



# SUPRA

## INV SAW 1000

### NEW GENERATION SUPRA INV SAW 1000

SUPRA INV SAW 1000 is the Inverter Based Submerged Arc Welding Power Source suitable for Submerged Welding, Stick Welding, Carbon Arc Air Gouging.

#### SALIENT FEATURES

- Smooth & stable arc
- Small, Light Weight easy to handle.
- Immune to input voltage fluctuations
- Built-in Overheating, under /over voltage protection indicators.
- Simultaneous drive of front and rear wheels, smooth motion.
- Double drive wire feeding with straightening mechanism.
- Suitable for dia 2.0 to 6.0 mm welding wire
- Rotatable and height adjustable cross beam



#### TECHNICAL SPECIFICATIONS OF WELDING HEAD

Sr. no.	Parameter	Unit	Value
1.	Input to control unit (from power source)	V	110
2.	Wire feed speed	cm/min	20 - 450
3.	Welding speed	cm/min	15-117
4.	Suitable diameter of wire	Ø mm	2 - 6
5.	Wire spool capacity	kg	25
6.	Flux hopper capacity (approx)	Kg	10
7.	UP Down adjustable range (Tractor column)	mm	70
8.	Adjustable range of tractor head (Vertically, horizontally, forward & backward)	mm	96 x 30 x 70
9.	Horizontal rotation angle	deg	± 90
10.	Sloped angle (tractor head)	deg	± 30
11.	Dimension (approx) LWH	mm	1030 x 400 x 730
12.	Weight (approx)	kg	67

D & H Sécheron Industries Private Limited

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#### TECHNICAL SPECIFICATIONS OF POWER SOURCE

Sr. No.	Parameter	Unit	Value
<b>INPUT</b>			
1.	Input Power Supply	VAC	415
2.	Phase	Nos	3
3.	Frequency	Hz	50 / 60
4.	Rated Input current	A	73
5.	Input power @ 100% duty cycle	KVA	53
<b>OUTPUT</b>			
1.	No Load Voltage (OCV) max.	V DC	90
2.	Output welding current range	A	100-1000
3.	Output Voltage	V	44
4.	Welding current at 100% duty cycle	A	1000
5.	Insulation class		F
6.	Protection class		IP 21S
7.	Cooling	Type	Forced Air
<b>GENERAL</b>			
1.	Dimension LWH	mm	780 X 390 X 800
2.	Weight	Kg	125

In view of continuous development, D & H Sécheron Industries Private Limited reserves the right to modify / change the design and of the specification without any prior notice.

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One Stop Welding Solution