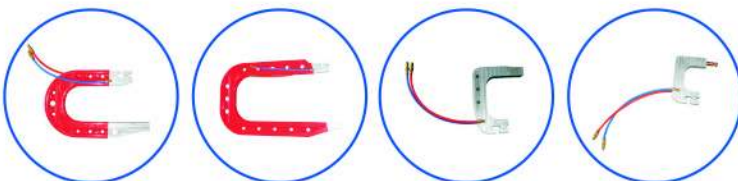


INVERTER SPOT WELDER

TEC - V6



FEATURES

- A variety of welding waveforms with single and multiple pulse modes for precise welding control.
- Microprocessor controlled three phase inverter (MFDC 2000Hz).
- High quality spot welds on various types of steels such as HSS, AHSS, UHTS, galvanized and stainless steels.
- Over 200 pre set programs according to the types and thickness of the materials used and choice of welding clamps.
- Maximum spot welding current upto 14000A
- Standard equipment include water cooled clamp, air cooled cables and built in water cooling system
- The main component have UL and CE approval: breaker, contactor, screen, IC, IGBT, rectifier relay, capacitor.
- Large 5 x 7 inch colour LCD control panel with graphical interface and conveniently placed button functions.
- Pneumatic pressure sensors- protects against over and under pressure situations
- Lightweight C-camp, X-Gun and manual gun for single sided and stud welding operations.
- Cleaner welding current, therefore less interruption to shop welding operations.
- Sense the voltage and auto-compensates for the power source.
- Double piston cylinder with upto 450 DaN clamping force
- Software in CPU is upgradeable through internet access.
- Ideal for bodyshop repairs and production works.
- Monitors and control the spot welding process
- Stored spot welding programs are customized.
- Bi-ligual display, change on - the - fly.

SPECIFICATIONS

MODEL	TEC - V6	TEC - V6+	TEC - V8	TEC - V8+
Spot Welding Gun	Single Sided Gun, C-Gun	Single Sided Gun, C-Gun, X -Gun	Single Sided Gun, C-Gun	Single Sided Gun, C-Gun, X -Gun
Display system	5x 7" LCD Display			
Protection and Testing functions	Air pressure, Voltage testing, Offset Voltage, Temperature sencer monitoring, Lack of phase, Over-current, Thermal protections		Air pressure, Voltage testing, Offset Voltage, Temperature sencer monitoring, Lack of phase, Over-current, Thermal protections, cooling fluid monitoring	
Cooling System	Cable Fan cooling	Water cooled C-gun	Water cooling C-gun/X-gun/Arm sets/Radiator/Transformer	Water cooling C-gun/X-gun/Arm sets/Radiator/Transformer/Diode
Welding Pulse	Single Pulse, Double welded, Pulse welding		Single Pulse, Double welded, Pulse welding, No Spark welding	
Input Voltage (50/60Hz)	380-415V/3ph			
No-load Voltage (V)	4-21V	4-21V	4-21V	4-21V
Max Welding Current (A)	12000	12000	13000	14000
Max Current (A)	13000	13000	14000	15000
Max Absorbed power KW)	73	73	75	85
Rated Power X=50% (KW)	25	25	26	30
Power Factor (cosphi)	0.8	0.8	0.8	0.8
Max Welding Thickness(mm)	4+4 or 2+2+2	4+4 or 2+2+2	4+4 or 2+2+2	5+5 or 3+3+3
Max electrodes power 8bar(daN)	X-Gun 345 ; C-Gun 350(600Lb)			X-Gun 400 C-Gun 450
Duty Cycle	5%	5%	10%	10%
Insulation class	H	H	H	H
Protection degree	IP22	IP22	IP22	IP22
Diamension(mm)	800*730*1260	800*730*1260	800*730*1260	800*730*1260
Net Weight (kg)	170	170	190	210