



CPRA 1200(S) SAW Tractor LY

Rugged and Reliable SAW Systems

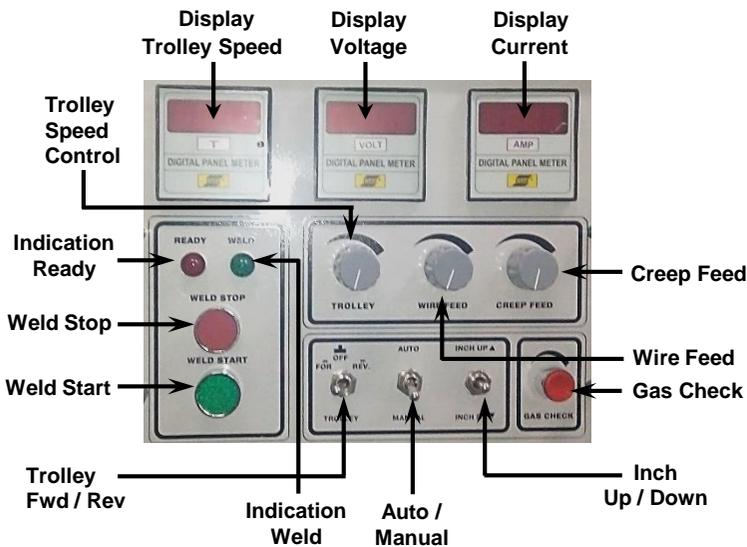


Rugged and Reliable

CPRA 1200(S) are heavy duty step controlled power sources for SAW. It is used with SAW Tractor LY – a tractor mounted SAW welding head for a wide range of applications.

- Heavy duty – CPRA 1200(S) designed for continuous usage at 1000A
- 4 (Coarse) x 4 (Fine) Step Voltage Control and OCV Check on Power Source
- Wide wire diameter range – SAW Tractor LY is suitable for usage of 2.0 – 5.0mm wires and provided with mechanical pointer for tracking
- Standard length of the rail is 2m, extensible in multiples of 2m to handle different applications
- Power source is protected against overloading

Visit www.esabindia.com for more information.



Application Areas

- Heavy Fabrication
- Construction and Projects
- Repair and Maintenance



Specifications / Technical Data

Power Source	CPRA 1200(S)
Mains supply, V/Ph, Hz	415 / 3, 50
Input power, KVA (max)	77
Open Circuit Voltage (OCV), V	30 – 60
Output current at 100% duty cycle, A	1000
Output current at 60% duty cycle, A	1200
Output current range	200 – 1200
Dimensions, lxwxh, mm	960 x 640 x 860
Weight, Kg	375
Insulation class	F
Tractor Mounted Welding Head	SAW Tractor LY
Wire (single) diameter range, mm	2.0 – 5.0
Welding (trolley) speed, m/min	0.2 – 2.2 (0.2 – 1.5 for higher wire diameter)
Wire feed speed, m/min	0.3 – 3.0
Height of cross beam, mm (adjustable)	70
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
Diameter (inner) of wire spool, mm	300
Wire spool capacity, Kg	25
Dimensions, lxwxh, mm	1080 x 480 x 740
Weight (without wire spool), Kg	55

Ordering Information

Description	Part number	Description	Part number
CPRA 1200(S)	1621649303	HFR Welding Cable Cu 70 sq mm	4600600183
SAW Tractor LY (CPRA-S)	4620112100	HFR Welding Cable Cu 95 sq mm	4600600184
Track 2m For SAW Tractor LY	4620649352	HFR Welding Cable Cu 120 sq mm	4600600185
		Welding Hand Gloves L	2001005001

Note : SAW Tractor LY (CPRA-S) is delivered with 2m track, 1 set of control cable, 2 nos. 15m long Cu 70 sq mm welding cables, 2 nos. 5m long Cu 70 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 =

CPRA 1250i

Heavy Duty Inverter SAW & Gouging Equipment



CPRA 1250i

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 24 x 7 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

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, 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	Description	Part number
CPRA 1250i + SAW Tractor CPRA	4620649000	HFR Welding Cable Cu 95 sq mm	4600600184
CPRA 1250i Power Source	4620649001	HFR Welding Cable Cu 120 sq mm	4600600185
AirPro X4000 Gouging Torch, 7ft	61084009	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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