

## The V6 Invertaspot Spot Welder



- Double piston cylinder
- Ideal for car-body works and production
- Customisable welding programs
- Operation with Pneumatic clamp, manual and studder welding
- Senses the voltage and auto-compensates for the power source
- Control and regulation of all the steps of the spot welding process
- Microprocessor controlled, three phases, inverter (MFDC 2000Hz) resistance welding
- Automatic control of the spot welding current (12000A) continuous and pulse operation
- High efficiency and productivity improved in comparison with the traditional resistance welding systems.
- Over 200 pre-set programs according to the kind and thickness of the material used and to the kind of clamp chosen
- High quality and aesthetic of the spot on all kinds of high resistance steels, HSS, AHSS, galvanised steels and stainless steels.
- Standard accessories include : water cooled clamp and air cooled cables, built in water cooling system, and balancer to hold the cables.
- Control panel uses a large 5 x 7" monitor to display images, software is stored on an upgradeable CPU

### **The V6 Invertaspot Spot Welder Specifications**

Input Voltage : 380V 50Hz +/- 10% 3phase

Max Absorbed Power : 73KW

Rated Power : 25KW

Max Welding Current : 12000Amp

Max Short Circuit Current : 13000A

Power Factor : 0.8

Secondary No-Load Voltage : 4-21V

Duty Cycle : 5%

Inverter Frequency : 2000Hz

Cooling System : Air (2 Fans), Compressor Air for weld cables; Water cooling for Clamp  
Welding Cable Length : 2.2m  
Maximum Electrode Force : 8Bar 300KG  
Maximum Welding Thickness : 4 + 4mm or 2 + 2 + 2mm  
Insulation Class : H  
Protection Degree : IP22  
Dimensions (L x W x H) : 70 x 640 x 2080mm  
Net Weight : 172KG