

WELDER AND GENERATOR THREE / SINGLE PHASE WITH HYDRAULIC MOTOR



HW 300 is a professional DC welder with capacity of 300 Ampere powered by hydraulic motor, machine can also be used as generator with three single phase.

HW300 gives low cost welding capacity and electricity obtained from the hydraulic circuits of excavators, trucks, mobile work shops, service vehicles and all machines with sufficient hydraulic capacity.

The welding current can be fine regulated to give the precise capacity needed in professional welding works.

Hydraulic functioning means : quietness, safety, reduced weight and space, no need of extra fuels , easy transportability, robustness, absence of vibrations and exhaust smokes, minimal maintenance necessity.

HW 300 increases the versatility of the machines and eliminate all problems associated with traditional engine powered welders.

ADVANTAGES

- TOOL IS DELIVERED INSTALLED ON A STEEL SUPPORT FIXED BY SHOCK MOUNTS -
- HIGH QUALITY COMPONENTS
- EXCLUSIVE GEAR MOTOR PROTECTED BY HYDRAULIC VALVE AGAINST EXCESS OF FLOW / SPEED - SUDDEN BLOCK OF ROTATION - REVERSED ROTATION
- VOLTMETER ALLOW TO VISUALIZE CORRECT SETTING AND SPEED
- WELDING CURRENT CAN BE FINE ADJUSTED TOHAVE IDEAL WELDING PARAMETERS

WEIGHT AND DIMENSIONS

WEIGHT	90 KG
HEIGHT	44 cm
LENGTH	68 cm
WIDTH	33 cm

HYDRAULIC CHARACTERISTICS*

MINIMUM NEEDED HYDRAULIC POWER	45 L/min @ 180 BAR
MAX FLOW TO TOOL	55 L/min
PRESSURE max	210 bar
TOLERABLE BACK PRESSURE	17 bar

ELECTRIC CHARACTERISTICS

WELDER SPECIFICATIONS

WELDING CURRENT max	300 Amp
WELDER TYPE	DC - SYNCHRONOUS
DUTY	max 60 %
WELDABLE ELECTRODES	ALL TYPES INCLUDING BASIC AND CELLULOSICS

GENERATOR SPECIFICATIONS

	Tri phase Single phase
POWER	8,4 KVA - 4,5 KVA
SOCKET	CE TYPE
TENSION	400 - 230 VOLT
FREQUENCY	50 HZ
CLASS OF INSULATION (PROTECTION)	F/H (IP 21)

SUPPLIED WITH AUTORESETTABLE THERMAL BREAKER AGAINST OVER LOAD

* **NOTE** - Welders with different power or hydraulic characteristics are also available