

ELECTRIC GENERATORS WITH HYDRAULIC MOTOR



HG 3000 - HG 5000 are compact hydraulic generators with power respectively of :

3000 and 5000 Watt - 230 volt - 50 HZ - AC

Their are ideal used in conjunction, and as accessory, of mini excavators, earth moving equipment, trucks, skylifts, cranes, boats, power packs and all machinery equipped with a sufficient hydraulic circuit. The connection to the machines is very easy as the generators are hydraulically self regulated, two flexible hoses are sufficient and in few seconds your excavator or truck becomes a powerfull generator that can power electric tools of all types, illuminate and also welding, avoiding the presence of gasoline engine generators with their associated problems of starting, maintenance, fuel availability, transport, exhaust fumes and noise.

HG 3000 - HG 5000 are a hight quality products that can 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 INEXHISTENT AND LOW RUNNING COSTS
- THE MINIMAL WEIGHT AND DIMENSIONS AND THE RATIONAL FRAME ALLOW AN EASY INSTALLATION ON BOARD THE 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
- ROBUST STAINLESS STEEL FRAME WITH RUBBER FEET AND BENDABLE LIFTING EYE

WEIGHT AND DIMENSIONS

	HG 3000	HG 5000
WEIGHT	25 kg	35 kg
HEIGHT	43 cm	43 cm
LENGTH	60 cm	60 cm
WIDTH	27 cm	27 cm

ELECTRIC CHARACTERISTICS

POWER	3000 - 5000 Watt
VOLTAGE	230 Volt
FREQUENCY	50 Hz
CIRCUIT PROTECTION	R.C.B.O.
GRADE PROTECTION	IP 23

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

HYDRAULIC CHARACTERISTICS

	HG 3000	HG 5000
FLOW MIN-MAX	25-40 l/min	30-40 l/min
IDEAL FLOW	30 l/min	35 l/min
PRESSURE	150 bar	150 bar
BACKPRESSURE	max 17 bar	
EHTMA GROUP	D	E



View of the motor side



Detail of the exclusive hydraulic motor with integrated control valves