

DC WELDERS WITH HYDRAULIC MOTOR



HW series are professional DC welders with capacity of 170 - 200 Ampere powered by hydraulic gear motor. The tools can be connected to the circuits of earth moving equipment, trucks, cranes and all working machines with sufficient hydraulic capacity. The hydraulic functioning gives many advantages: quietness, safety, versatility, easy transportability, robustness, absence of vibrations and exhaust smokes, minimal maintenance necessity. The welders can also be used as generators for powering electric tools, for illumination, etc. HW welders increase the versatility of the machines improving the efficiency of the crews and their productivity. The use is ideal in the maintenance of urban networks, in the civil protection and military sectors and in the majority of outdoor welding works.

ADVANTAGES

- COMPACT AND EASY TO MOVE THANKS TO THE BENDING HANDLE AND THE LIFTING EYE
- EXTREMELY QUIET - LOW MAINTENANCE NEEDS
- INSTALLATION ON SHOCK MOUNTS - HIGH QUALITY COMPONENTS - STAINLESS STEEL FRAME
- GEAR MOTOR PROTECTED BY HYDRAULIC VALVE AGAINST EXCESS OF FLOW / SPEED - SUDDEN BLOCK OF ROTATION - REVERSED ROTATION

WEIGHT AND DIMENSIONS

	HW 170	HW 200
WEIGHT	39 KG	48 KG
HEIGHT	44 cm	
LENGTH	68 cm	
WIDTH	33 cm	

HYDRAULIC CHARACTERISTICS *

	HW 170	HW 200
MIN NECESSARY FLOW l/min	34	38
MAX / IDEAL FLOW l/min	38	42
PRESSURE max	190 bar	
TOLERABLE BACK PRESSURE	17 bar	

ELECTRIC CHARACTERISTICS

WELDER SPECIFICATIONS

	HW 170	HW 200
WELDING CURRENT max	170 A	200 A
WELDER TYPE	DC - SYNCHRONOUS	
DUTY	max 60 %	
WELDABLE ELECTRODES	ALL TYPES INCLUDING BASIC AND CELLULOSICS	

GENERATOR SPECIFICATIONS

	HW 170	HW 200
POWER	3 KWA	4 KWA
ALTERNATOR TYPE	SINGLE PHASE	
TENSION	115 - 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 - For special applications contact DOA. Oct. 2003