

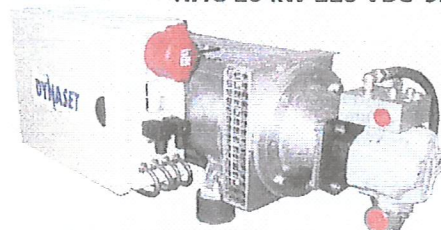


HYDRAULIC MAGNET GENERATORS HMG-series

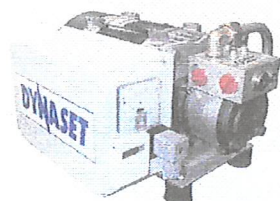
DYNASET hydraulic magnet generators are compact and integrated all-in-one units, designed for both mobile and workshop installation. The only power source is a hydraulic system to provide generator with required hydraulic fluid flow at demanded pressure.

DYNASET hydraulic magnet generator transforms hydraulic power into high quality electricity, which is used for energising ferrous metal handling magnet.

HMG 20 kW 220 VDC-92



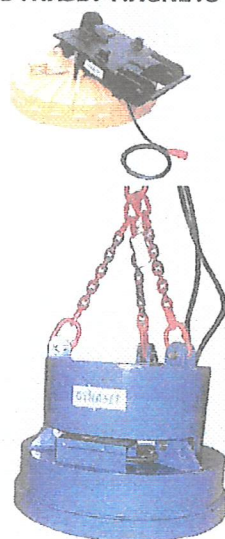
HMG 3,5 kW 220 VDC-17



HYDRAULIC MAGNET GENERATORS				HMG 3,5 kW 220 DC-17	HMG 6,0 kW 220 DC-30	HMG 10 kW 220 DC-44	HMG 12 kW 220 DC-52	HMG 15 kW 220 DC-65	HMG 20 kW 220 DC-92	HMG 30 kW 220 DC-120
POWER CHARACTERISTICS										
Generator power	max.	kW		3,5	6	10	12	15	20	30
Coil power	max.	kW		3	5,5	9,5	11,5	14,5	19,5	29,5
Operation voltage		V ± %		220 ± 5%	220 ± 5%	220 ± 5%	220 ± 5%	220 ± 5%	220 ± 5%	220 ± 5%
Voltage control				AUTOMATIC						
AUXILIARY ELECTRICITY	230/400 VAC	kVA		3,5 kW/230 VAC	OPTIONAL					
CONTROL VOLTAGE		V DC		12/24	24	24	24	24	24	24
DEMAGNETISING				AUTOMATIC						
HYDRAULIC REQUIREMENTS										
oil flow		l/min		18	32	46	54	67	95	124
oil pressure	max.	bar		250	250	250	250	250	250	250
WEIGHT		kg		28	49	63	76	110	160	210

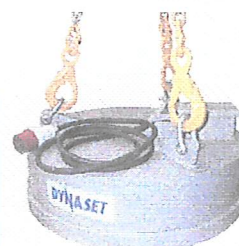
DYNASET MAGNETS FOR STEEL AND IRON HANDLING

CAST SHELL, DEEP FIELD ALUMINIUM WOUND, COMPLETED WITH ELECTRIC CONNECTOR. LIFTING CHAINS OR QUICK ATTACH PLATE ARE OPTIONS.



DYNASET MAGNETS FOR STEEL AND IRON HANDLING		MAG 700	MAG 900	MAG 1150	MAG 1250	MAG 1350	MAG 1500	MAG 1700	MAG 1900
DIAMETER	Ø mm	700	900	1150	1250	1350	1500	1700	1900
COIL POWER	kW	2,8	4,5	5,7	8,3	8,9	10,5	12,7	17,5
OPERATING VOLTAGE	V DC	220							
LIFTING CAPACITY									
Steel	kg	3600	6600	12400	14800	15800	19200	32250	39200
Ingots	kg	180	380	660	850	1000	1340	2000	2600
Broken cast	kg	130	290	530	650	800	1150	1600	2100
Scrap	kg	130	290	500	600	710	1000	1500	2100
Cutting waste	kg	100	180	300	350	400	550	800	920
WEIGHT	kg	290	560	1060	1340	1650	2200	3420	4850

DYNASET hydraulic magnet HMA is a quick release unit which is to be either hooked on excavator's boom or attachment or, alternatively, mounted to the boom with quick plate in no time. Hydraulic flow is taken from attachment's supply line or any other service line attached to the excavator's boom.



