



WELDPLAST S4 Extrusion Welder

The WELDPLAST S4 is compact and ergonomically designed for plastic fabrication or geomembrane welding applications. The multi-functional display includes maintenance notifications, time meters, and pre-set temperature/air flow programs for ease of use. The powerful drive system produces an output of up to 4 kg/hour, depending on material/conditions.

- Suitable for PP, HDPE, and LDPE
- Screw type extrusion welder with barrel heater
- Integrated brushless hot air blower
- Compact housing design reduces noise
- Quick, effective cooling of drive and electronics
- Multi-function digital display with menu driven operation
- Integrated microprocessor to monitor tool and regulate welding process
- 360° adjustable grip
- Twist-free welding rod intake on left and right side of tool

Technical Data

Voltage	V	230
Power consumption	W	3700
Output	kg/h	1.5 - 4.0
Welding rod	mm	Ø 3 - 4 or Ø 4 - 5
Size (L x W x H)	mm	560 x 110 x 300
Weight	kg	8.7
Approval markings		CE, QPS
Electrical protection		Class I






























Article No.:

- 116.948: WELDPLAST S4 230 V / 3700 W, Ø 3-4 mm rod intake, blank welding shoe
 146.812: WELDPLAST S4 230 V / 3700 W GEO version, Ø 4-5 mm rod intake, hot air tube on top, 40 mm overlap welding shoe (145.899)
 146.813: WELDPLAST S4 230 V / 3700 W PLASTICS version, Ø 4-5 mm rod intake, hot air tube on side, K15 fillet welding shoe (146.231)

Included in delivery of all versions: WELDPLAST S4, 3 pre-heating nozzles, storage case



WELDPLAST S4 Accessories

					
146.239: Blank 54 x 40 x 52 mm	146.240: Blank 74 x 50 x 58 mm	146.241: Overlap 25 mm	146.242: Overlap 35 mm	145.899: Overlap 40 mm	146.243: V-seam 12 mm
					
146.244: V-seam 15 mm	146.245: V-seam 20 mm	146.246: V-seam 25 mm	146.247: V-seam 30 mm	146.525: Fillet seam 12 mm, 8.5 mm seam thickness	146.231: Fillet seam 15 mm, 10 mm seam thickness
					
146.232: Fillet seam 20 mm, 14 mm seam thickness	146.233: Fillet seam 25 mm, 17.5 mm seam thickness	146.234: Fillet seam 30 mm, 21 mm seam thickness	146.642: Corner outside seam 8 mm	146.644: Corner outside seam 10 mm	146.646: Corner outside seam 12 mm
					
146.652: Corner outside seam 15 mm	146.230: Corner seam Ø14 mm	146.218: Corner seam Ø20 mm	136.231: Pre-heating reflector	160.454: Tool rest	117.065: Top hot-air guide
					
117.064: Side hot-air guide	144.904: Angled adapter 45° *	145.704: Angled adapter 90° *	117.053: Pre-heating nozzle 20 mm	117.518: Pre-heating nozzle 25 mm	141.177: Pre-heating nozzle 40 mm

*CAUTION: You must use welding shoes with an integrated air guide when using an angled adapter

WELDPLAST S4 Accessories



149.723: Insulation sleeve



123.173: Tool case



106.976: 28 mm, PTFE



152.676: Leister weld seam template



153.009: Plastfix



154.026: Contour scraper



154.259: Scraper blade



144.095: Welding rod de-reeler