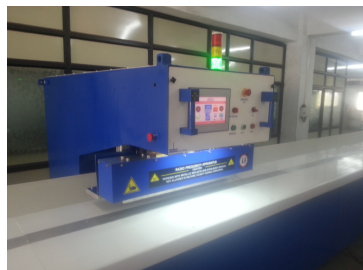




MOVABLE ON TRACK HIGH FREQUENCY WELDERS



WELDON HF offers an entire range of HF welders in categories

- Stationary
- Movable on Track
- Gantry

The entire range of welders are suitable for high frequency welding of technical fabrics offered by world renowned companies for manufacturing applications in number of areas that includes Roofs, Tensile roofs, Tents, Awnings, Canopies, Building Wraps, Domes, Silos, Bio-Gas Covers, Bulk Container, Tanks, Packaging of liquids, etc.,

The Welders are manufactured by technical experts from Germany, USA & India. The superb welding quality, largest welding areas, sturdy design, advanced electronic circuitry, advanced software, advanced patented high-Q stabilized oscillator are some of the key features in WELDON HF welders

The movable on track welder boasts of high accuracy of welder head movement in automatic operation to generate high quality welds. An exclusive feature of WELDON HF machines is the default weld data storage of operating cycle, software data analysis & automatic e-mail generation on hourly weld data, maintenance alarms and machine health.

Models Available	MV 08	MV 12	MV 15	MV 20	MV 25	MV 30
Power Output	8 KW	12 KW	15 KW	20 KW	25 KW	30 KW
Power Input	11 KVA	17 KVA	22 KVA	30 KVA	36 KVA	40 KVA
Input Voltage	400 VAC $\pm 1\%$, 50Hz, 3Ph + Neutral + Earth (Dedicated)					
Max. Input Current	25 A	33 A	40 A	50 A	60 A	65 A
Max Weld Length	900 mm	900 mm	1200 mm	1200 mm	1500 mm	1500 mm
Maximum Weld Area**	24,000 mm ²	36,000 mm ²	45,000 mm ²	60,000 mm ²	75,000 mm ²	90,000 mm ²
Table Construction	Modular Sections of length 2m. and 4m.					
	Trough Size: 450mm. (W) x 305mm. (H)					
Press						
	Type	Pneumatic				
	Daylight	85 mm				
	Protection	Available				
Air Pressure Control	Electronically controlled and a program parameter					
Weld Bar movement	Positioning by four way membrane switch on handles					
Air Pressure	9 kg/sq. cm.					
Maximum load on fabric	2000 Kg.					
Air Consumption	100 Litres per cycle					
Oscillator						
Electron Tube	Thales / Toshiba Equivalent					
Operating Frequency	27.12 MHz $\pm 0.6\%$					
Control System						
Control Component	Programmable Logic Controller					
Human Machine Interface	7" Color Touch Panel					
Number of Programs	800 programs accessible only to supervisor					
Program Parameters	Pre-heat, Heat Time, Cool Time, Power Level, Air Pressure, Travel Distance, Travel Speed					
Welder Head Travel	Inverter driven motor with top speed of 20m/min					
	Travel by four way membrane switch on handles					
	Accuracy of movement in automatic operation $\pm 1\%$					
Output Power Control	As program parameter adjustable in steps of 0.01%					
User Levels	Supervisor — 1, Operator — 6					
Other Features						
Flash Protection	Available					
Weld Bar Release	Available on touch panel					
Weld Bar Lighting	Available					
Weld Bar Cooling	Available with forced fluid and radiator					
Fabric Alignment	Laser Line					
Weld Data Storage	Each weld cycle data stored on USB data disk. Software available data analysis					
Connectivity	(Optional) Remote access through GSM router					
Language on HMI	English / German / Dutch / Italian / Spanish					
Maintenance Alarms	Available					
Automatic e-mail generation on hourly weld data, maintenance alarms and machine health						
** Welding on two layers of 1mm thick PVC Sheet						



The Modification in Design & Technical Details Reserved

WELDON HF

Unit Nos. 200 to 203, Building A2,
Babossa Industrial Park, Saravali Village
Dist. Thane—421302 (INDIA)
Phone: +91 9167650242 Email: info@weldonhf.com
Website: www.weldonhf.com