HYDRAULIC MAGNETS	DIAMETER mm	COIL POWER	HYDRAULIC REQUIREMENTS		
			FLOW min l/min	PRESSURE operation bar	maximum bar
HMA 700-16	700	2,8 kW 220 VDC	18	200	350
HMA 900-32	900	4,5 kW 220 VDC	32	200	350
HMA 1200-48	1200	8,3 kW 220 VDC	48	200	350
HMA 1500-54	1500	10,2 kW 220 VDC	54	200	350

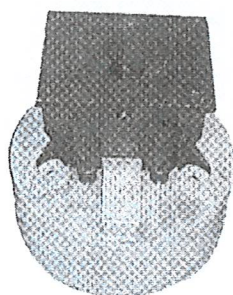
DYNASET HYDRAULIC MAGNET

07/01

NEW Hydraulic magnet is handy accessory for demolition works to clean and separate iron and steel from waste concrete and wood. The control is direct by hydraulic of excavator or crane. Construction of hydraulic magnet is the combination of electric magnet coil and hydraulic generator with automatic control system.

HMAG 700-18

HMAG 900-32



EASY AND QUICK MOUNTING! Quick coupling with chain or quick coupling plate direct to boom. The needed oil flow is very small and every normal functions work normally at the same time. The hydraulic magnet has own oil flow and pressure limiter valves so that you can use it in every machine. Hydraulic quick couplings make the mounting much more faster and easier.

EASY TO USE! Control of Dynaset hydraulic magnet works by breaker button or pilot pedal. Turning hydraulic oil flow on the magnet starts lift iron and steel. Turning hydraulic oil flow off the magnet demagnetise automatically.

	HMAG 700-18	HMAG 900-32	HMAG 1200-48
■ Dia.	700 mm	900 mm	1200 mm
■ Weight	430 kg	820 kg	1500 kg
■ Coil			
power	2,8kW 220 VDC	4,5kW 220 VDC	8,3kW 220 VDC
■ Gen.			
power	3,5kW 220 VDC	6,0kW 220 VDC	10 kW 220 VDC
■ Hydr.oil flow			
need	18 l/min	32 l/min	48 l/min
■ Hydr.pressure			
	200bar/max350 bar	200bar/max350 bar	200bar/max 350 bar



DYNASET

ELECTRO - AIMANT à COMMANDE HYDRAULIQUE

Type H.M.A.G - série

AIMANTS PORTEUR DYNASET Pour Acier et Fer		MAG 700	MAG 900	MAG 1 150	MAG 1 250	MAG 1 350	MAG 1 500	MAG 1 700	MAG 1 900
Diamètre	Ø mm	700	900	1 150	1 250	1 350	1 500	1 700	1 900
Puissance de la bobine	kW	2,8	4,5	5,7	8,3	8,9	10,5	12,7	17,5
Tension d'alimentation	V DC	220							
Capacités de levage									
Acier	Kg	3 600	6 600	12 400	14 800	15 800	19 200	32 250	39 200
Lingots	Kg	180	380	660	850	1 000	1 340	2 000	2 600
Pièces de fonderie	Kg	130	290	530	650	800	1 150	1 600	2 100
Morceaux	Kg	130	290	500	600	710	1 000	1 500	2 100
Déchets Hachés	Kg	100	180	300	350	400	550	800	920
Poids	Kg	290	560	1 060	1 340	1 650	2 200	3 420	4 850