Wammes Machinery LW GmbH
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Tubeformer

TF 1600 Ultra

WAMMES Tubeformer TF 1600 Ultra – spiral duct machine that produces round ducts from Ø 80 to 1,600 mm at up to 80 m/min, sheet thickness up to 1.25 mm. The 1 t decoiler and Siemens control are integrated, service comes from Wiebelsheim, Germany.



80 – 1,600 mm
Duct diameter

up to 80 m/min
Speed

0.4 – 1.25 mm
Sheet thickness (steel, alu)

1,000 kg
Coil, decoiler integrated

Technical data

Duct production

Duct diameter	**80 – 1,600 mm**
Duct length	**from 300 mm, no upper limit**
Strip width	**137 mm (140 mm above 1.0 mm)**
Speed	**max. 80 m/min**

Sheet thickness (mm)

Galvanised steel	**0.4 – 1.25**
Stainless steel	**0.4 – 0.8**
Aluminium	**0.4 – 1.25**

Coil

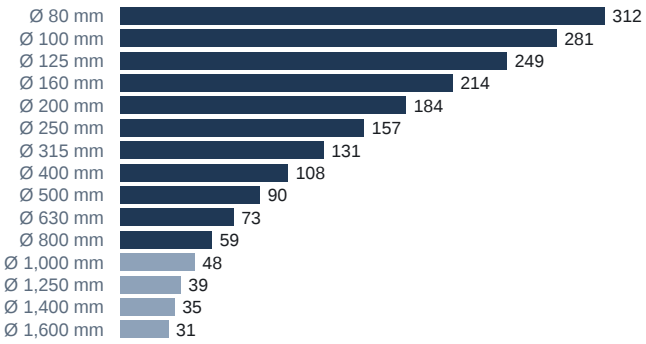
Weight	**1,000 kg**
Outer Ø	**max. 1,200 mm**
Inner Ø	**480 – 530 mm**

Connection and dimensions

Connected load	**11 kW**
Mains	**400 V · 50 Hz · 3/N/PE**
Compressed air	**6 – 8 bar · approx. 100 l/min**
Floor space	**7,100 × 5,100 × 2,100 mm**
Weight	**3,500 kg**
Colour	**RAL 5003 / RAL 1003**

Output

Ducts 3 m long, calculated guide values for continuous operation



Up to Ø 800 mm, the machine automatically ejects the ducts onto the receiving table. Larger ducts are too heavy for this and are removed by crane or forklift. For these diameters (shown lighter) the output applies without removal; the actual number of pieces depends on removal.

Standards

Spiral ducts with dimensions to EN 1506 and strength and leakage to EN 12237. Also designed for SMACNA, AFNOR, BS EN and Eurovent.

Equipment

Siemens control	Standard
SEW drive	Standard
Forming cassettes	Standard
Quick-release system	Standard
Integrated 1 t decoiler	Standard
Flying rotary cutter	Standard
Stiffening beads	Standard
Free-standing 1 t decoiler	Variant
Free-standing 3 t decoiler	Variant
Forming head stand	Accessory
Minimum-quantity lubrication WAMMES GLL	Option

Scope of delivery

- Machine with seaming station, cutting unit and strip guide
- Roll former with 3 sets of forming cassettes
- Drive (motor, gearbox), receiving table with unloading device, lubrication system
- Forming tool and accessories (rotary cutters, closing rollers, beading rollers)
- Motorised angle adjustment
- Production data transfer via network (Industry 4.0 ready)

The scope of delivery may vary depending on the order.

Advice and quotation
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Layout plan (A3, PDF)
with dimensions, safety fence and connection data: see “Downloads” on the machine page
Service and spare parts from Wiebelsheim, Germany

Machine page ›

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