

FUSION 3: Long and slim.

With its long and narrow shape, the FUSION 3 enables comfortable work, even on the floor.

FUSION 3C: Short and handy.

The somewhat shorter FUSION 3C provides an astounding output volume of up to 3.6 kilograms per hour.

Air heated extrusion welder

FUSION 3



Air heated extrusion welder

FUSION 3C



- High-quality welding performance
- Compact and handy
- Motor start-up protection prevents cold start
- Simple operation
- Dual-sided twist-free wire intake
- 360° rotating welding shoe

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Technical Data

		Version Ø 3 – 4		Version Ø 4 – 5	
Welding rod Ø	mm	3	4	4	5
Output PE	kg/h	2.0 - 2.5	2.7 – 3.6	2.1 – 2.6	2.7 – 3.6
Output PP	kg/h	1.8 – 2.3	2.5 – 3.4	1.8 – 2.4	2.5 – 3.4
Voltage	V~	230			
Power	W	3500			
Material		PE / PP			
Size (L x W x H)	mm	670 x 90 x 180			
Weight	kg	7.2			
Conformity mark		CE			
Approval mark		S			
Protection class II		□			

Article No.:

118.300 FUSION 3, 230 V / 3500 W, welding rod Ø 3 – 4 mm, Euro plug
 144.615 FUSION 3, 230 V / 3500 W, welding rod Ø 4 – 5 mm, Euro plug
 Included with purchase: FUSION 3, blank welding shoe, storage case

Technical Data

		Version Ø 3 – 4		Version Ø 4 – 5	
Welding rod Ø	mm	3	4	4	5
Output PE	kg/h	2.0 - 2.5	2.7 – 3.6	2.1 – 2.6	2.7 – 3.6
Output PP	kg/h	1.8 – 2.3	2.5 – 3.4	1.8 – 2.4	2.5 – 3.4
Voltage	V~	230			
Power	W	2800			
Material		PE / PP			
Size (L x W x H)	mm	588 x 98 x 225			
Weight	kg	6.9			
Conformity mark		CE			
Approval mark		S			
Protection class II		□			

Article No.:

123.866 FUSION 3C, 230 V / 2800 W, welding rod Ø 3 – 4 mm, Euro plug
 144.826 FUSION 3C, 230 V / 2800 W, welding rod Ø 4 – 5 mm, Euro plug
 Included with purchase: FUSION 3C, blank welding shoe, storage case




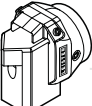

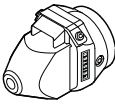

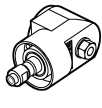
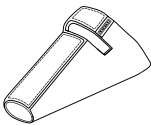


Perfectly stored in the case.



FUSION 3C during the welding of a V-seam.

Accessories FUSION 3 / 3C

	145.945 45 × 30 × 54 mm blank welding shoe
	145.946 74 × 50 × 58 mm blank welding shoe
	145.896 25 mm overlap
	145.947 30 mm overlap
	145.897 35 mm overlap
	145.912 5 / 6 V-seam
	145.915 8 / 10 mm V-seam
	145.907 12 mm V-seam
	145.903 15 mm V-seam
	145.909 20 mm V-seam
	145.916 25 mm V-seam
	145.943 5 / 6 mm fillet weld (a = 4.2 mm*)
	145.944 8 / 10 mm fillet weld (a = 7 mm*)
	145.812 15 mm fillet weld (a = 10 mm*)
	145.940 20 mm fillet weld (a = 14 mm*)
	145.816 25 mm fillet weld (a = 17.5 mm*)
	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 Ø 14 mm
	145.488 Corner seam Ø 20 mm
	148.817 45° angled adapter
	148.816 90° angled adapter
	149.421 Insulation sleeve FUSION 3
	149.420 Insulation sleeve FUSION 3C

* a = Welding seam thickness

The insulation sleeve protects the machine from heat loss, as well as protects the operator from direct contact with the extruder.

