



The Spiralmatic machine is used for production of rigid metal tubes and is designed for permanent location, as well as on construction site
The concept impresses with its easy handling and low tooling costs

Technical data

Forming unit

- Tube diameter 125 – 1400 mm
- Max. Form length 3000 mm
- Maximum tube wall thickness 1 mm
- Strip width 137 mm
- Strip speed 4 - 50 m/min
- Tube production speed ~5 m/min (with Ø 350 mm)

Pneumatic equipment

- Minimum pressure 5 bar

Machine features

- HW-flex universal housing
- Electric cabinet with adequate reserves
- 5-roller flanging machine with adjustable pitch
- Wetting system with dropper valve; clocked
- Forming tunnel with side rollers
- FI-controlled flanging machine drive
- Forming guide rollers with adjustable dia. roller set
- Rotating friction saw (fusion cutting)
- Ejection of cut lengths (max. length 3000 mm)
- Coil carrier with brake
- Connecting cable, 10 m
- Machine dimensions L = 3300; W = 2100; H = 1750 mm
- Discharge table dimensions L = 3420; W = 750; H = 1010 mm
- Housing colour: RAL 5010 Enzian blue
- Control cabinet colour; RAL 7032 Flint grey
- Weight approx. 2100 kg

Electrical equipment

- Drive 4 kW – connection 400 V / 32 A
- Saw drive 1.5 kW – 3000 rpm
- Möller PLC XC100 24V
- Motor protection switch and emergency stop
- Touchscreen 3.5" (Möller)
- "Setup/Off/ Automatic" switch
- "On/Off" lubrication switch
- Emergency stop
- "Cancel emergency stop" illuminated button
- "Up/Down" saw button
- Start button
- Stop button
- "Forwards/Backwards" saw switch
- Program file
- Foot pedal (confirmation mode)

Options

- Colour as required
- Siemens electrical equipment
- Connection without neutral lead
- Special voltages
- Profibus interface
- Coolant monitoring
- Extension of program file
- Additional discharge table: 3000 mm
- Tubulux: device for scratch-free processing of tubes



SPIRALMATIC

Ventilation

