



① Machine Description

01: Parameter

PVC Tarpaulin Canvas Welding Making Machine for Canvas Tent Making High Frequency Welding					
Model	KLR-5KWF	8KWF	12KWF	15KWF	25KFW
H.F Power	5kw	8kw	12kw	15kw	25kw
Anti-Sparkle	N—5557 High sensitive anti-sparkle tube				
Power Supply	AC 220V / 380V / 440V 50/60hz				
Frequency	27.12MHz +/- 0,6 %			13.56MHz +/- 0,6 %	
Input Power	8.5KVA	15KVA	18KVA	25KVA	35KVA
Rectifier	Silicon Diode				
Oscillation	7T85RB	7T69RB	E3130	8T85RB	8T25RA
Pressure	350kw	500kg	800kg	1000kg	1500kg
Drive	Pneumatic operated				
Travel	150mm				
Max Gap	150mm				
Top Electrode	50*50*50	50*50*600	50*50*800	50*50*900	50*50*1000
Welding time	0.01~9.99s adjustable				
Net weight	700kgs	800kgs	900kgs	1100kgs	1400kgs

02: Application

PVC Tarpaulin Canvas Welding Making Machine for Canvas Tent Making High Frequency

Welding applied for welding industrial canvas, PVC tent, PVC tarpaulin, PVC stretch ceiling, raincoat, inflatable toys, waterbed, large-scale advertising banner, awning, canopy, truck cover, sun shading canvas, painting canvas, film curtain and relatives for automatic step welding and jointing laminate and bond up flat painting surface made of heat-melted material, such as outdoor, advertising poster, PVC cloth and PE fabric canvas, outdoor poster banner, plastic sheet surface

03: Tarpaulin/Canvas Welding Principle

PVC Tarpaulin Canvas Welding Making Machine for Canvas_Tent Making High Frequency Welding only works with thermoplastic membranes structure that has a high dielectric constant, in this process, an electric field is generated near the overlap or hem, the direction of which is alternated approximately twenty-seven million times a second, every time the electric field changes, the dipole molecules of the polymer attempt to flip around the realign themselves to the new field orientation, because this movement is impaired by inertial and friction, the molecules do not flip in union, this constant relative movement of the molecules results in intermolecular friction which results in heat and, subsequently melting, high frequency tarpaulin/canvas welding typically has weld cycle times from two to five seconds and can handle parts from approximately one-thousandths inches thick to fifty-thousandths inches thick, pneumatic driven pressure applied to solidify the jointing, solenoid valve transmit the symbol of stroke distance under melting stop in precision control, the tarpaulin/canvas welding can perfect control the bounding strength

04: Characters

Tarpaulin/Canvas Welding length and width is adjustable by electrode bar changeover
Oscillation tube cavity of European-Model Square shaped is more reliable and stable
Continue Tarpaulin/Canvas Welding of Single Line or Two Lines, its length can be made as special request

Deep throat Stand of Steel Structure is robust for big size Tarpaulin/Canvas welding
Customized Dimension of Tarpaulin/Canvas Working bench, electrode bar and holder
Built-in Laser Guide Projectors at two sides for quick overlap position guidance
Adopting AME5557 high sensitive anti-sparkle device to protect the electronic bar
PLC touch screen control, stretched table or other functions can be customized
Zipper guidance is optional in building in

MFR: KEEPLEADER™ have modified and designed PVC Tarpaulin Canvas Welding Making Machine for Canvas Tent Making High Frequency Welding for our customers' unique and special requirements, please contact KEEPLEADER™ for updated details

② Contact Us

We welcome the opportunity to explain every last details and all of the options available in fact, and. won't waste your time and ours, our goal is to educate our potential customers and let them make an informed decision, please contact KEEPLEADER for more information of PVC Tarpaulin Canvas Welding Making Machine

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