



UNIDRIVE 500 Semi-Automatic Welder

The compact UNIDRIVE 500 semi-automatic welder is the innovative successor to the TRIAC DRIVE. Guided by two handles, welding pressure is evenly applied to ensure quality welding results. Changing direction couldn't be simpler! A simple nozzle rotation and the press of two buttons changes the direction of the drive motor. The UNIDRIVE 500 welds every overlap, even if space is tight, three times faster than manual welding. Overlap welding with the UNIDRIVE 500 – safe and economical – everywhere.

- Closed-loop temperature control ensures consistent temperature and reliable weld quality even with voltage fluctuations
- Three times faster than manual welding
- Reversible drive allows for welding in either direction
- Ergonomic handles apply even pressure
- Intuitive user interface with large display
- Maintenance-free, brushless motor
- Compact and lightweight: 4.5 kg (10 lbs), 30 cm (12 in.) tall

Technical Data

Voltage	V	120	230
Power consumption	W	1800	2200
Temperature	°C	100 - 580	100 - 580
Speed	m/min.	0.7 - 4.5	0.7 - 4.5
Welding nozzle width	mm	40	40
Size (L x W x H)	mm	294 x 173 x 275	294 x 173 x 275
Weight	kg	4.5	4.5
Approval markings		CE, QPS	CE, QPS
Electrical protection		Class I	Class I

Article No.:

163.147: UNIDRIVE 500 120V / 1800W, silicone rollers
 163.144: UNIDRIVE 500 230V / 2200W, silicone rollers

Included in delivery: UNIDRIVE 500, storage case



UNIDRIVE 500 Accessories

					
170.120: Inseam scraping nozzle 40 mm	164.403: Overlap welding nozzle 40 mm	164.576: Overlap welding nozzle 30 mm	164.586: Overlap welding nozzle 15 mm	163.357: Pressure roller steel 40 mm	163.930: Pressure roller steel 15 mm
					
159.911: Wheel for silicone roller 40 mm	161.156: Silicone roller 40 mm	140.160: 40 mm, silicone	140.161: 28 mm, silicone	106.976: 28 mm, PTFE	106.974: 80 mm, silicone
					
106.972: 6 mm, brass, penny roller	138.314: Seam probe tester for overlap seams	151.188: Chamfer edge planer for T-joints	137.855: Leister knife	151.382: Inside corner tool, Kehlfix for plastic liners	151.847 Brass brush Ø15 mm