



**Hand extruders
from Leister.**

**For everyone
the right one.**



Leister hand extruders for all areas.

Extrusion welding is carried out in wide variety of areas and is becoming evermore demanding. Leister offers the right tool for all plastics applications in process equipment manufacture and civil engineering. The specialist obtains everything with us from a single source: Devices from 0.3 to 6.0 kilo per hour. Convince yourself.

Advantages

- Long service life and especially robust construction
- No external or additional devices required, such as a power box or an air compressor
- Motor starting protection protects the device against cold-starts
- Twist-free rod feed
- Rotatable handle for ergonomic handling
- Optimal view of the welding process thanks to the blower situated below the welder
- Output regulation possible during welding
- Rotatable welding shoe
- WELDPLAST EC4 with brushless and hence maintenance-free blower and drive motors



- The lightest hand extruder
- Ideal for tight spaces
- Very quiet



- Ideal for tight spaces
- 360° rotatable welding shoe
- Easiest possible handling



- Brushless blower motor (and drive for EC4)
- Very quiet
- Menu with function program



- 360° rotatable welding shoe
- Easiest possible operation
- Compact construction for tight spaces



- Menu with function program
- Optionally as a granulate version
- Up to 6 kg/h material output



- 360° rotatable welding shoe
- Easiest possible operation
- Optimal ergonomy and slimline construction

Product comparison

Device type		WELDMAX	FUSION 2	FUSION 3C	FUSION 3	WELDPLAST S4	WELDPLAST S6
Output (HDPE)	kg/h	0.3 – 0.7	1.3 – 1.8	1.6 – 3.5	1.6 – 3.5	1.5 – 3.8	3.5 – 6
Material		HD-PE, PP, PVDF	PE, PP	PE, PP	PE, PP	PE, PP, PVC on request	PE, PP
Wall thickness	mm	4 – 10	6 – 15	8 – 25	8 – 25	8 – 35	15 – 50
Foils		≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
Welding rod	mm	Ø 4	Ø 4	Ø 3 and Ø 4	Ø 3 and Ø 4	Ø 3 and Ø 4	S6: Ø 4 and Ø 5 G6: Granulate
Weight	kg	3.8	5.9	6.9	7.2	8.7	11.5
Length	mm	443	450	588	690	560	680
Voltage	V	120/200/230	230	230	230	230	400
Container manufacture		✓✓	✓✓	✓✓	✓✓	✓✓	✓✓
Pipeline manufacture		✓✓	✓✓	✓✓	✓	✓✓	✓
Landfill site/civil engineering		✓	✓✓	✓✓	✓✓	✓✓	✓✓
Remarks		1	2	2	2	1 / 3	1

1: The air and plastification temperatures are shown on the display and can be separately steplessly regulated.

2: The air temperature is set by means of a potentiometer (knob). The plastic material is heated with pre-heated air.

3: WELDPLAST S4 has a brushless blower motor. WELDPLAST EC4 is equipped with a brushless motor for the drive and blower.

✓ = suitable, ✓✓ = very suitable



Container manufacture with FUSION 2



Repairs with FUSION 3C



Pipeline manufacture with WELDPLAST EC4



Landfill site construction with WELDPLAST G6
(with gran late funnel)

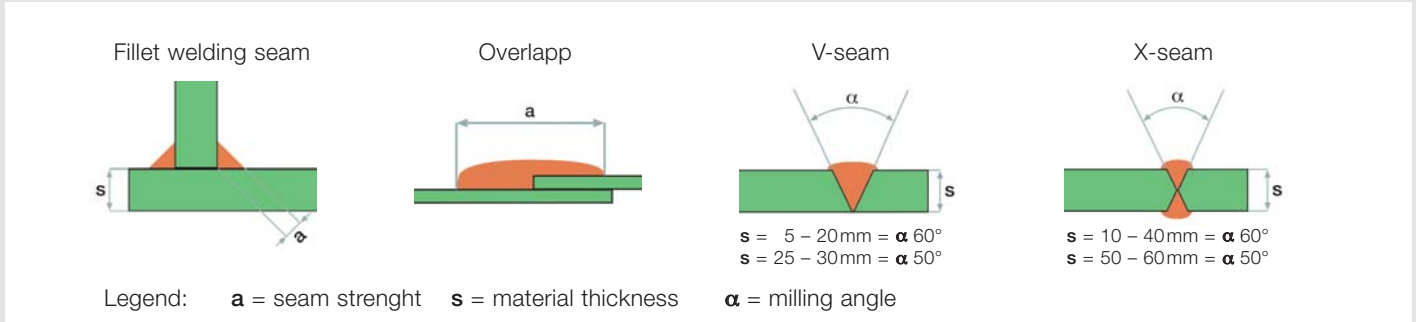
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Welding seam variants



Various accessories



Welding rod unrolling device



Equipment storage facilities for WELDPLAST 4, WELDPLAST 6 and FUSION 3, with integrated welding rod de-reeler device and welding shoe pre-heating



Complete range of welding shoes for all common seam geometries (see above graphic)



Landfill site handle for FUSION 3