

12/18
rev 1.3

DATA SHEET

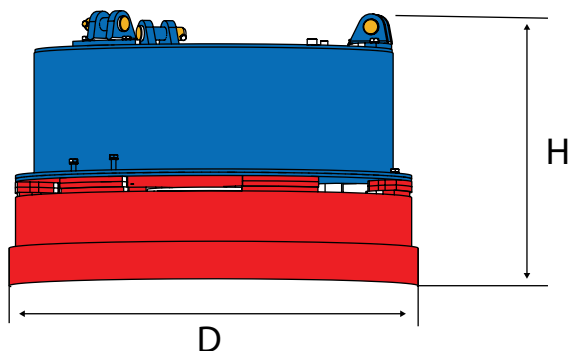
HMAG PRO HYDRAULIC MAGNET



HMAG PRO 700 - 21
HMAG PRO 900 - 34

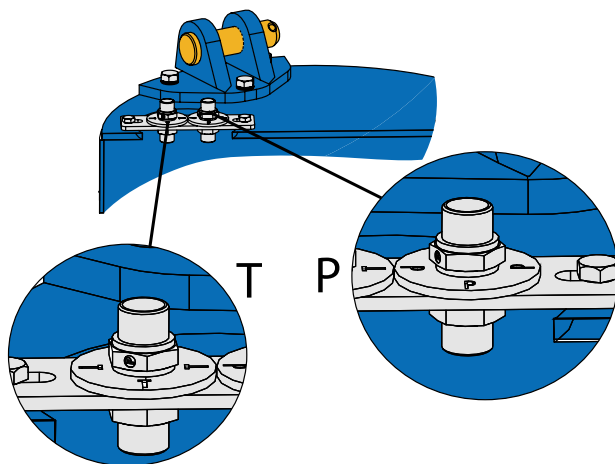
HMAG PRO 1200 - 49
HMAG PRO 1400 - 57

DIMENSIONS



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

HYDRAULIC PORTS



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

TECHNICAL SPECIFICATIONS

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

Gallons are U.S. liquid gallons

* Depending on the hydraulic fluid.
Other options available by request.



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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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