

It is dangerous and highly costly to have people walking around demolition machines and picking up insulation that may delay key operations or be blown away by the wind.

The collector basket is equipped with an outer steel mesh and an easily replaceable filter inside. The bottom hatch opens hydraulically to empty the basket with ease. It is equipped with a standard flow protector valve.

The heavy-duty frame is equipped with digging teeth on one side and a cutting edge on the other, to stir the rubble and cut bigger pieces, so they can easily be sucked into the shredder wheel.

The heavy-duty shredder wheel is hydraulically driven and shreds materials such as Rockwool, polystyrene, smaller wooden pieces, plastic etc. into a granulate, and blows it into the collector basket.

HYDRASAUGER			HS-5000
	Weight*	kg	1375
	Working pressure	bar	250
	Oil flow	l/min.	230
	Capacity	m3	1.2
	Max. Speed	rpm	2800
	Case drain required, max. Back pressure	bar	1
	Tube diameter	mm	400
A	-	mm	2200
B	-	mm	2000
C	-	mm	1000

\*Bracket not included





## HYDRARAM, WE BRING THE MUSCLE

Hydraram has been developing and producing hydraulic attachments for use in demolition & recycling industry since 1993. We supply a complete line of hydraulic attachments for excavators from 1 to 300 tons.



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