



Plastic Welding > Hand extruders > FUSION 3

FUSION 3

Easiest possible operation thanks to optimal ergonomics and very slim design. With its ideal length of 690 mm, FUSION 3 is ideally suited for use in landfill sites.

- Slim and long design (ideal for landfill site use) with a maximum output rate of 3.5 kg/h
- Robust design (suitable for construction site use)
- Stepless adjustment of preheating temperature and output quantity
- Output regulation during welding possible
- Motor starting protection protects the device against cold-starts
- 360° rotatable welding shoe, handle can be mounted in two positions (L or R)
- Twist-free rod feed



SPECIFICATIONS

Fusion 3 230 V

Voltage	V~	230
Power consumption	W	3500
Frequency	Hz	50 / 60
Air flow (20°C)	l/min	ca. 300
Air temperature	°C	max. 350
Plasticizer temperature	°C	max. 320
Output Ø 3	kg/h	PE 1.6–2.3 PP 1.3–2.0
Output Ø	kg/h	PE 2.0–3.5 PP 1.5–2.7
Welding rod	mm	Ø 3 / Ø 4 ± 0.2 (in accordance with DVS 2211)
Size (L x W x H)	mm	690 x 98 x 187 (without welding shoe)
Weight	kg	7.2 (with 3 m cord)

Marking of conformity



Approval mark



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Certification scheme

CCA

Protection class II





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ACCESSORIES



Welding shoes blank complete 70x50x47.5mm for FUSION 3

119.214 - Welding shoe complete, blank 70 x 50 x 47.5 mm



Welding shoe complete, V-seam for FUSION 3

- 118.888 - Welding shoe complete, V-seam 5/6 and X-seam 10/12 mm
- 118.889 - Welding shoe complete, V-seam 8/10 and X-seam 15/20 mm
- 119.202 - Welding shoe complete, V-seam 12 and X-seam 25 mm
- 119.203 - Welding shoe complete, V-seam 15 and X-seam 30 mm
- 119.204 - Welding shoe complete, V-seam 20 and X-seam 35/40 mm
- 119.205 - Welding shoe complete, V-seam 25 mm
- 119.206 - Welding shoe complete, V-seam 30 mm



Welding shoe complete, Fillet weld for FUSION 3

- 118.887 - Welding shoe complete, fillet weld 5/6 mm (a = 4.2 mm)
- 118.885 - Welding shoe complete, fillet weld 8/10 mm (a = 7 mm)
- 119.139 - Welding shoe complete, fillet weld 15 mm (a = 10.5)
- 119.140 - Welding shoe complete, fillet weld 20 mm (a = 14 mm)
- 119.141 - Welding shoe complete, fillet weld 25 mm (a = 17.5 mm)
- 119.142 - Welding shoe complete, fillet weld 30 mm (a = 21 mm)



Welding shoe overlap 25 mm for FUSION 3

- 118.890 - Welding shoe complete, overlap 25 mm
- 119.185 - Welding shoe complete, overlap 35 mm



Handle for landfill FUSION 3

118.568 - Handle for landfill



Welding rod de-reeler, Hand extruder

118.188 - Welding rod de-reeler



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Welding shoes blank complete 50x30x38mm for FUSION 3

118.094 - Welding shoe blank complete 50 x 30 x 38 mm



Tool rest for WELDPLAST and FUSION

118.804 - Tool rest



Welding shoe complete, corner, short ø 20 mm

129.008 - Welding shoe complete, corner, short ø 20 mm



Welding shoe complete, corner, long ø 14 mm

129.010 - Welding shoe complete, corner, long ø 14 mm