

DATA SHEET

MAG LIFT MAGNET

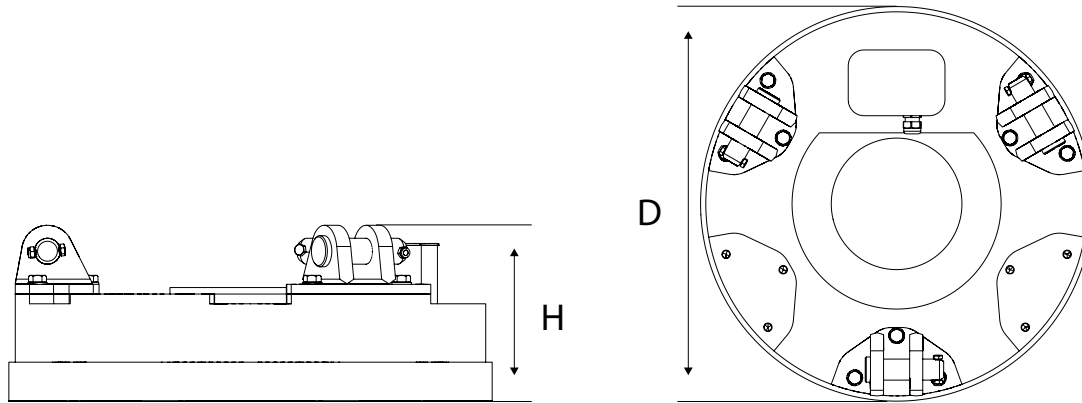


MAG 700UL
MAG 900L
MAG 1000M

MAG1200L
MAG 1400L
MAG 1500H

MAG 1600M
MAG 1600H
MAG 1800H

DIMENSIONS



MODEL	DIMENSIONS, mm (in)		WEIGHT
	ØD	H	kg (lbs)
MAG 700 UL	750 (29.5)	215 (8.5)	290 (638)
MAG 900 L	960 (37.8)	280 (11.0)	650 (1430)
MAG 1000 L	1050 (41.3)	300 (11.8)	850 (1760)
MAG 1200 L	1260 (49.6)	305 (12.0)	1100 (2420)
MAG 1400 L	1400 (57.1)	285 (11.2)	1400 (3080)
MAG 1500 H	1550 (61.0)	390 (15.4)	2950 (6420)
MAG 1600 M	1650 (65.0)	365 (14.4)	3300 (7260)
MAG 1600 H	1670 (65.7)	420 (16.5)	3850 (8470)
MAG 1800 H	1840 (72.4)	450 (17.7)	4350 (9570)

TECHNICAL SPECIFICATIONS

		MAG 700 UL	MAG 900 L	MAG 1000 M	MAG 1200 L
OUTPUT CHARACTERISTICS					
Magnet coil power max.	KW	3,0	4,9	5,5	9,0
Operating voltage	VDC	220±5%			
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)	16000 (35200)	15000 (33000)
Slabs, blocks	kg (lbs)	2700 (5490)	5250 (11550)	8000 (17600)	7500 (16500)
Cast iron pigs	kg (lbs)	105 (231)	230 (506)	350 (770)	410 (902)
Scrap, kg (lbs)	grade 3A	80 (176)	200 (440)	320 (704)	370 (814)
	grade 24	70 (154)	190 (418)	290 (638)	360 (792)
	grade 40	40 (88)	100 (220)	150 (330)	190 (418)

		MAG 1400 L	MAG 1500 H	MAG 1600 M	MAG 1600 H	MAG 1800 H
OUTPUT CHARACTERISTICS						
Magnet coil power max.	KW	10,0	12,5	15,0	16,0	20,0
Operating voltage	VDC	220±5%				
Magnet coils allowed resistance (20 °C)	Ohm	4.8 ± 5%	3.9 ± 5%	3.2 ± 5%	3.0 ± 5%	2.4 ± 5%
NOMINAL LIFTING CAPACITY						
Tear-off w/ air gap Ø/300	kg (lbs)	18000 (74800)	42000 (92400)	44000 (96800)	51500 (113300)	70000 (154000)
Slabs, blocks	kg (lbs)	9000 (20900)	17000 (37400)	22000 (48400)	27500 (60500)	35000 (77000)
Cast iron pigs	kg (lbs)	580 (2420)	1450 (3190)	1330 (2920)	1650 (3630)	2150 (4730)
Scrap, kg (lbs)	grade 3A	530 (1160)	1300 (2860)	1220 (2680)	1500 (3300)	2000 (4400)
	grade 24	510 (1120)	1200 (2640)	1150 (2530)	1400 (3080)	1800 (3960)
	grade 40	240 (530)	600 (1320)	580 (1270)	700 (1540)	900 (1980)

Other options i.e. rectangular and other shapes of magnets 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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