



Automatic Boiler End Beveling Machines – ORBIT

PROFIT FROM OUR TOOL EXPERTISE

Linsinger's latest innovation in the field of high-performance beveling, provides the world's first fully automatic boiler end beveling line to our customers.

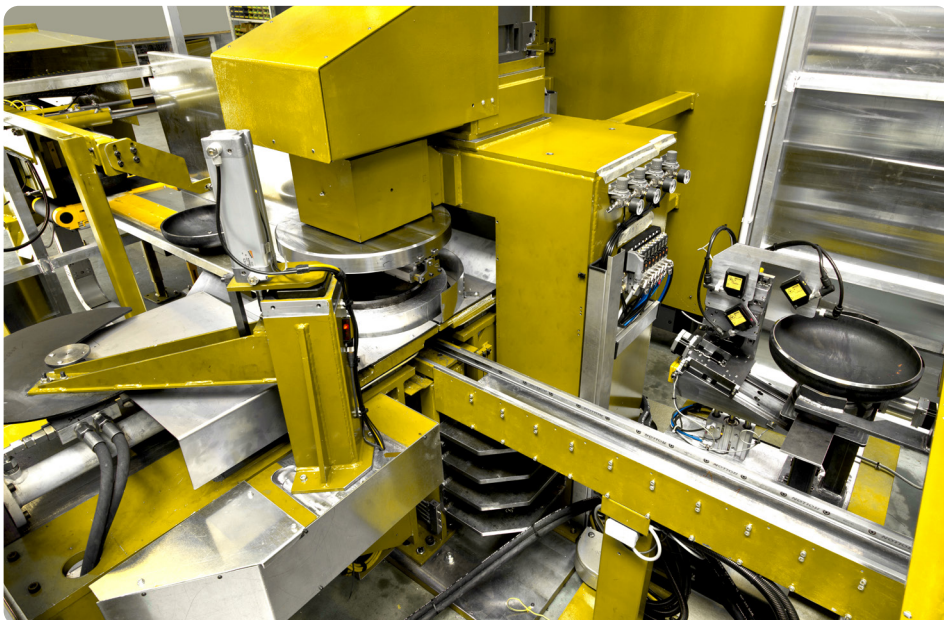
The new machine type covers a diameter range from 25mm (1") up to 1,200mm (48") dependent on machine model. Wall thicknesses from 3 – 25mm (0,1 – 1") are processable. Optional minimum quantity lubricant spray nozzles ensure economic machining of Stainless Steel and high alloyed materials.

Various profile types (N/V/X/Y/J) can be realized. The integrated aligning and downholder units ensure a constant web-flow along the circumference of the boiler end.

After loading via an inlet conveyor, the boiler ends or cups are automatically transported in the machining area, where the chamfering cycle takes place. Optionally, automatic drilling of center holes (\varnothing 10 – 35mm) (\varnothing 0,4 – 1,4") can be realized. After machining, the heads are automatically discharged and optionally stacked for further transport and handling.

YOUR BENEFITS:

- Fully automatic machining cycle
- Designed for highest possible output
- Automatic and precise alignment of boiler ends
- Quick tool and diameter change
- Precise and fast welded seam preparation
- Various kinds of profiles available (V/X/Y/J...)
- Optional drilling function available
- Optional measuring station for quality assurance and documentation



TECHNICAL DATA

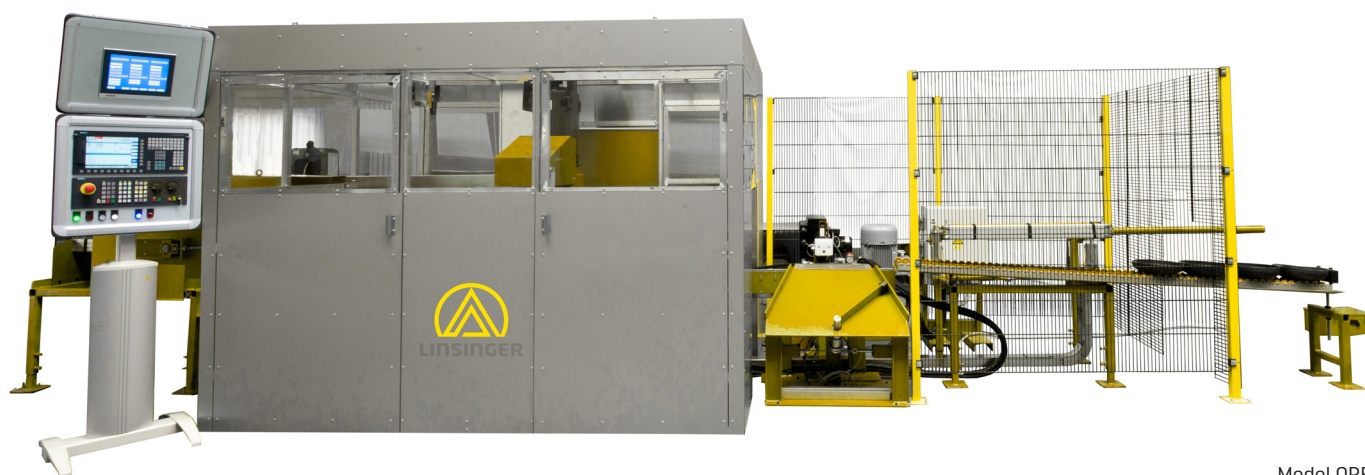
Beveling time
20 sec.

OD 100 mm
(4")
Carbon steel

LINSINGER BOILER END BEVELLING MACHINE: ORBIT

AVAILABLE MODELS:

TYPE	MIN. DIAMETER	MAX. DIAMETER
ORBIT 400	25 (100) mm (1", (4"))	400 mm (16")
ORBIT 600	160 mm (6,3")	600 mm (24")
ORBIT 800	250 mm (10")	800 mm (31,5")
ORBIT 1200	600 mm (24")	1200 mm (48")



Model ORBIT 400

AVAILABLE OPTIONS

- Automatic measuring of finished boiler ends
- Processing of Stainless Steel and other high alloyed materials
- Automatic marking of finished boiler ends
- Automatic stacking and turning of finished parts



Measuring station

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