

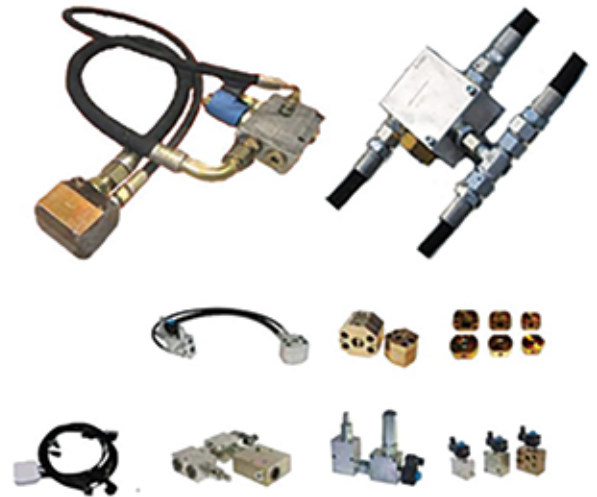
# **DYNASET** HYDRAULIC DRIVEN MAGNET POWER & CONTROL SYSTEMS

A complete package to provide 230 Volt DC power for magnet operation including generator, controller, hydraulic drive assembly, & lift/drop controls

The **HMG PRO** is supplied with a complete valve package, including custom valve kit for any machine. Suitable for all hydraulic systems: fixed or variable displacement, open center, or load sensing systems. No additional pump or valves required for installation.



COMPLETE  
SYSTEM  
INCLUDES:



• AVAILABLE IN 6 TO 40 KW SYSTEMS

## FEATURES

- **No extra costly pumps or valves required**
- Constant voltage regardless of engine RPM or machine function
- Equipped with speed control drive
- Safe 24 Volt control circuit (12 Volt optional)
- Solid state controller - no contactors and diodes
- Up to 2x faster drop times with full clean discharge
- On-board self diagnostic system with fault code display
- Weatherproof design
- Simple, single push button control for magnet lift/drop functions
- Modular design, small compact system for easy installation
- Power outlets for 110 VOLT AC current for power tools, lights, etc.



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# **DYNASET** HYDRAULIC DRIVEN MAGNET POWER & CONTROL SYSTEMS

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

