Wammes Machinery LW GmbH
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Elbow maker

CEM Eco

The WAMMES CEM Eco produces round and oval segmented elbows from Ø 125 to 1,250 mm, sheet thickness up to 1.25 mm. Two electric motors drive the flanging and closing station, pneumatics feed the rolls and closing discs; the machine is built and serviced in Wiebelsheim, Germany.



Ø 125–1,250 mm
Round and oval elbows

0.4–1.25 mm
Sheet thickness, galvanised steel

2 × 2.2 kW
Electric drive

2 stations
Flanging and closing

Technical data

Segmented elbow

Diameter	**Ø 125–1,250 mm**
Shapes	**round and oval**
Sheet thickness galvanised	**0.4–1.25 mm**
Sheet thickness stainless steel	**0.4–0.8 mm**
Segment angle	**max. 30°**
Flange heights	**5 / 7.5 / 10 mm**

Machine

Stations	**2 (flanging, closing)**
Drive	**electric (rotation)**
Feed	**pneumatic (rolls, discs)**
Weight	**650 kg**
Size (L × W × H)	**2,400 × 800 × 1,050 mm**
Colour	**RAL 5003**

Connections

Electrical	**400 V, 50 Hz, 2 × 2.2 kW**
Compressed air	**8 bar, 50 l/min**

Standards

Segmented elbows are fittings of circular air ducts: dimensions to EN 1506, strength and leakage to EN 12237.

Scope of delivery

- Machine frame with work table, control cabinet and controls at the flanging and closing station
- Two electric motors of 2.2 kW each, pneumatics with foot switches
- Forming roll sets for 5, 7.5 and 10 mm flange height (2 rolls each)
- Closing tools: lower and upper closing disc, pressure roll, support arms and support rolls for small to large diameters

The scope of delivery may vary depending on the order.

Advice and quotation

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More on the machine page

How it works, production example, video and FAQ: see the machine page
Service and spare parts from Wiebelsheim, Germany

Machine page ›

Subject to technical changes. The details in the quotation are binding.