



FUSION 1 Extrusion Welder

Leister's FUSION extrusion welders are simple and easy to use. The FUSION 1 is extraordinarily compact, weighing just 3.4 kg (7.5 lbs) the removable handle makes it possible to weld one-handed. Closed-loop air temperature control makes it the perfect choice for welding in the field. Air temperature and plast output rate are adjustable via potentiometers and shown on a digital display. The integrated hot air blower eliminates the need for an external air source. Output of up to 0.8 kg/hour, depending on model and material.

- Suitable for PP, HDPE, and LDPE
- Automatically regulated air temperature
- Slim design for increased maneuverability in small spaces
- LED light to illuminate the welding area
- Removable handle can be mounted for one-handed welding
- Mounting point for tool balancer
- Motor start-up protection prevents damage from cold starts
- 360° adjustable welding shoe
- Twist-free welding rod intake on left and right side of tool

Technical Data

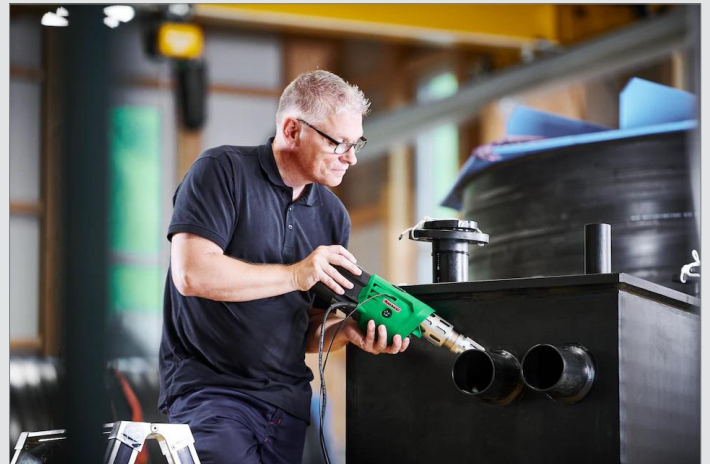
Voltage	V	120	230
Power consumption	W	1450	1200
Material		PE/PP	PE/PP
Welding rod	mm	Ø 3 - 4	Ø 3 - 4
Output Ø 3 HD-PE	kg/h	0.2 - 0.5	0.2 - 0.5
Output Ø 4 HD-PE	kg/h	0.3 - 0.8	0.3 - 0.8
Size (L x W x H)	mm	435 x 92 x 133 (w/o handle)	435 x 92 x 236 (w/ handle)
Weight	kg	3.4	3.4
Approval markings		CE, QPS	CE, QPS
Electrical protection		Class II	Class II

Article No.:



























162.799: FUSION 1 120 V / 1450 W, with plug

162.800: FUSION 1 230 V / 1200 W, without plug

Included in delivery: FUSION 1, 163.793 corner welding shoe, handle, case



FUSION 1 Accessories

					
163.786: Blank welding shoe	163.778: Fillet 5/6 mm welding shoe	145.943: Fillet 5/6 mm welding shoe	163.780: Fillet 8/10 mm welding shoe	145.944: Fillet 8/10 mm welding shoe	163.779: Fillet 12 mm welding shoe
					
145.815: Fillet 12 mm welding shoe	163.782: Angled fillet 10 mm, 70° welding shoe	163.784: Angled fillet 10 mm, 30° welding shoe	145.912: V-seam 5/6 mm welding shoe	145.915: V-seam 8/10 mm welding shoe	145.907: V-seam 12 mm welding shoe
					
163.785: Angled V-seam 10 mm, 30° welding shoe	145.896: Overlap 25 mm welding shoe	146.643: Outside corner 8 mm welding shoe	146.645: Outside corner 10 mm welding shoe	163.793: Corner welding shoe	160.977: Filter clip
					
162.665: Insulation sleeve	162.060: 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				