Wammes Machinery LW GmbH
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Modular duct line

MCL Ultra

WAMMES MCL Ultra – modular duct line that produces rectangular ducts straight from the coil: I, L and U sections and fully wrapped boxes up to 1,500 mm sheet width and 1.25 mm thickness, a 300 × 300 mm duct in 25 seconds. As a modular system it grows with your production – up to stage 1 of the PDF system. Siemens control and service come from Wiebelsheim, Germany.



up to 1,500 mm
Sheet width from coil

0.4 – 1.25 mm
Sheet thickness (galv. steel)

up to 5,000 kg
Coil weight

25 s
per duct 300 × 300 mm

Technical data

Duct production

Shapes	**I, L, U, box, box a/2, round-duct blank**
Seam allowances	**freely set, 90° hem possible**
Side length	**from 100 mm**
Box	**from 140 × 140 mm (100 × 100 as option)**
Largest duct	**1,500 × 2,000 mm (L section)**
Duct length	**up to 1,500 mm (sheet width)**
Stiffening	**Z bead; V and trapezoidal bead as option**

Sheet thickness (mm)

Galvanised steel	**0.4 – 1.25**
Stainless steel	**0.4 – 0.6**
Aluminium	**0.6 – 1.25**
Special version	**up to 2.0**

Coil

Weight	**up to 5,000 kg**
Width	**100 – 1,500 mm**
Inner Ø	**508 mm**
Outer Ø	**up to 1,000 mm**
Coil selector	**4 coils (6 as option)**

Connection and dimensions

Mains	**400 V · 50 Hz · 3/N/PE · 16 A**
Drive	**4 kW hydraulic (larger depending on configuration)**
Compressed air	**only for cross-travelling rollformer**
Control	**Siemens S7 with control panel**
Weight	**approx. 2,000 kg (basic equipment)**
Floor space	**depending on configuration, see layout plan**
Colour	**RAL 5003 / RAL 1003**

Output

from coil to the finished folded part

Duct 300 × 300 mm, fully wrapped (box)	**25 s**
L section 500 × 500 mm	**[open]**
Box 1,000 × 500 mm	**[open]**
Flat sheet (I) 1,500 × 1,000 mm	**[open]**

Guide values; the time depends on sheet thickness, duct size and equipment.

Standards

Rectangular ducts with dimensions to EN 1505 and strength and leakage to EN 1507.

Further options

- Punching unit
- Slitter
- Side ejection
- Material-saving function
- Cross-travelling Pittsburgh rollformer
- Tie-rod hole punch
- V and trapezoidal bead
- Special version

Equipment

Straightener and Z bead	Standard
Folding station with shear	Standard
Length measurement	Standard
Siemens control	Standard
Coil selector	Standard
Decoiler 5 t	Option

Scope of delivery

- ✓ Drive unit with straightener (7 rolls) and Z bead
- ✓ Folding station with shear and intermediate frame
- ✓ Coil selector for 4 coils
- ✓ Hydraulic power pack
- ✓ Siemens control with control panel, data transfer via network
- ✓ Decoilers as configured

The scope of delivery may vary depending on the order.

Advice and quotation

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Layout plan (A3, PDF)

with dimensions 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.