

TDW 200-1000

All versions of the TDW 200-1000 model are portable HF-generators with integrated press, computer and frequency inverted motor drive. The welding-table is equipped with a large box for storage of the PVC material. The machine is used in the production of tents, structures, truck-covers, tarpaulins, advertising billboards, oil-booms etc.

TECHNICAL SPECIFICATIONS	200	300	400	500	650	800	1000
• Power requirement – free running	0,35 kW	0,35 kW	0,35 kW	0,65 kW	0,75 kW	0,75 kW	0,75 kW
• Power requirement - maximum	9,5 kW	15 kW	19 kW	22 kW	30,5 kW	38 kW	42 kW
• Emitted power HF maximum on electrode	5 kW	8 kW	10 kW	12 kW	16 kW	20 kW	25 kW
• Main fuse	20 A	25 A	32 A	32 A	50 A	50 A	63 A
• Standard voltage	3 x 400 V 50 Hz						
• Working frequency	27,12 MHz \pm 0,6 %						
• Transmitting tube - manufacturer	Forsstrom Type 1			Forsstrom Type 2			
• 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	400-2000kg	400-2300 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	195 l/min
• Length of electrode holder	1000-1600 mm						
• 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 s						
• Weight of the machine	880 kg	890 kg	900 kg	930 kg	955 kg	980 kg	1000 kg
• Welding surface each working cycle	200 cm ²	300 cm ²	400 cm ²	500 cm ²	650 cm ²	800 cm ²	1000 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 1250 mm, with box for material 450 x 280 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)
- Rolls at table, front/rear edge
- Rolls at table ends

