

Technical specifications for welding lines LSL 112

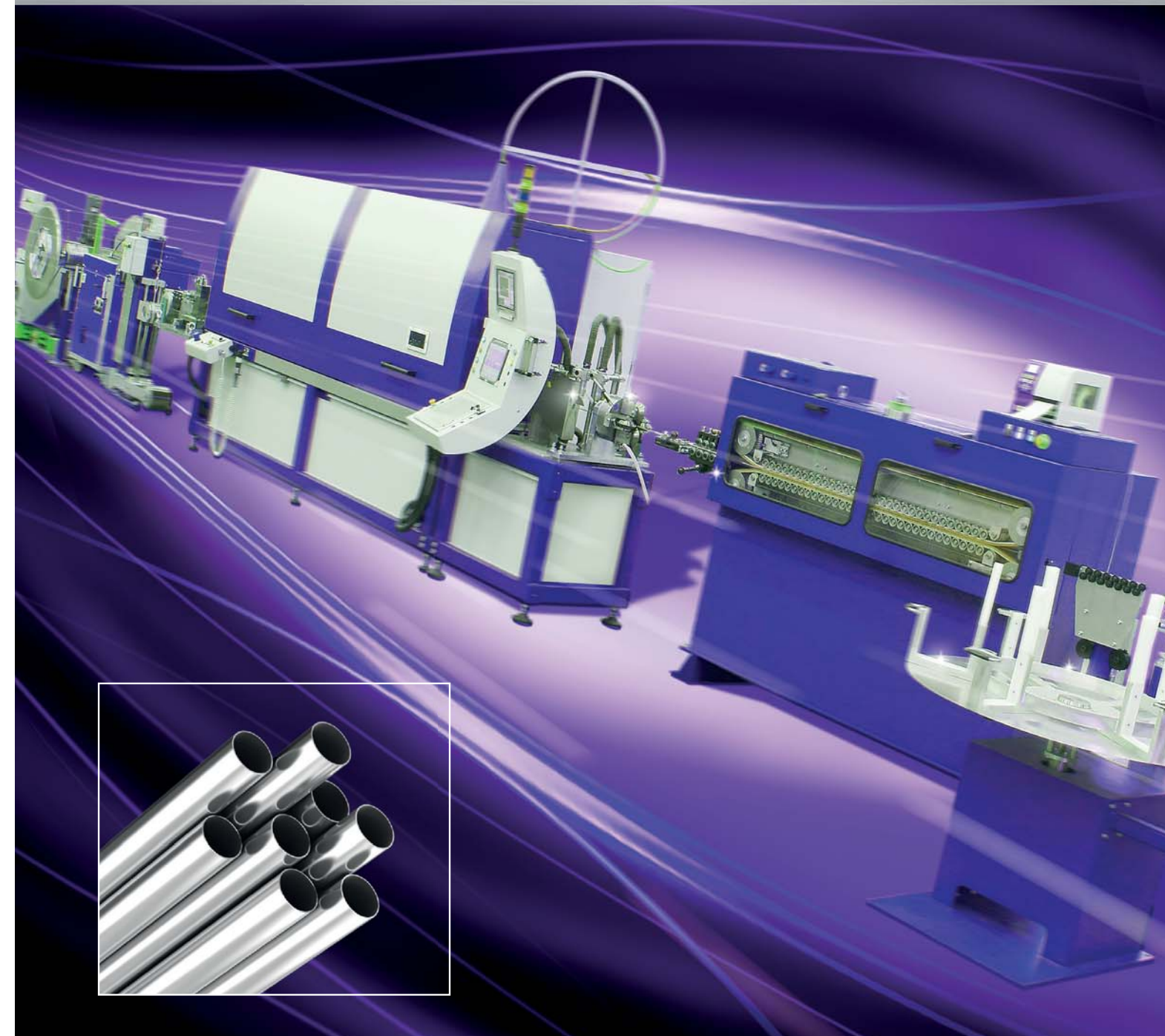
		LSL 112
Tube diameter min	mm	1
Tube diameter max	mm	12 (15 mm)
Tape Thickness min	mm	0.05 *
Tape Thickness max	mm	1.2 *
Forming ratio 15 to 200 ***		standard
Below 15 ****		option
Above 200 ****		option
Tape materials standard		Aluminium. Steel, stainless steel
Tape materials optional **		Copper, Nickel, Cr/Ni, Cr/Ni/Mo, Titan, Copper clad, surface coated copper or steel
Tape width max	mm	50
Tape width min	mm	6
Edge cutting		optional
Edge winding or chopping		optional
Laser power	mm	1 kW up to 4 kW *****
Coil winding max. 1200 mm		standard
Spool winding max. 1250 mm		optional
Geared speed		40 min.
Typical production speeds	2 x 0.15 mm stainless steel 3 x 0.20 Nickel 12 x 0.07 Stainless steel	30 m/min 20 m/min 30 m/min

