HMG HYDRAULIC MAGNET GENERATOR

RELIABLE LIFTING POWER FROM THE WORK MACHINE

Hydraulic Lifting Power
The hydraulic magnet generator transforms the hydraulic power of a work machine effectively into magnet lifting power.

Power Always, Reliably
A work machine equipped with a hydraulic magnet generator is always ready for lifting tasks, with any suitable magnet available!

The magnet generator doesn't give you hard time: it starts with hydraulic reliability and requires no extra fuel.

Fast, Durable, and Safe
Quick demagnetisation guarantees swift and accurate handling of ferrous material. Vibration free running and automatic speed control valve make sure that the generator is safe in use and will serve with no problens for a long time.

Electricity for External Devices
The magnet generator can be equipped with an AC-box, enabling it to provide electric power for any electric device and work tool. The cost of produced electricity is very reasonable.

DYNASET
POWERED BY HYDRAULICS

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HYDRAULIC MAGNET GENERATOR

HMG 10

HMG 30

The compact hydraulic magnet generator is primarily designed for mobile machinery. The magnet generator can be safely connected with any hydraulic system.

The Dynaset magnet generator, effectively transforming the hydraulic power of a work machine into electricity, is perfect power source for a material handling magnet.

Features of the magnet generator include easy to use and quick demagnetising. This grants great accuracy in material handling.

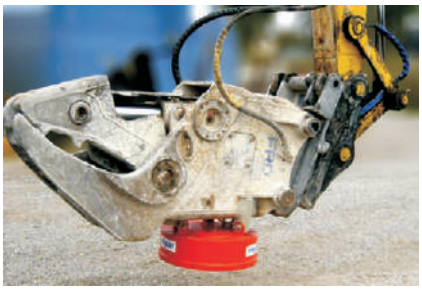
The ways of exploiting the magnet generator can be expanded with an optional AC box. It enables the generator to provide high quality electricity for any external device.

Magnet Generator	Electric Power			Aux Electricity	Control Voltage	Weight	Hydraulic Requirements	
	Power Max kW	Magnet Coil Power Max kW	Operation Voltage V %		VCD	kg	Minimum Flow l/min	Mamimum pressure bar
HMG 3 kW 220 VDC-17	3,5	3	220 ± 5%	3,5kVA/230VAC	12/24	28	18	250
HMG 6 kW 220 VDC-30	6	5,5	220 ± 5%	230/400VAC	24	49	32	250
HMG 10 kW 220 VDC-44	10	9,5	220 ± 5%	(Optional AC box)	24	63	46	250
HMG 12 kW 220 VDC-52	12	11,5	220 ± 5%		24	76	54	250
HMG 15 kW 220 VDC-65	15	14,5	220 ± 5%		24	110	67	250
HMG 20 kW 220 VDC-92	20	19,5	220 ± 5%		24	160	95	250
HMG 30 kW 220 VDC-120	30	29,5	220 ± 5%		24	210	124	250

Lifting Magnets

High quality lifting magnets are perfect for handling ferrous material of any size and type. The magnets have cast shell, deep field aluminium wound and an electric connector. Quick attachment plate and handy grab attachment are available as handy options.

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



Magnet	Diameter	Coil Power	Lifing Capacity (Approximate)				Weight
	mm		Slabs, blocks kg	Wrecking Ball kg	Cast Iron Ingots kg	Scrap kg	kg
MAG 700	700	3 kW 220 VDC	2700	950	110	70	290
MAG 900	900	4,9 kW 220 VDC	5250	2300	230	190	650
MAG 1000M	1000	5,5 kW 220 VDC	8000	3700	350	290	850
MAG 1200	1200	9 kW 220 VDC	7500	3500	410	360	1100
MAG 1400H	1400	10 kW 220 VDC	17000	9500	1100	900	2300
MAG 1500H	1500	12,5 kW 220 VDC	21000	10700	1450	1200	2950
MAG 1600M	1600	15 kW 220 VDC	22000	10200	1330	1150	3300
MAG 1600H	1600	16 kW 220 VDC	25750	12500	1650	1800	3850
MAG 1800UH	1800	25 kW 220 VDC	46000	21500	3030	2400	6100

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