

Belsonic Single Head HF Welder

5 to 25 kW stationary welders



Applications

Used for welding liquid tanks, car tents, tarpaulins, air structures, awnings, all kind of inflatable products, pool liners, tents etc.

Characteristics

High Frequency tarpaulin welding machine that can be manufactured according to the customer needs.

Length, width and radius of the welding area can be adjusted by the welding die.

The machine can have 750mm of free space behind the electrode which makes the machine suitable for big-scale manufacturing that requires extensive material handling.

A laser scan can be installed inside the machine to get a precise welding position.

Welding time can be adjusted according to the fabrics to weld

Single line or two lines continuous welding where the welding length can be ordered as a special feature.

High sensitive anti-spark protection to avoid damaging the mould



Technical features

Model	BS 8 KW	BS 12 KW	BS 15 KW	BS 25 KW
Power	8000W	12000W	15000W	25000W
Power Supply	380V 50/60 Hz	380V 50/60 Hz	380V 50/60 Hz	380V 50/60 Hz
Input Power	15 KVA	20 KVA	25 KVA	35KVA
Rectifier	Silicone diode	380V 50/60 Hz	380V 50/60 Hz	380V 50/60 Hz
Frequency	27.12 Mhz	380V 50/60 Hz	380V 50/60 Hz	380V 50/60 Hz
Oscillation tube	Toshiba	380V 50/60 Hz	380V 50/60 Hz	380V 50/60 Hz
Max pressure	500 KG	800 KG	1000 KG	1500 KG
Gap electrodes	150 MM	380V 50/60 Hz	380V 50/60 Hz	380V 50/60 Hz
Moving distance horn	150MM	150MM	150MM	150MM
Size upper electrode	50x50x600 mm	50x50x800mm	60x60x1000mm	60x50x1500mm
Size lower electrode	400x800 mm	400x850 mm	400x1050 mm	400x1550 mm
Temperature range	30 – 200°C	30 – 200°C	30 – 200°C	30 – 200°C
Welding time	0 – 10°C	30 – 200°C	30 – 200°C	30 – 200°C