

ForsstromTD

The 5-20 kW TD model is a portable HF-generator with an integrated press, computer and frequency-inverted motor. The model 5-8 kW can also be constructed without motor, i.e. transported by hand. The machine can be equipped with either a box for storage of the PVC material or with a plain table without a box. The machine is used in the production of tents, structures, truck-covers, tarpaulins, advertising billboards, oil-booms etc.

TECHNICAL SPECIFICATIONS	5 kW	8 kW	10 kW	12 kW	16 kW	20 kW
• Power requirement – free running	0,35 kW	0,35 kW	0,35 kW	0,65 kW	0,75 kW	0,75 kW
• Power requirement – maximum	9,5 kW	15 kW	19 kW	22 kW	30,5 kW	38 kW
• Emitted power HF maximum on electrode	5 kW	8 kW	10 kW	12 kW	16 kW	20 kW
• Main fuse	20 amp	25 amp	32 amp	32 amp	50 amp	50 amp
• Standard voltage	3 x 400 V 50 Hz					
• Working frequency	27,12 MHz ± 0,6 %					
• Transmitting tube - manufacturer	ITL 5-1 Thomson	ITL 12-1 Thomson				
• Transmitting tube - cooling	Air-cooled					
• Flash protection	Thyristor					
• Rectifier	Siliziumdiode type Avalance					
• Adjustable pressure	200-500 kg	200-750 kg	200-900 kg	200-1100kg	400-1500kg	400-2000 kg
• Air pressure	Minimum 7 bar					
• Maximum air consumption – automatic	125 l/min	140 l/min	160 l/min	170 l/min	180 l/min	195 l/min
• Length of electrode holder (mm).	800-1200	800-1400	800-1400	800-1700	800-1700	800-1830
• Pneumatic press with automatic press protection system (PSK)	PSK					
• Stroke length with electrode	80 mm					
• Motor drive	Frequency inverted					
• Transport with motor without welding	10m/20 sec					
• Weight of the machine with motor	830 kg	870 kg	880 kg	910 kg	935 kg	970 kg
• Weight of machine without motor	810 kg	850 kg				
• Welding surface each working cycle	200 cm ²	280 cm ²	350 cm ²	420 cm ²	650 cm ²	800 cm ²
• The machine cuts out when there is a disruption of the electric current and/or the compressed air, and the press returns to the starting position	Valid for all machines					
• Computer	Forsstrom developed PC, with possibility to pre- program 1000 welding procedures					
• Dimensions of welding table and box	Length optional, height 900 mm, width 1000 mm. Box for material 200 x 100 mm					
• 2-component varnish for high quality finish	Gold / Grey metallic					

Optional accessories:

- Computer for production control
- Oil-tempered electrode holder
- Vacuum in the table for holding the material
- Laser line
- Band holder with cutting-unit
- Impulse welder for thermal welding of polyethylene film
- Eyelet press (CARMO)

