

ELECTRIC GENERATORS WITH HYDRAULIC MOTOR



HG 7000 - HG 10000 are compact hydraulic generators with power respectively of :
HG7000 / 7 KVA in tri phase and 3 KVA single
HG10000 / 10 KVA in tri phase and 4 KVA single
 Their use is ideal as accessory of excavators, earth moving equipment, trucks, sky lifts, cranes, boats, mobile workshops and all machines equipped with sufficient hydraulic circuit.

The connection to machines is easy as the generators are self regulated, two flexible hoses are sufficient and in few minutes vehicles become powerful generators that can power electric machinery and tools of all type, avoiding the presence of gasoline engine generators with their associated problems of starting, maintenance, fuel availability, transport, exhaust fumes and noise.

HG 7000 - HG 10000 are quality products that increase significantly the equipment versatility improving productivity and providing anywhere is necessary low cost and low maintenance electricity.

ADVANTAGES

- NO NOISE EMISSION - NO EXHAUST FUMES AND VIBRATIONS - LONG OPERATIVE LIFE - EXTREMELY LIGHT AND EASY TO TRANSPORT - MAINTENANCE VIRTUALLY INEXISTENT AND LOW RUNNING COSTS
- THE MINIMAL WEIGHT AND DIMENSIONS AND THE RATIONAL BASE CHASSIS ALLOW AN EASY INSTALLATION ON MACHINES
- HIGH QUALITY ALTERNATOR WITH R.C.B.O. PROTECTION, VOLTMETER
- THE EXCLUSIVE SELF REGULATED DOA GEAR MOTOR PROTECTS FROM ERRONEOUS ROTATION AND EXCESS OF FLOW AND SPEED

WEIGHT AND DIMENSIONS

	HG 7000	HG 10000
WEIGHT	35 kg	40 kg
HEIGHT	36 cm	40 cm
LENGTH	60 cm	60 cm
WIDTH	22 cm	22 cm

ELECTRIC CHARACTERISTICS

	HG 7000	HG 10000
POWER TRIPHASE	7 KVA	10 KVA
POWER SINGLE PHASE	3 KVA	4 KVA
VOLTAGE	400/230 Vac	
FREQUENCY	50 Hz	
CIRCUIT PROTECTION	RCBO thermic	
PROTECTION	210 Bar	

NOTE: DOA produces also generators with higher power or different electric characteristics of voltage /frequency. For special configuration contact DOA.

HYDRAULIC CHARACTERISTICS

	HG 7000	HG 10000
FLOW MIN-MAX	38 - 42 L/min	40 - 42 L/min
IDEAL FLOW	38 L/min	42 L/min
PRESSURE	210 Bar	210 Bar
BACKPRESSURE	max 17 bar	
FLOW REGULATION ON MOTOR	NOT ON ALL UNITS	



Detail of the hydraulic motor with integrated control valves

In case the flow available from machine is not sufficient to power generators at maximum electric output, the flow regulation on motor is not necessary. This technical details will be discussed at the order. DOA reserves the right to change characteristics and improve tools in any moment without previous notice.