* In function of the material, ** to be analysed, *** = Ratio tube diameter / wall thickness, **** To be analysed, ***** depending on tape thickness, alloy and speed



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PRECISION METAL MICRO PIPE PRODUCTION EQUIPMENT

Notice: The values presented in this publication or data sheet are typical values and are not to be interpreted as product specifications.

Subject to change in order to follow progress.

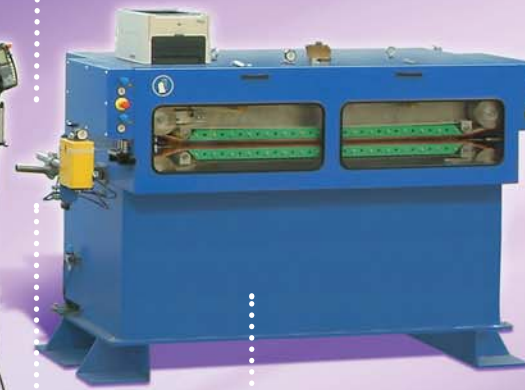
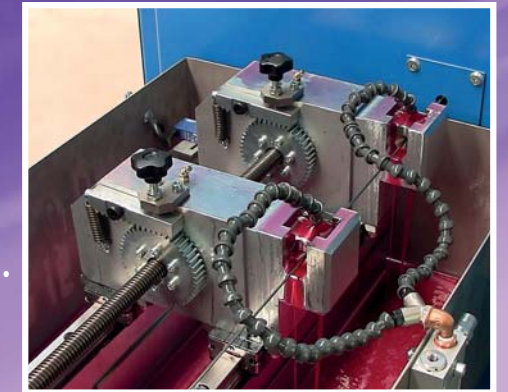
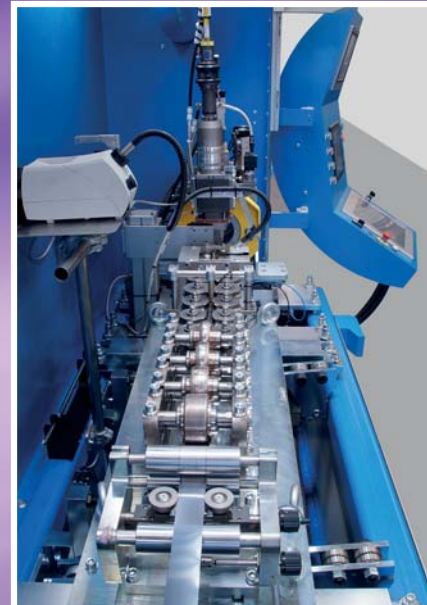
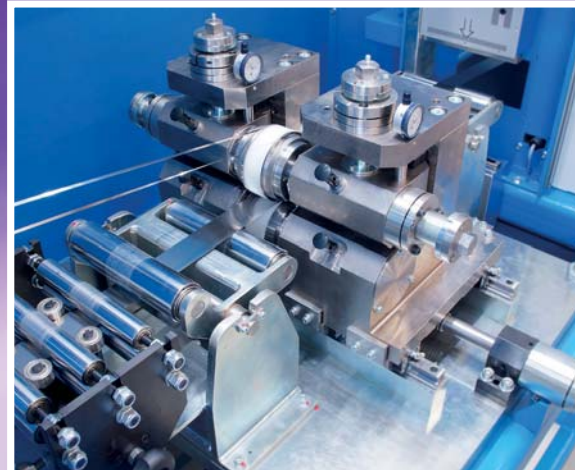
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LSL 012



Pay-off

- Single pay-off
- Dual pay-off

Welding

- Laser welding from 0,05 mm thickness
- TIG welding from 0,2 mm

Accumulator + Deviation

- Linear accumulator 200 m capacity
- Box type accumulator for max. 100 m

Edge cutting

- Edge cutting and winding
- Edge cutting and chopping

Forming and welding

- Laser welding from 0,05 mm
- TIG welding from 0,2 mm

Quality control

Calibration and/or sinking

Pulling

- Precision caterpillar
- Double wheel capstan

Winding

- Coil width up to 1200 mm
- Spool width up to 1250 mm

