



## THREE WHEEL TRACTOR WELDING HEAD



The new welding head for flexible operations



### SALIENT FEATURES

- The Three wheel tractor is more versatile compared to the 4 wheel tractor; it shortens the welding spacing and has a wider welding range for wires from  $\Phi 2.0$  to  $\Phi 5.0$  mm.
- Besides linear welding, the three wheel tractor can turn left and right and weld around circular curve.
- Easy and flexible regulation, integrated up and down, rotation of the tractor head with the torch.
- Easy adjustable flux container.
- Double driven wire feeding with straightening mechanism, stable wire feeding, good centering, strong drawing force and low dissipation power.

### SPECIFICATIONS

Technical Specifications	Unit	VALUE
<b>Input</b>		
Rated Input Voltage Of Traveling Mechanism	Volts DC	42 V
Rated Input Current Of Traveling Mechanism	Amps DC	5.5 Amps
Rated Input Voltage Of Wire Feeding Mechanism	Volts DC	42 V
Rated Input Current Of Wire Feeding Mechanism	Amps DC	0.75 Amp
Welding Speed	Meters / Minute	0.2 - 1.5 / 0.2 - 2 M / Min
Wire Feeding Speed	Meters / Minute	0.6 - 6 M / Min
Rated Power Source	Capacity	1200 Amps @ 60% Duty Cycle
Wire Diameters	mm	2, 3, 4, 5,
Type Of Wires Applicable		Soft Steel, Solid Core
Adjustable Height Of Tractor Head	mm	70 MM
Adjustable Distance Of Tractor Head	mm	100 X 100 (longitudinal X Transversal)
Rotatable Angle Of Tractor Head Around Cross Beam	Degree	$\pm 90^\circ$
Tractor Head Inclination	Degree	$\pm 45^\circ$
Torch Inclination	Degree	$\pm 45^\circ$
Flux Container Volume	Litres	6 L
Inner Diameter Of Wire Spool	mm	$\varnothing 300$ mm
Wire Spool Capacity	Kg	25 KG
Dimension (L X W X H)	mm	1020 X 480 X 780
Weight	Kg	50 Kg (Does Not Include Wire)
Insulation	Class	F
Welding Output Terminals		Stud type / Camlock