



Small but powerful: The easy to handle and low-noise WELDMAX.



Always at hand in a sturdy, storage case.






Extrusion welder

WELDMAX

The smallest tool still packs a punch: With separately regulated heating systems for preheated air and filler, the light and compact WELDMAX extrusion welder fulfills even the most stringent requirements of the DVS (German Welding Association).

- Extremely compact, handy and low-noise thanks to its non-screw transportation and plastification
- The lightest Leister extrusion welder
- Ideal for confined spaces
- Separate, stepless temperature control for plastification unit and preheated air

Accessories WELDMAX

	112.830	Welding shoe complete Blank welding shoe
	112.629	V-seam, 0.2 inch
	112.621	V-seam, 0.24 inch
	112.623	V-seam, 0.32 inch
	112.624	V-seam, 0.4 inch
	112.630	Fillet weld, 0.2 inch (a = 0.14 inch)
	112.625	Fillet weld, 0.24 inch (a = 0.17 inch)
	112.627	Fillet weld, 0.3 inch (a = 0.2 inch)
		Fillet weld, 0.4 inch (a = 0.3 inch)
	112.628	Overlap, 0.8 inch
	112.626	Overlap, 0.8 inch
	112.638	Heating element, 230 V / 1400 W
	112.963	Heating element, 120 V / 1150 W

Technical Data

Voltage	V~	230 / 120
Power	W	2200 / 1800
Material		PE / PP / PVDF / PA (other materials on demand)
Welding rod	Ø inch	0.16 ± 0.01
Output (HDPE Ø 0.16 inch)	lbs/h	0.7 – 1.8
Size (L × W × H)	inch	17.4 × 3.7 × 10, handle Ø 2.24
Weight	lbs	8.4 (without cord)
Conformity marking		CE
Approval mark		§
Certification scheme		CCA
Protection class II		□

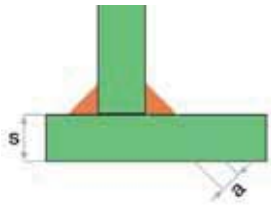
Article No.:

- 112.920 Compact extrusion welder WELDMAX, 230 V / 2200 W, without plug
 113.338 Compact extrusion welder WELDMAX, 120 V / 1800 W, without plug

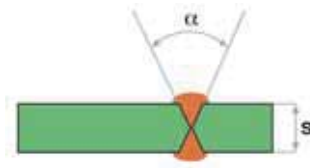
More versions on request

Possibilities of welding seams

a = seam size s = material thickness α = milling angle

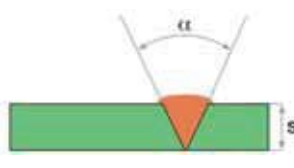


Fillet welding seam



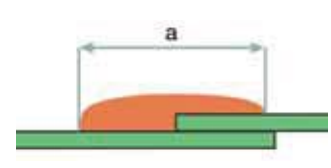
X-seam

s = 0.4 – 1.6 inch = α 60°
s = 2.0 – 2.4 inch = α 50°



V-seam

s = 0.2 – 0.8 inch = α 60°
s = 1.0 – 1.2 inch = α 50°



Overlap seam

Product comparison

Digitally regulated extrusion welders

Air heated extrusion welders

Compact extrusion welder



Device type	WELDPLAST S6	WELDPLAST S4	WELDPLAST S2	FUSION 3	FUSION 3C	FUSION 2	WELDMAX
Output (HDPE) lbs/h	8.6 – 13.2	3.3 – 8.8	1.3 – 5.0	3.5 – 7.7	3.5 – 7.7	2.9 – 4.0	0.7 – 1.8
Material	HD-PE, PP	HD-PE, PP	HD-PE, PP, PVC	HD-PE, PP	HD-PE, PP	HD-PE, PP	HD-PE, PP, PVDF
Wall thickness inch	0.6 – 1.6	0.3 – 1.4	0.16 – 0.8	0.3 – 1.0	0.3 – 1.0	0.24 – 0.6	0.16 – 0.4
Welding rod inch	0.16 / 0.2	0.12 / 0.16	0.12 / 0.16	0.12 / 0.16	0.12 / 0.16	0.16	0.16
Weight lbs	30.9	19	12.8	15.9	15	13	8.4
Length inch	32.3	22	17.7	27	23	17.7	17
Voltage V~	230	230	230	230	230	230	120 / 230
Screw extruder	yes	yes	yes	yes	yes	yes	no
Container construction	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓
Pipeline construction	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓
Landfill / civil engineering	✓✓	✓✓	✓	✓✓	✓	○	○
Brushless blower	yes	yes	yes	no	no	no	no
Remarks	1	1	1	2	2	2	1

Remarks

- 1: Air and plast temperatures are shown via a display and can be separately freely adjusted.
- 2: The air temperature is adjusted by means of a potentiometer (rotating button). The heating of the plastic mass is performed by the pre-heating air.

✓✓ = very suitable, ✓ = suitable, ○ = unsuitable

Output extrusion welders in overview

lbs/h

