



The WELDPLAST S6 is guided easily with the practical control wheel grip.



Practical: Control wheel grip with cable suspension.

Extrusion welder

WELDPLAST S6

When output volume counts, the 13.2 lbs/h WELDPLAST S6 is the ideal partner. Its innovative control wheel grip enables working in all welding positions. At the same time, the wheel grip serves as a device rest and as a fastening for a cable suspension.

- Verified 13.2 lbs output per hour
- Highest possible preheating capacity
- Flexible adjustable handle
- Maintenance-free blower
- Multifunctional display

Technical Data









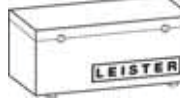
Voltage	V~	230
Power	W	4600
Material		PE / PP
Welding rod	inch	Ø 0.16 or Ø 0.2
Output	lbs/h	8.6 – 13.2
Size (L × W × H)	inch	32.8 × 4.6 × 9.6
Weight	lbs	30.8 (without cord)
Conformity marking		CE
Protection class I		⊕
Approval mark		§

Article No.:

134.318 Extrusion welder WELDPLAST S6, 230 V / 4600 W, CEE 32A plug

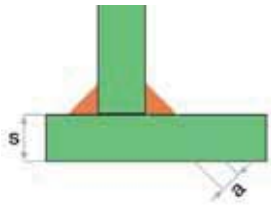
Included in delivery: WELDPLAST S6, overlap welding shoe, storage case

Accessories WELDPLAST S6

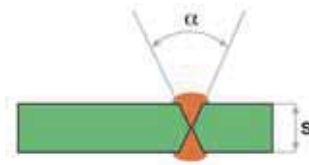
	119.217	Welding shoes complete
	119.222	Blank welding shoe 2.0 × 1.6 × 1.5 inch
	119.190	Overlap 1.4 inch
	135.901	Overlap 1.6 inch
	119.197	V-seam 0.8 and X-seam 1.4 / 1.6 inch
	119.198	V-seam 1.0 inch
	119.199	V-seam 1.2 inch
	119.164	Fillet weld 0.8 inch (a = 0.55 inch)
	119.165	Fillet weld 1.0 inch (a = 0.7 inch)
	119.166	Fillet weld 1.2 inch (a = 0.83 inch)
	117.055	Preheating nozzle large, 1.4 inch
	136.859	Preheating nozzle large XL, 2 inch
	117.790	Side hot air guide
	134.567	Heating element, 230 V / 2600 W
	116.367	Storage case

Possibilities of welding seams

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

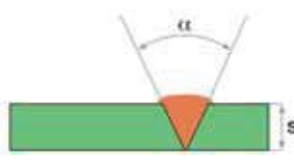


Fillet welding seam



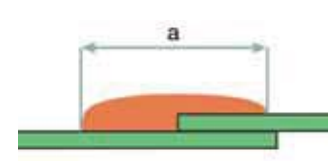
X-seam

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

