



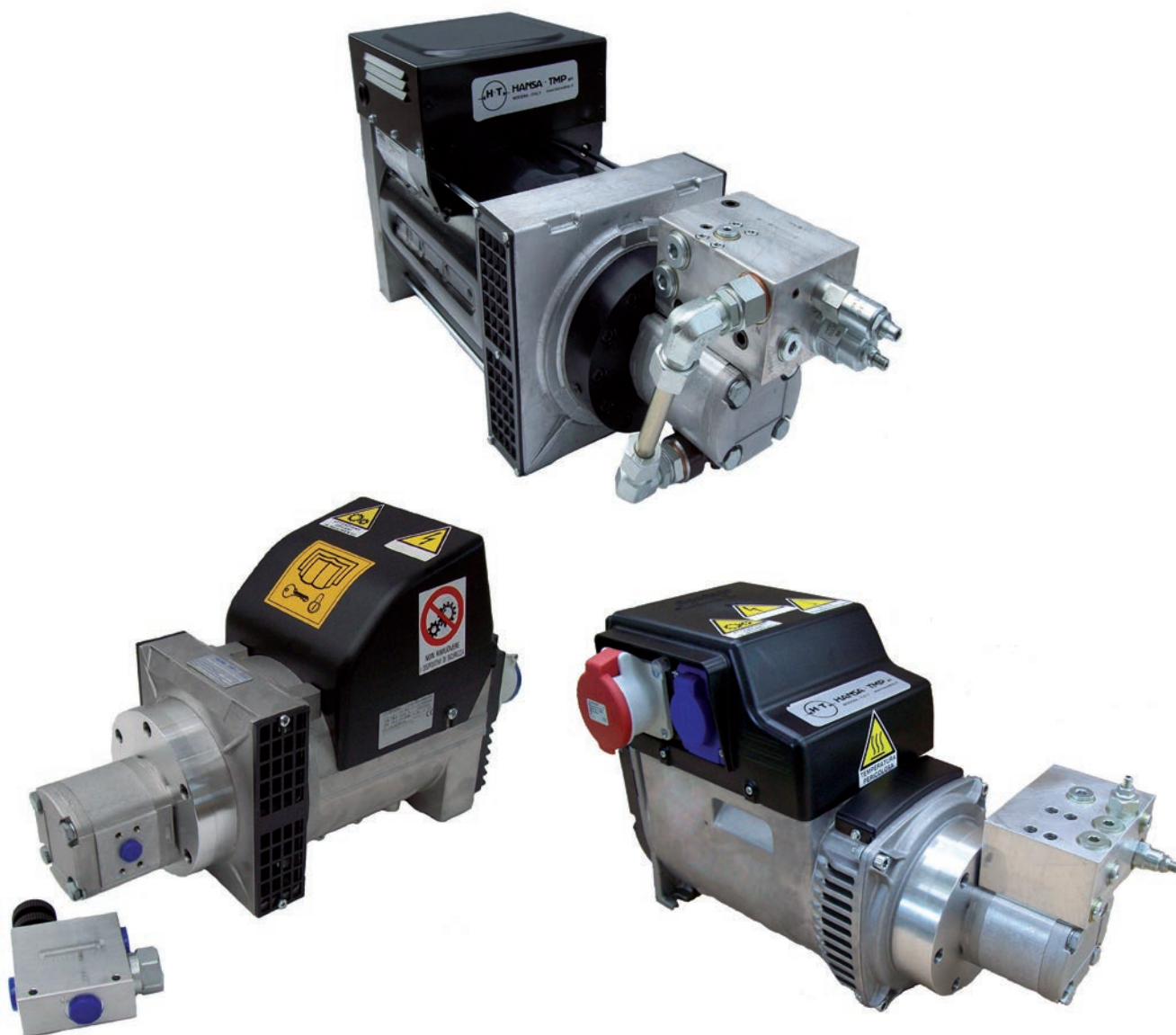
HYDRAULIC COMPONENTS
HYDROSTATIC TRANSMISSIONS
GEARBOXES - ACCESSORIES

MANUFACTURING
THE PRODUCTION LINE OF HANSA-TMP

HT 2400 / A / 109 / 0311 / E / V

HANSA-TMP HYDRAULIC GENERATORS HIGH QUALITY ELECTRICITY

For use with Fixed or Variable Displacement Pumps



HANSA-TMP is an Italian manufacturer, that engineers hydraulic components to a very high standard.

