CPRA 1250i

Heavy Duty Inverter SAW & Gouging Equipment

SMAW GMAW 3 PHASE CC CV DC





Rugged and Reliable

CPRA 1250i is a heavy duty IGBT based inverter power source with multi-process capability designed for high productivity SAW & gouging applications. SAW Tractor CPRA is a tractor mounted SAW welding head for a wide range of applications.

- Heavy duty - rated at 1250A / 100% duty cycle, suitable for 24x7 usage.
- Wide mains voltage tolerance - 415V+/-15%.
- Multi-process - suitable for SAW, MMAW and ARC Air Gouging (AAG) upto 10mm electrodes.
- SAW Tractor CPRA - 4 roll drive for smooth wire feeding for 2.0 - 6.0mm diameter wires and provided with mechanical pointer for tracking.
- In-built protections against overheating, overcurrent and under voltage.

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Industry

- Heavy Fabrication
- Construction and Projects
- Repair and Maintenance



Specification	
Mains Supply, V/Ph, Hz	415 ±15% / 3, 50/60
Input Power, KVA (Max)	71.9
Open Circuit Voltage (OCV), V	84
Output Current at 100% Duty Cycle, A	1250
Output Current Range, A	60-1250
Dimensions, L x W x H, mm	840 x 380 x 900
Weight, Kg	115
Insulation Class	H
Air Arc Gouging Electrode dia (Max), mm	10
Tractor Mounted Welding Head	**Saw Tractor CPRA**
Wire (Single) Diameter Range, mm	2.0-6.0
Welding Speed (Trolley), m/min	0.1-2.2
Wire Feed Speed, m/min	0.2-2.5
Height of Cross Beam, mm (Adjustable)	100
Distance of Tractor Head, mm (Adjustable)	100 x 100 x 70 (Longitudinal, Transversal, Front and Rear)
Rotation angle of Cross-beam around vertical, deg	±90
Tractor Head Inclination,deg	±45
Torch Inclination, deg	±45
Flux Container Volume, Ltr	6
Wire Spool Capacity, Kg	25
Dimensions, L x W x H, mm	1020 x 480 x 740
Weight (Without Wire Spool), Kg	65

Ordering Information	
Description	**Part number**
CPRA 1250i+ SAW Tractor CPRA	4620649000
CPRA 1250i Power Source	4620649001
AirPro X4000 Gouging Torch, 7ft	61084009
HFR Welding Cable Cu 95 sq mm	4600600184
HFR Welding Cable Cu 120 sq mm	4600600185
Chipping Hammer	2002005005
Warrior Spectacles	0700012031
Welding Hand Gloves L	2001005001
Welding Jacket, LW	2001007010
Welding Apron (Large)	2001007001

Note: CPRA 1250i + SAW Tractor CPRA Package is delivered with 1.5m track, 1 set of control cable, 2 nos. 15m long Cu 95 sq mm welding cables, 2 nos. 5m long Cu 95 sq mm welding cables with earth clamp along with contact tips and feed rollers for the usage of 2.4 to 5.0mm diameter of wires.



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