



HANDY LIFTING POWER FROM A REWARDED UNIT

Lifting Power from Hydraulics

The Dynaset hydraulic magnet transforms the hydraulic power of a work machine effectively into electric lifting power. The unit comprises a powerful hydraulic magnet generator, installation valves and a high class magnet, enclosed in a robust shell. The HMAG has gained rewards for its innovativeness and ease of use.

Ready for Work In No Time

Connecting Hydraulic magnet to the work machine is effortless and extraordinarily quick: the need to use a magnet interrupts other work for just few minutes. Changing HMAG from one machine to another is extremely easy.

Reliable and Effortless

The HMAG has built-in automatic valves for oil flow and pressure. This guarantees it to work with no problem in any machine - without any unnecessary adjustments!

Functions from One Single Button

Activating the HMAG for lifting is easy: just switch on the hydraulic flow with a button eg. from the cabin. The material is dropped by switching the flow off. Quick demagnetisation guarantees controlled, swift and complete release of the material.

POWERED BY HYDRAULICS

HYDRAULIC MAGNET

Taking the hydraulic magnet into use is very simple: it requires only connection of two hoses with quick couplings eg. with the hammer hydraulics, plus attachment to excavator boom. The HMAG is ready for work in a couple of minutes.

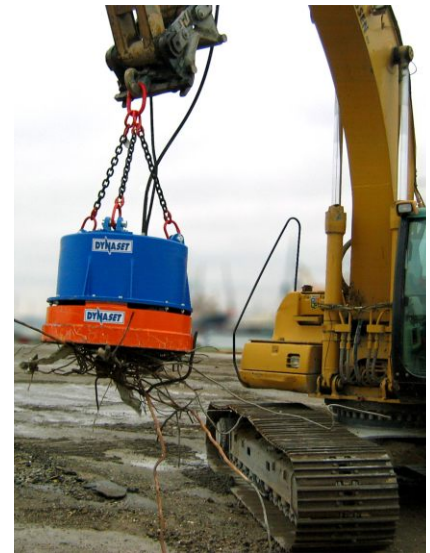
For attaching the HMAG, Dynaset offers traditional lifting chains and a mushroom attachment, suitable for a grab. The grab attachment is very simple. For example, it enables several scrap collecting trucks to use one single magnet.

Because the HMAG runs in practically all work machines with no adjustments, its handy and powerful features become evident in periodical work at demolition sites or recycling yards etc.

As for power and durability, the HMAG is very suitable for long lasting quarrying all around the year.

HMAG's extraordinarily handy nature and innovativeness has been officially recognised: it received SED's "Award for Excellence" as early as in 2003.

Because of its superior ease of use, great compatibility and durable design, the HMAG is an excellent item for rental.



↑ This hydraulic magnet is in real power use. It is being used by several scrap metal collector trucks in unloading collected metal at a recycling yard.

The grab attachment is very handy and quick way to take the HMAG into use by many different vehicles: truck, excavator, material handling machine... as long as they have a grab installed! Thanks to the automatic control valves, the HMAG works without any adjustments in them all!

↖ Grab attachment, a handy way to use the HMAG.

↑ The HMAG is also suitable for long lasting heavy work. It is excellent in sorting scrap metal. Thanks to easy installation and quick attachment it enables doing also other work with the same machine very easily when needed.

← The traditional chain attachment is very good for most purposes. The chains allow the magnet to swing freely, making for example cleaning the ground from small shards of metal very easy.

| Model | Power 220 VDC kW | Lifting capacity (nominal) | | | | | | Weight kg | Ø mm | Hydraulic input | |
|----------------|------------------------|------------------------------------|------------------------|----------------|--------------------------|-----|-----|--------------|---------|-----------------|------------------|
| | | Tear-off w/ air gap Ø/300 kg | Slabs, blocks kg | Pig iron kg | Scrap Grade: 3A 24 40 | | | | | l/min | max./eff. bar |
| HMAG 700-18-k | 3 | 5500 | 2700 | 105 | 80 | 70 | 40 | 350 | 720 | 18 | 350/210 |
| HMAG 900-32-k | 4,9 | 10500 | 5250 | 230 | 200 | 190 | 100 | 850 | 950 | 32 | 350/210 |
| HMAG 1200-48-k | 9 | 15000 | 7500 | 410 | 370 | 360 | 190 | 1500 | 1250 | 48 | 350/210 |
| HMAG 1400-54-k | 10 | 18000 | 9000 | 580 | 530 | 510 | 240 | 3000 | 1450 | 54 | 350/210 |