In the hydraulic generator field we provide standard solutions with power up to 13,5 kVA at 50 Hz or 60 Hz. We also supply special units such as: welders, lifting magnets and different configurations of powers, AC tensions.

This new range of hydraulic generators are reliable on-site power supply and cost saving.

All our hydraulic generators can be easily installed in any working machine and run with the hydraulic of the system, this is an alternative to a generator run with engine, which is really a more expensive solution.

HANSA-TMP hydraulic generators provide high quality electricity for various tools and equipment, such as: hand tools, welding machines, pumps and electric motors, everywhere you work using the hydraulic power of the machine.

Standard Features:

- Frequency 50 Hz or 60 Hz
- AC current - 2 poles
- Mono-phase - Power from 3,5 to 10 kVA
- Three-phase - Power from 5,5 to 13,5 kVA
- Designed to provide clean and quiet power with low oscillation
- Flow regulator maintains frequency at 50 Hz or 60 Hz \pm 2%
- Automatic voltage regulation accuracy \pm 5%
- Total harmonic distortion less than 3%
- Standard plugs are according to DIN
- Standard protection class IP23

On Request:

- Different voltages or frequencies
- Tropicalized winding
- Insulation system according to UL 1446
- Different types of accessories, such as switches, voltmeters, battery chargers
- Certificates for the electric part: CE and CSA International are available
- Other protections on request

	50Hz FREQUENCY					
	Electric			Hydraulic		
Generator Model	kVA	Number of Phases	Alternator Speed rpm	Min. Inlet Flow l/min	Max. Pressure bar	Motor Type
HTG 3,5 - 50	3,5	Single Phase 115 / 230 V	3.000	22	210	Gear
HTG 4,5 - 50	4,5			22		
HTG 6,0 - 50	6,0			27		
HTG 7,0 - 50	7,0			35		
HTG 8,0 - 50	8,0			50		
HTG 10,0 - 50	10,0			60		
HTG 5,5 - 50	5,5	Three Phases 230 / 400 V		27		
HTG 7,0 - 50	7,0			35		
HTG 9,0 - 50	9,0			50		
HTG 10,0 - 50	10,0			60		
HTG 13.5 - 50	13.5			72		

	60Hz FREQUENCY					
	Electric			Hydraulic		
Generator Model	kVA	Number of Phases	Alternator Speed rpm	Min. Inlet Flow l/min	Max. Pressure bar	Motor Type
HTG 3,5 - 60	4,2	Single Phase 138 / 277 V	3.600	25	250	Pistons
HTG 4,5 - 60	5,4			25		
HTG 6,0 - 60	7,2			30		
HTG 7,0 - 60	10,4			38		
HTG 8,0 - 60	9,8			55		
HTG 10,0 - 60	12,0			65		
HTG 5,5 - 60	7,0	Three Phases 277 / 480 V		30		
HTG 7,0 - 60	8,5			38		
HTG 9,0 - 60	11,0			55		
HTG 10,0 - 60	12,5			55		
HTG 13,5 - 60	16,5			74		

PRIORITY VALVE for Fixed Displacement Pumps

The manifold incorporates all the required valves to allow the generator to operate without the need of any other component parts. It incorporates: a pressure relief valve, a pressure compensated flow control valve, an anticavitation circuit and a by-pass line remote controlled.

To install, you simply connect the existing pressure line from the function pump into P, then connect the tank return line from T.

The circuit provide a regulated flow to the gear motor giving high rotation stability to the alternator. Excess flow is returned to tank.

Oil flow passes directly into tank, with the by-pass activated activated.

LOAD-SENSING VALVE for Variable Displacement Pumps

The manifold incorporates all the required valves to allow the generator to operate without the need for any other component parts. It incorporates a 12v or 24v on/off solenoid valve, pressure relief valve, pressure compensated flow control and integral shuttle valve for load sensing purposes.

To install, it is necessary to connect the existing pressure line to P port of the manifold block and then connect a return line to tank. The existing load sense line from the machine directional control valve is then connected to load sensing port on the manifold and to the pump.

Examples of Applications

GENERATORS FOR LIFTING MAGNETS

HANSA-TMP hydraulic generators for lifting magnet transform the hydraulic power of the machine into magnetic lifting power.

The hydraulic generators for lifting magnet are a quick solution, they can be easily mounted on excavators, connected to the hydraulic system. They can accept back pressure up to 20 bar and on request up to 50 bar.

Voltage accuracy up to $\pm 5\%$ gives great accuracy in material handling.



YACHTS



AERIAL PLATFORMS



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