

Hydraulic Magnet



The self-contained hydraulic magnet for cleaning and separating iron and steel from waste concrete and debris is ideal for demolition and recycling!

This handy magnet is controlled directly by the hydraulics of the carrier, and combines an electric magnet coil and hydraulic generator with automatic control system.

Mounting is fast and easy using a chain or quick coupling plate directly to the boom, with hydraulic quick couplings. The required oil flow is very low, so all basic functions work at the same time. Oil flow and pressure limiter valves allow installation on every machine.

Easy to use! The magnet is controlled by the breaker auxiliary button or pilot pedal. Turning hydraulic oil flow on activates the magnet for lifting iron and steel. Turning the hydraulic oil flow off makes the magnet demagnetize automatically.

READY LIFTING POWER FROM A HANDY HYDRAULIC UNIT

Lifting power from hydraulics: The TMag hydraulic magnet transforms the hydraulic power of your carrier machine into effective electrical lifting power. Housed under a heavy duty steel shell is a powerful hydraulically powered magnet generator. In addition to the generator the hydraulic system includes necessary valves and a top quality magnet. These units have received recognition world wide for their innovative concept and design.

Ready for work in short time: Connecting the TMag is simple and easy. Industry professionals have found them easy to install and move from one machine to the next.

Reliable automatic adjustment: The TMag has built-in automatically adjusting valves for oil flow and pressure. These provisions ensure that the unit will work, without problem, on any suitable machine without complicated adjustments.

Main control from one button: Activating the TMag is easy. Just switch on the hydraulic flow by activating the circuit with an electro button or a hydraulic lever. At the end of the cycle instant demagnetization insures quick clean drops with swift and complete release of the material.

To install the hydraulic magnet, simply connect two hydraulic hoses. For example, if your excavator is equipped with an auxiliary kit, for a hammer, with quick couplers, connect to this system. The TMag is ready for work in a short time.

To connect to your carrier, the hydraulic magnet is supplied with lifting chains.

Because the TMag runs on practically all hydraulic work machines such as excavators, back hoes, loaders, crane arms, rough terrain fork lifts, with minimal adjustments, it's handy features allow it to become an important tool for demolition and scrap recycling jobs.

The power and durability of the TMag make it available for year around usefulness on any suitable job.

Because it's so easy to connect and use the TMag is a good rental item.

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Specifications and Dimensions

| Model | | TMAG 700 | TMAG 900 | TMAG 1200 | TMAG 1500 |
|------------------------|---------|--------------|----------------|--------------|-----------------|
| Diameter | in/mm | 28/720 | 37/950 | 49/1250 | 57/1450 |
| Minimum hydraulic flow | gpm/lpm | 5/18 | 8/32 | 13/48 | 14/54 |
| Operating pressure | psi/bar | 3000/210 | 3000/210 | 3000/210 | 3000/210 |
| Coil power | | 3 kW 220 VDC | 4.9 kW 220 VDC | 9 kW 220 VDC | 12.5 kW 220 VDC |
| Weight* | lbs/kg | 968/440 | 1980/900 | 3410/1550 | 3740/1700 |



| | Coil Power | Lifting Capacity (approximate) | | |
|------------------|------------|--------------------------------|---------------------------------|----------------------------|
| | | Steel Plate kg / lbs | Cast Iron Ingots kg / lbs | Scrap Metal kg / lbs |
| TMAG 700 | 3 kw | 2700 / 5950 | 105 / 230 | 80 / 175 |
| TMAG 900 | 4,9 kW | 5250 / 11575 | 230 / 507 | 200 / 440 |
| TMAG 1200 | 9 kW | 7500 / 16535 | 410 / 904 | 370 / 815 |
| TMAG 1500 | 10 Kw | 9000 / 19840 | 580 / 1280 | 530 / 1170 |

