

09/20
rev 1.4

DATA SHEET

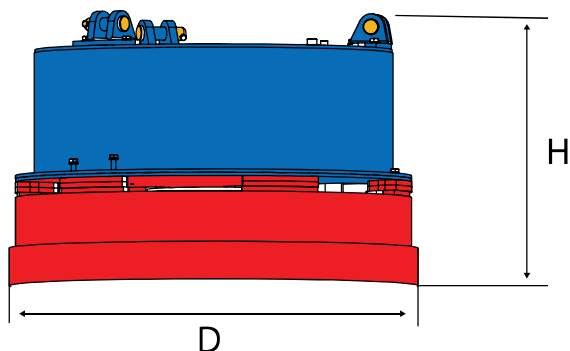
HMAG PRO HYDRAULIC MAGNET



HMAG PRO 700 - 21
HMAG PRO 900 - 34

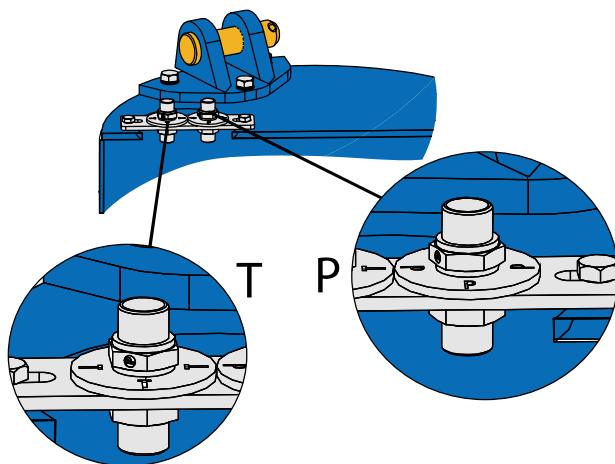
HMAG PRO 1200 - 49
HMAG PRO 1400 - 57

DIMENSIONS



MODEL	DIMENSIONS, mm (in)		WEIGHT
	ØD	H	kg (lbs)
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%	9,8 ± 5%	5,4 ± 5%	4,8 ± 5%
Efficient duty rating	ED%	60	60	60	60
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.