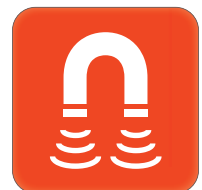


09/20  
rev 1.4

## DATA SHEET

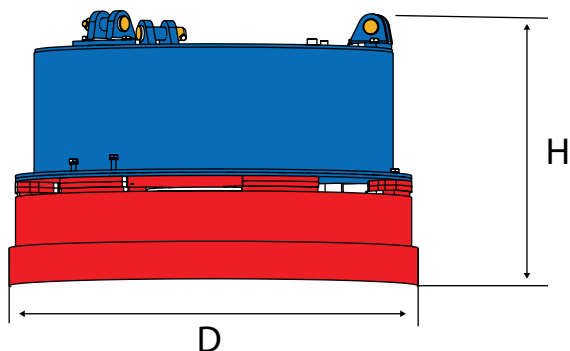
### HMAG PRO HYDRAULIC MAGNET



**HMAG PRO 700 - 21**  
**HMAG PRO 900 - 34**

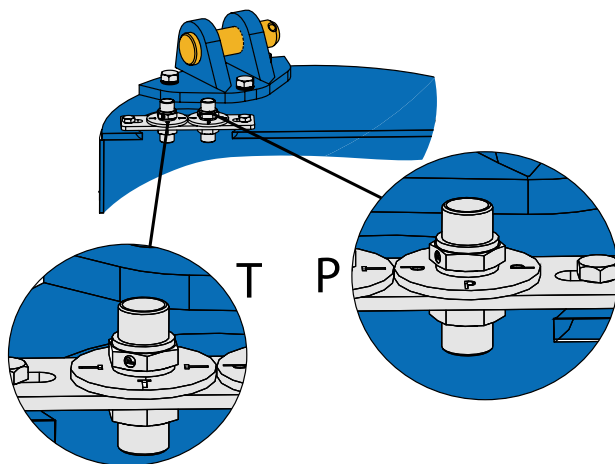
**HMAG PRO 1200 - 49**  
**HMAG PRO 1400 - 57**

### DIMENSIONS



MODEL	DIMENSIONS, mm (in)		WEIGHT
	ØD	H	kg (lbs)
<b>HMAG PRO 700 - 21</b>	750 (29.5)	640 (25.2)	440 (968)
<b>HMAG PRO 900 - 34</b>	960 (37.8)	780 (30.7)	900 (1980)
<b>HMAG PRO 1200- 49</b>	1260 (49.6)	830 (32.7)	1550 (3410)
<b>HMAG PRO 1400 - 57</b>	1450 (57.1)	780 (30.7)	2900 (6380)

### HYDRAULIC PORTS



MODEL	PRESSURE LINE	RETURN LINE
	P	T
<b>HMAG PRO 700 - 21</b>	BSP 1/2"	BSP 1/2"
<b>HMAG PRO 900 - 34</b>	BSP 1/2"	BSP 1/2"
<b>HMAG PRO 1200- 49</b>	BSP 1/2"	BSP 1/2"
<b>HMAG PRO 1400 - 57</b>	BSP 3/4"	BSP 1"

### TECHNICAL SPECIFICATIONS

		HMAG PRO 700 21	HMAG PRO 900 34	HMAG PRO 1200 49	HMAG PRO 1400 57
<b>OUTPUT CHARACTERISTICS</b>					
Generator power max.	<b>kW</b>	3	6	10	12
Magnet coil power max.	<b>KW</b>	2,7	5,5	9,5	11
Operating voltage	<b>VDC</b>	220±5%			
Operation control		Hydraulic			
Magnet coils allowed resistance (20 °C)	<b>Ohm</b>	16,1 ± 5%	9,8 ± 5%	5,4 ± 5%	4,8 ± 5%
Efficient duty rating	<b>ED%</b>	60	60	60	60
<b>NOMINAL LIFTING CAPACITY</b>					
Tear-off w/ air gap Ø/300	<b>kg (lbs)</b>	5500 (12100)	10500 (23100)	15000 (33000)	34000 (74800)
Slabs, blocks	<b>kg (lbs)</b>	2700 (5490)	5250 (11550)	7500 (16500)	9500 (20900)
Cast iron pigs	<b>kg (lbs)</b>	105 (231)	230 (506)	410 (902)	1100 (2420)
Scrap, <b>kg (lbs)</b>	<b>grade 3A</b>	80 (176)	200 (440)	370 (814)	1000 (2200)
	<b>grade 24</b>	70 (154)	190 (418)	360 (792)	900 (1980)
	<b>grade 40</b>	40 (88)	100 (220)	190 (418)	480 (1050)
<b>HYDRAULIC POWER REQUIREMENTS</b>					
Flow min.	<b>l/min (gpm)</b>	23 (6.7)	37 (9.8)	53 (14.0)	63 (16.6)
Required system pressure min.	<b>bar (psi)</b>	190 (2800)	190 (2800)	190 (2800)	190 (2800)
Pressure max.	<b>bar (psi)</b>	350 (5000)	350 (5000)	350 (5000)	350 (5000)
<b>HYDRAULIC FLUID REQUIREMENTS</b>					
Viscosity	<b>cSt</b>	10-200 / optimum 25-35			
Temperature	<b>°C (°F)</b>	max. 70 (158)*			
Filter ratio	<b>um</b>	25 or better			
Cooling capacity requirements	<b>kW</b>	1,4	2,4	3,1	3,5

Gallons are U.S. liquid gallons

\* Depending on the hydraulic fluid.

Other options available by request.



Menotie 3  
FI-33470 Ylöjärvi, Finland  
tel: +358 3 3488 200  
info@dynaset.com



#### ELECTRICITY

HG Hydraulic Generator  
HGV Variable Hydraulic Generator  
HWG Hydraulic Welding Generator  
HGG Hydraulic Ground Power Generator



#### MAGNET POWER

HMG Hydraulic Magnet Generator  
HMAG Hydraulic Magnet  
MAG Lift Magnet



#### HIGH PRESSURE WATER

HPW Hydraulic High Pressure Water Pump  
HPW Hydraulic Power Washer  
KPL High Pressure Street Washing Unit  
PPL High Pressure Pipe Cleaning Unit  
HPW-DUST High Pressure Dust Suppression System  
HPW-FIRE High Pressure Firefighting System  
FP Fire Fighting Piercing Kit  
HDF Hydraulic Drilling Fluid Pump  
JPL High Pressure Bin Washing System  
HSP Hydraulic Submersible Pump



#### VIBRATION

HVB Hydraulic Vibra  
HVD Hydraulic Directional Vibra



#### POWER BOOSTING

HPI Hydraulic Pressure Intensifier  
HPI-C Hydraulic Pressure Intensifier for Cylinder



#### COMPRESSED AIR

HK Hydraulic Compressor (piston)  
HKL Hydraulic Rotary Vane Compressor  
HKR Hydraulic Screw Compressor



#### KNOW-HOW

HHK Hydraulic Grinder  
HV/HVY Hydraulic Winch / Winch Unit  
Hydraulic Power Take-off (PTO)  
Hydraulic Power Unit Technology  
De-Icing Technology  
Installation Valves

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