

# CPRA 800(S)/1200(S) SAW Tractor LY



## Rugged and Reliable SAW Systems

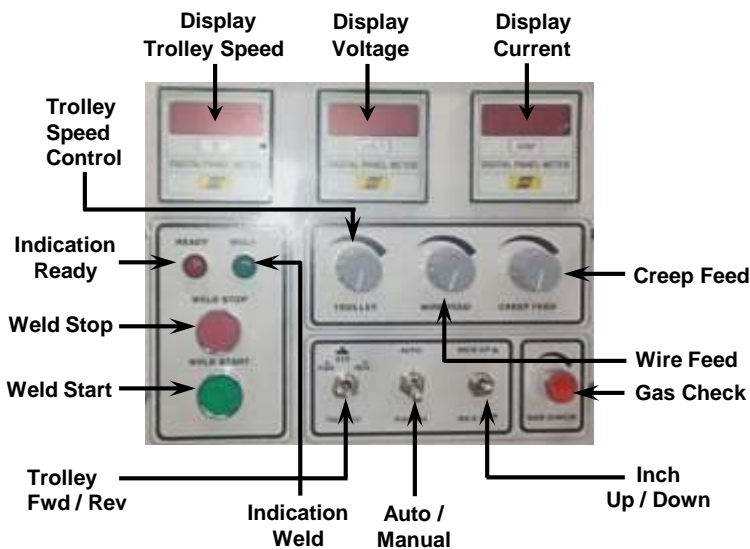


### Rugged and Reliable

CPRA 800(S)/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 800(S)/1200(S) designed for continuous usage at 800 / 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

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### Application Areas

- Heavy Fabrication
- Construction and Projects
- Repair and Maintenance



## Specifications / Technical Data

Power Source	CPRA 800(S)	CPRA 1200(S)
Mains supply, V/Ph, Hz	415 / 3, 50	415 / 3, 50
Input power, KVA (max)	47	77
Open Circuit Voltage (OCV), V	25 – 55	30 – 60
Output current at 100% duty cycle, A	800	1000
Output current at 60% duty cycle, A	--	1200
Output current range	200 – 800	200 – 1200
Dimensions, lxwxh, mm	960 x 640 x 860	960 x 640 x 860
Weight, Kg	325	375
Insulation class	F	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 800(S)	1620652100	HFR Welding Cable Cu 70 sq mm	4600600183
CPRA 1200(S)	1621649303	HFR Welding Cable Cu 95 sq mm	4600600184
SAW Tractor LY (CPRA-S)	4620112100	HFR Welding Cable Cu 120 sq mm	4600600185
Track 2m For SAW Tractor LY	4620649352	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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CERTIFIED BY DNV  
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