



FUSION 3 Extrusion Welder

Leister's FUSION extrusion welders are simple and easy to use. Air temperature and plast output rate are independently adjustable via potentiometers and the motor features start-up protection to prevent cold starts. The integrated hot air blower eliminates the need for an external blower or air source. Output of up to 3.5 kg/hour, depending on model and material. The FUSION 3's long and narrow shape makes it ideal for welding on the ground from a standing position.

- Suitable for PP, HDPE, and LDPE
- Ergonomic and easy to use
- Extensively field tested
- Continuous, independent adjustment of the air temperature and plast output rate possible
- Motor start-up protection prevents damage from cold starts
- 360° adjustable welding shoe
- Grip can be mounted in two positions (L or R)
- Twist-free welding rod intake on left and right side of tool

Technical Data

Voltage	V	230
Power consumption	W	3500
Output	kg/h	1.8 - 3.6
Welding rod	mm	Ø 3 - 4 or Ø 4 - 5
Size (L x W x H)	mm	670 x 90 x 180
Weight	kg	7.2
Approval markings		CE, QPS
Electrical protection		Class II




































Article No.:

118.300: FUSION 3 230V / 3.5kW, for Ø 3-4 mm welding rod, no plug
 144.615: FUSION 3 230V / 3.5kW, for Ø 4-5 mm welding rod, no plug

Included in delivery: FUSION 3, overlap welding shoe (145.947), storage case



FUSION 3 Accessories

					
145.945: Blank 45 x 30 x 54 mm	145.946: Blank 74 x 50 x 58 mm	145.896: Overlap 25 mm	145.947: Overlap 30 mm	145.897: Overlap 35 mm	145.912 V-seam 5/6 mm
					
145.915: V-seam 8/10 mm	145.907: V-seam 12 mm	145.903: V-seam 15 mm	145.909: V-seam 20 mm	145.916: V-seam 25 mm	145.943: Fillet weld 5/6 mm, 4.2 mm seam thickness
					
145.944: Fillet weld 8/10 mm, 7 mm seam thickness	145.815: Fillet weld 12 mm, 8.5 mm seam thickness	145.812: Fillet weld 15 mm, 10 mm seam thickness	145.940: Fillet weld 20 mm, 14 mm seam thickness	145.816: Fillet weld 25 mm, 17.5 mm seam thickness	146.643: Corner outside seam 8 mm
					
146.645: Corner outside seam 10 mm	146.649: Corner outside seam 12 mm	146.651: Corner outside seam 15 mm	145.811: Corner seam Ø14 mm	145.488: Corner seam Ø20 mm	136.231: Preheating reflector
					
160.454: Tool stand	148.817: Angle adapter 45°	148.816: Angle adapter 90°	149.421: Insulation sleeve	123.173: Plastic 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	