



**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

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.

<b>Models Available</b>		ST 08L	ST 12L	ST 15L	ST 20L	ST 25L	ST 30L
<b>Power Output</b>		8 KW	12 KW	15 KW	20 KW	25 KW	30 KW
<b>Power Input</b>		11 KVA	17 KVA	22 KVA	30 KVA	36 KVA	40 KVA
<b>Input Voltage</b>		400 VAC $\pm$ 1%, 50Hz, 3Ph + Neutral + Earth (Dedicated)					
<b>Max. Input Current</b>		20 A	28 A	35 A	45 A	55 A	60 A
<b>Max Weld Length</b>		900 mm	900 mm	1200 mm	1200 mm	1500 mm	1500 mm
<b>Maximum Weld Area**</b>		24,000 mm <sup>2</sup>	36,000 mm <sup>2</sup>	45,000 mm <sup>2</sup>	60,000 mm <sup>2</sup>	75,000 mm <sup>2</sup>	90,000 mm <sup>2</sup>
<b>Construction</b>							
<b>Bed</b>	<b>Length</b>	1200 mm	1200 mm	1500 mm	1500 mm	1800 mm	1800 mm
	<b>Width</b>	500 mm					
<b>Throat</b>	<b>Width</b>	1200 mm					
	<b>Height</b>	525 mm					
<b>Press</b>							
	<b>Type</b>	Pneumatic					
	<b>Daylight</b>	85 mm					
	<b>Protection</b>	Available					
<b>Air Pressure Control</b>		Electronically controlled and a program parameter					
<b>Weld Bar movement</b>		Positioning by two way membrane switch on handles					
<b>Air Pressure</b>		9 kg/sq. cm.					
<b>Maximum load on fabric</b>		2000 Kg.					
<b>Air Consumption</b>		100 Litres per cycle					
<b>Oscillator</b>							
<b>Electron Tube</b>		Thales / Toshiba Equivalent					
<b>Operating Frequency</b>		27.12 MHz $\pm$ 0.6%					
<b>Control System</b>							
<b>Control Component</b>		Programmable Logic Controller					
<b>Human Machine Interface</b>		7" Color Touch Panel					
<b>Number of Programs</b>		800 programs accessible only to supervisor					
<b>Program Parameters</b>		Pre-heat, Heat, Cool, Power Level, Air Pressure					
<b>Output Power Control</b>		As program parameter adjustable in steps of 0.01%					
<b>User Levels</b>		Supervisor—1, Operator—6					
<b>Fabric Alignment</b>		Align to pair of Laser Dots					
<b>Flash Protection</b>		Available					
<b>Weld Bar Release</b>		Available on touch panel					
<b>Weld Bar Lighting</b>		Available					
<b>Weld Bar Cooling</b>		Available with forced fluid and radiator					
<b>Weld Data Storage</b>		Each weld cycle data stored on USB data disk. Software available data analysis					
<b>Connectivity</b>		(Optional) Remote access through GSM router					
<b>Language on HMI</b>		English / German / Dutch / Italian / Spanish					
<b>Maintenance Alarms</b>		Available					
<b>Automatic e-mail generation on hourly weld data, maintenance alarms and machine health</b>							
<b>** Welding on two layers of 1mm thick PVC Sheet</b>							



*The rights of modifications in design & technical details reserved*

**WELDON HF**

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