

HYDRAULIC MAGNET GENERATOR

Reliable high-quality lifting power from your machine!

**SAVE TIME!
SAVE SPACE!
SAVE MONEY!
ADD VALUE!**



Simple, safe and easy-access installations on excavators



Magnet generator powering a hydraulic grab magnet installation at a scrap yard

LIFTING POWER FROM HYDRAULICS

The hydraulic magnet generator transforms the hydraulic power of a work machine into electricity.

ANYWHERE, ANYTIME

With hydraulic magnet generator, the work machine is always ready for all lifting tasks with any suitable electric magnet!

COMPACT AND POWERFUL

The small-sized generator has great power-to-size ratio.

QUICK DROP

The magnet generator has quick automatic demagnetisation.

LONG LIFE & SAFETY

Long life and safety is guaranteed by vibration-free running and an automatic rotation speed controller.

WIDE MODEL RANGE

There is a suitable hydraulic magnet generator for every lifting purpose and even the most demanding use.

AUXILIARY ELECTRICITY

The magnet generator can be equipped to produce steady high-quality electricity for heavy duty electric tools, computers etc.

LOW PRICE ELECTRICITY

Electricity is produced as a "side product" - the cost per kVA is fair.

RELIABLE

No more running problems: the magnet generator starts reliably and requires no separate fuel.

Dynaset also offers handy, easy to install all-in one hydraulic magnet units

HYDRAULIC MAGNET GENERATOR

Compact hydraulic magnet generators are designed for both mobile and workshop installation. The only required source of power is a hydraulic system to provide the generator with sufficient hydraulic fluid flow at demanded pressure.

Hydraulic magnet generator transforms the carrier machine's hydraulic power into electricity energising ferrous metal handling magnets.

Generator can be equipped with a junction box for high quality auxiliary electricity for tools etc.



HMG 10 kW 220 VDC-44

HMG 30 kW 220 VDC-120C

MAGNET GENERATOR TYPE	HYDRAULIC REQ.		POWER CHARACTERISTICS			AUXILIARY ELECTRICITY	CONTROL VOLTAGE VCD	WEIGHT kg
	Min flow l/min	Max press. bar	Generator Power Max kW	Magnet Coil Power kW	Operation voltage V ± %			
HMG 3 kW 220 VDC-17	18	250	3,5	3	220 ±5%	3,5kVA/230VAC 230/400VAC (optional)	12/24	28
HMG 6 kW 220 VDC-30	32	250	6	5,5	220 ±5%		24	49
HMG 10 kW 220 VDC-44	46	250	10	9,5	220 ±5%		24	63
HMG 12 kW 220 VDC-52	54	250	12	11,5	220 ±5%		24	76
HMG 15 kW 220 VDC-65	67	250	15	14,5	220 ±5%		24	110
HMG 20 kW 220 VDC-92	95	250	20	19,5	220 ±5%		24	160
HMG 30 kW 220 VDC-120	124	250	30	29,5	220 ±5%		24	210

All models have **automatic voltage control** and **automatic demagnetising**

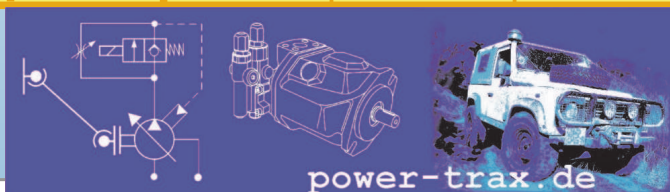
MAGNET FOR STEEL AND IRON HANDLING

High-quality lifting magnets are designed for lifting all kinds of ferrous material, big or small. They have cast shell, deep field aluminium wound, and an electric connector. Optional quick attachment plate makes connecting and disconnecting effortless.

Special magnet sizes, shapes and finishes are available by request.



MAGNET TYPE	DIAMETER	APPROXIMATE LIFTING CAPACITY				COIL POWER	WEIGHT kg
	mm	Slabs/blocks kg	Wrecking ball kg	Cast iron ingots kg	Scrap kg		
MAG 700	700	2700	950	110	70	3 kW 220 VDC	290
MAG 900	900	5250	2300	230	190	4,9 kW 220 VDC	650
MAG 1000M	1000	8000	3700	350	290	5,5 kW 220 VDC	850
MAG 1200	1200	7500	3500	410	360	9 kW 220 VDC	1100
MAG 1400H	1400	17000	9500	1100	900	10 kW 220 VDC	2300
MAG 1500H	1500	21000	10700	1450	1200	12,5 kW 220 VDC	2950
MAG 1600M	1600	22000	10200	1330	1150	15 kW 220 VDC	3300
MAG 1600H	1600	25750	12500	1650	1800	16 kW 220 VDC	3850
MAG 1800UH	1800	46000	21500	3030	2400	25 kW 220 VDC	6100



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