

HMG PRO

HYDRAULIC MAGNET GENERATOR

VAN-ED
ATTACHMENTS & MORE

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HMG PRO

HMG PRO		HMG PRO 3	HMG PRO 6	HMG PRO 10	HMG PRO 12	HMG PRO 15	HMG PRO 20	HMG PRO 30	HMG PRO 40
OUTPUT CHARACTERISTICS									
Output power	kW	3	6	10	12	15	20	30	40
Magnet coil power	kW	3	5,5	9,5	11,5	14,5	19,5	29,5	39,5
Operating voltage	VDC	220							
Control		Electric (6 - 32V) / Hydraulic							
Auxiliary power output		Optional							
HYDRAULIC POWER REQUIREMENTS									
Flow min.	l / min (U.S. gpm)	23 (6.1)	36 (9.5)	51 (13.5)	60 (15.9)	67 (17.7)	88 (23.2)	122 (32.2)	167 (44.1)
Pressure max.	bar (psi)	210 (3000)	210 (3000)	210 (3000)	210 (3000)	210 (3000)	210 (3000)	250 (3600)	250 (3600)
OVERALL DIMENSIONS									
Length	mm (in)	431 (17.00)	526 (20.71)	582 (22.95)	580 (22.84)	828 (32.60)	878 (34.57)	993 (39.10)	1003 (39.49)
Width	mm (in)	337 (13.30)	326 (12.84)	325 (12.80)	460 (18.11)	501 (19.73)	511 (20.12)	515 (20.28)	600 (23.63)
Height	mm (in)	317 (12.48)	351 (13.82)	355 (13.98)	375 (14.77)	416 (16.38)	416 (16.38)	450 (17.72)	600 (23.63)
Weight	kg (lbs)	43(95)	43(95)	68(150)	100(220)	145(320)	163(359)	175(386)	198(437)

Also available CMG PRO hydraulic magnet generator for hydraulic control only.

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HYDRAULIC MAGNET GENERATOR

MAG		MAG 700	MAG 900	MAG 1000	MAG 1200	MAG 1400
OUTPUT CHARACTERISTICS						
Magnet coil power	kW	3	4,9	5,5	9,0	10
Operating voltage	VDC	220				
NOMINAL LIFTING CAPACITY						
Tear-off w/o air gap Ø/300	kg (lbs)	5500 (12125)	10500 (23149)	16000 (35274)	15000 (33069)	18000 (39683)
Slabs, blocks	kg (lbs)	2750 (6063)	5250 (11574)	8000 (17637)	7500 (16535)	9000 (19842)
Cast iron pigs	kg (lbs)	105 (231)	230 (507)	350 (772)	410 (904)	580 (1279)
Scrap	grade 3A, kg (lbs)	80 (176)	200 (441)	320 (705)	370 (816)	530 (1168)
	grade 24,kg (lbs)	70 (154)	190 (419)	290 (639)	360 (794)	510 (1124)
	grade 40, kg (lbs)	40 (88)	100 (220)	150 (331)	190 (419)	240 (529)
OVERALL DIMENSIONS						
Diameter Ø	mm (in)	720 (28.35)	950 (37.40)	1070 (42.13)	1250 (49.22)	1450 (57.09)
Weight	kg (lbs)	275 (606)	650 (1433)	870 (1918)	1100 (2425)	2550 (5621)

HMAG PRO		HMAG PRO 700-21	HMAG PRO 900-34	HMAG PRO 1200-49	HMAG PRO 1400-59
OUTPUT CHARACTERISTICS					
Magnet coil power	kW	3	4,9	5,5	9,0
Operating voltage	VDC	220			
NOMINAL LIFTING CAPACITY					
Tear-off w/o air gap Ø/300	kg (lbs)	5500 (12125)	10500 (23149)	15000 (33069)	18000 (39683)
Slabs, blocks	kg (lbs)	2750 (6063)	5250 (11574)	7500 (16535)	9000 (19842)
Cast iron pigs	kg (lbs)	105 (231)	230 (507)	410 (904)	580 (1279)
Scrap	grade 3A, kg (lbs)	80 (176)	200 (441)	370 (816)	530 (1168)
	grade 24,kg (lbs)	70 (154)	190 (419)	360 (794)	510 (1124)
	grade 40, kg (lbs)	40 (88)	100 (220)	190 (419)	240 (529)
HYDRAULIC POWER REQUIREMENTS					
Flow min.	l / min (U.S. gpm)	22 (5.8)	36 (9.5)	52 (13.8)	61 (16.1)
Pressure max.	bar (psi)	350 (5000)	350 (5000)	350 (5000)	350 (5000)
OVERALL DIMENSIONS					
Diameter Ø	mm (in)	720 (28.35)	950 (37.40)	1250 (49.22)	1450 (57.10)
Weight	kg (lbs)	275 (606)	650 (1433)	1550 (3410)	1700 (3740)

Standard MAG includes chains. Quick coupler attachments and quick coupling connectors are also available. More models and options available by request; rectangle form, claws, underwater.