



MEEA

MOBILE ENERGY AUSTRALIA

Specialists in vehicle mounted compressor & generator systems

HMG & MAGNET

HYDRAULIC MAGNET GENERATOR
& LIFTING MAGNETS



POWERFUL. RELIABLE. HMG.

HMG 10



HMG 30



Hydraulic Magnet Generator

The compact hydraulic magnet generator is primarily designed for mobile machinery. The magnet generator can be safely connected with any hydraulic system.

The Mobile Energy Australia magnet generator, effectively transforming the hydraulic power of a work machine into electricity, is perfect power source for a material handling magnet. Features of the magnet generator include easy to use and quick demagnetizing. This grants great accuracy in material handling. The ways of exploiting the magnet generator can be expanded with an optional AC box. It enables the generator to provide high quality electricity for any external device.

Hydraulic Lifting Power

The hydraulic magnet generator transforms the hydraulic power of a work machine effectively into magnet lifting power.

Power Always, Reliably

A work machine equipped with a hydraulic magnet generator is always ready for lifting tasks, with any suitable magnet available!

The magnet generator doesn't give you hard time: it starts with hydraulic reliability and requires no extra fuel.



Fast, Durable, and Safe

Quick demagnetization guarantees swift and accurate handling of ferrous material. Vibration free running and automatic speed control valve make sure that the generator is safe in use and will serve with no problems for a long time.

Electricity for External Devices

The magnet generator can be equipped with an AC-box, enabling it to provide electric power for any electric device and work tool. The cost of producing electricity is very affordable.



Magnet Generator	Electric Power			Aux Electricity	Control Voltage VCD	Weight kg	Hydraulic Requirements	
	Power Max kW	Magnet Coil Power Max kW	Operation Voltage V %				Minimum Flow l/min	Maximum pressure bar
HMG 3 kW 220 VDC-17	3,5	3	220 ± 5%	3,5kVA/230VAC 230/400VAC (Optional AC box)	12/24	28	18	250
HMG 6 kW 220 VDC-30	6	5,5	220 ± 5%		24	49	32	250
HMG 10 kW 220 VDC-44	10	9,5	220 ± 5%		24	63	46	250
HMG 12 kW 220 VDC-52	12	11,5	220 ± 5%		24	76	54	250
HMG 15 kW 220 VDC-65	15	14,5	220 ± 5%		24	110	67	250
HMG 20 kW 220 VDC-92	20	19,5	220 ± 5%		24	160	95	250
HMG 30 kW 220 VDC-120	30	29,5	220 ± 5%		24	210	124	250

Lifting Magnets

High quality lifting magnets are perfect for handling ferrous material of any size and type. The magnets have a cost shell, deep field aluminum wound and an electric connector. Quick attachment plate and handy grab attachment are available as handy options. Special magnet sizes, shapes and finishes are available by request.



Technical parameters (Rated voltage: DC-220V Duty cycle-60%)

Model		LMW1 -70	LMW1 -80	LMW1 -90	LMW1 -110	LMW1 -120	LMW1 -130	LMW1 -140	LMW1 -150	LMW1 -165	LMW1 -180	LMW1 -185	LMW1 -210	LMW1 -220	LMW1 -240	
Outline Dimension	A	700	800	900	1100	1200	1300	1400	1500	1650	1800	1850	2100	2200	2400	
	B	1100	1100	1070	1300	1400	1350	1420	1550	1600	1940	1930	1920	2070	2040	
	C	250	250	250	250	250	250	250	340	340	360	360	360	400	400	
	D	140	140	140	140	140	140	140	200	200	220	220	220	250	250	
	E	45	45	45	45	50	50	50	60	60	70	70	70	80	80	
Weight	Kg	450	550	740	1200	1530	1780	2100	2580	3250	4300	4690	6350	7030	8260	
Ampere (Cool)	A	16.4	19.2	25.3	36.1	38.2	59.1	68.4	70.1	76.6	97.4	112.1	136.8	143.8	157.3	
(Hot)		9.91	11.6	15.3	21.8	23.2	35.7	41.4	46.5	46.5	58.6	67.8	83	87	94.6	
Power (Cool)	KW	3.61	4.23	5.56	7.93	8.4	12.99	15.05	15.41	16.86	21.43	24.67	30.1	31.63	34.6	
(Hot)		2.18	2.56	3.36	4.79	5.1	7.85	9.11	9.31	10.22	12.89	14.91	18.26	19.14	20.82	
Lifting capacity (Cool/Hot)	Steel balls	2500	3000	4500	6500	7500	8500	9500	11000	13000	14500	15500	21000	23000	28000	
	Steel ingot	385/200	485/250	615/410	1030/830	1200/900	1450/1130	1730/1320	1960/1540	2400/1840	2880/2100	3000/2300	3620/2900	4300/3250	4800/3850	
	Steel scrap	125/100	150/130	250/200	455/410	580/500	710/600	950/900	1100/900	1360/1150	1650/1400	1720/1470	2290/1900	2500/2000	2930/2300	
Other Devices	Control panel	LA00-5			LA00-10			LA00-15	LA00-20			LA00-25			LA00-35	
	Cable roll	JTA75-15-2-■								JTA10 0-15-2-■	JTA135-15-2-■			JTA170-15-2-■		
	Cable connector	DL-102								DL-202						