



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

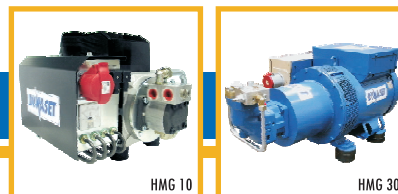
Quick demagnetisation guarantees swift and accurate handling of ferrous material. Vibration free running and automatic speed control valve make sure that the generator is safe in use and will serve with no problems for a long time.

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

HYDRAULIC MAGNET GENERATOR



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 kg | Hydraulic Requirements | |
|-----------------------|--------------------|--------------------------------|-----------------------------|--|-----------------|--------------|--------------------------|----------------------------|
| | Power Max kW | Magnet Coil Power Max kW | Operation Voltage V % | | VCD | | Minimum Flow l/min | Maximum pressure bar |
| HMG 3 kW 220 VDC-17 | 3,5 | 3 | 220 ± 5% | 3,5kVA/230VAC 230/400VAC (Optional AC box) | 12/24 | 28 | 18 | 250 |
| HMG 6 kW 220 VDC-30 | 6 | 5,5 | 220 ± 5% | | 24 | 49 | 32 | 250 |
| HMG 10 kW 220 VDC-44 | 10 | 9,5 | 220 ± 5% | | 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 | Lifting Capacity (Approximate) | | | | Weight kg |
|------------|----------|-----------------|--------------------------------|------------------|---------------------|----------|--------------|
| | mm | | Slabs, blocks kg | Wrecking Ball kg | Cast Iron Ingots kg | Scrap 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 |

