

WELDER AND GENERATOR THREE / SINGLE PHASE WITH HYDRAULIC MOTOR



HW 220 is a professional DC welder with capacity of 220 Ampere powered by hydraulic motor, it can also be used as generator three / single phase. The tool can be powered by the circuits of sky lifts, excavators, trucks, mobile service vans and all 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. HW 220 increase the versatility of the machines, its use is ideal when is needed to obtain current and to weld anywhere at low cost.

ADVANTAGES

- COMPACT AND EASY TO INSTALL AND TO MOVE
- EXTREMELY QUIET - LOW MAINTENANCE NEEDS
- INSTALLATION ON 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

WEIGHT AND DIMENSIONS

| | |
|---------------|--------------|
| WEIGHT | 45 KG |
| HEIGHT | 44 cm |
| LENGTH | 68 cm |
| WIDTH | 33 cm |

HYDRAULIC CHARACTERISTICS*

NEEDED HYDRAULIC POWER

| | | |
|--------------------------------|-----------|---------------------------|
| 35 L/min @ 180 BAR | OR | 45 L/min @ 140 BAR |
| MAX FLOW TO TOOL | | 50 L/min |
| PRESSURE max | | 210 bar |
| TOLERABLE BACK PRESSURE | | 17 bar |

ELECTRIC CHARACTERISTICS

WELDER SPECIFICATIONS

| | |
|----------------------------|--|
| WELDING CURRENT max | 220 Amp |
| WELDER TYPE | DC - SYNCHRONOUS |
| DUTY | max 60 % |
| WELDABLE ELECTRODES | ALL TYPES INCLUDING BASIC AND CELLULOSICS |

GENERATOR SPECIFICATIONS

| | | |
|---|--------------------------|--------------|
| | Tri phase | Single phase |
| POWER | 6,5 KVA - 3,5 KVA | |
| SOCKET | CEE 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 - For special applications contact DOA.