Wammes Machinery LW GmbH
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Elbow maker

CEM Ultra

The WAMMES CEM Ultra produces round and oval segmented elbows from Ø 100 to 1,250 mm at up to 120 m/min, sheet thickness up to 1.25 mm. Flanging and closing station are integrated in one table; the machine is built and serviced in Wiebelsheim, Germany.



Ø 100–1,250 mm
Round and oval elbows

0.4–1.25 mm
Sheet thickness, galvanised steel

120 m/min
Working speed

2 stations
Flanging and closing

Technical data

Segmented elbow

Diameter	**Ø 100–1,250 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)**
Working speed	**120 m/min**
Drive	**hydraulic**
Weight	**800 kg**
Size (L × W × H)	**2,800 × 800 × 1,050 mm**
Colour	**RAL 5003**

Connections

Electrical	**400 V, 50 Hz, 5.5 kW**
Compressed air	**8 bar, 10 l/min**

Standards

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

Equipment

Flanging station	Standard
Closing station	Standard
Height-adjustable table	Standard

Scope of delivery

- Machine frame with work table, control cabinet and controls at the flanging and closing station
- Hydraulic power unit
- Forming roll sets for 5, 7.5 and 10 mm flange height (2 rolls each)
- Closing tools: lower and upper closing disc, pressure roll, two support arms and support rolls each for small to large diameters
- Guide rolls of the flanging station left and right, spacer plate for small and large diameters
- Additional rolls for closing end caps

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.