

CPRA 1250i + SAW Tractor CPRA

Compact and Heavy Duty SAW Systems



CPRA 1250i

Rugged and Reliable

CPRA 1250i is a heavy duty IGBT based inverter SAW power source with multi-process capability designed for high productivity. 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 24 x 7 usage
- Wide mains voltage tolerance – 415V +/- 15%
- Multi-process – suitable for SAW, MMAW and Arc Air Gouging (AAG)
- 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

Visit www.esabindia.com for more information.



SAW Tractor CPRA

Application Areas

- Heavy Fabrication
- Construction and Projects
- Repair and Maintenance



Specifications / Technical Data

Power Source	CPRA 1250i
Welding process suitability	SAW, MMAW, AAG
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	60 – 1250
Dimensions, lwxh, mm	840 x 380 x 900
Weight, Kg	115
Insulation class	H
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, lwxh, mm	1020 x 480 x 740
Weight (without wire spool), Kg	65

Ordering Information

Description	Part number	Description	Part number
CPRA 1250i + SAW Tractor CPRA	4620649000	HFR Welding Cable Cu 95 sq mm	4600600184
Track 2m For SAW Tractor CPRA	4620649001	HFR Welding Cable Cu 120 sq mm	4600600185
		Welding Hand Gloves L	2001005001
		Welder's Jacket	2001007006
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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COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV
= ISO 9001 =
= ISO 14001 =
= OHSAS 18001 =