



Winner of the
PRODUCTRONICA
INNOVATION AWARD 2015

CoaxCenter 6000 Unbeatable Quality in Micro-Coaxial and Coaxial Cable Processing

- Unrivaled length precision
- Unbeatable stripping accuracy
- Automatic quality monitoring of the stripping results
- High degree of processing flexibility
- High production output

CUT STRIP TERMINATE

CoaxCenter 6000

The Winning Machine

CoaxCenter 6000 is a fully automatic machine for processing microcoaxial and coaxial cables as well as single conductor wires.

Unbeatable precision: Don't waste time and money on inaccurate equipment. "To Be Precise" is our motto and precision is our business.

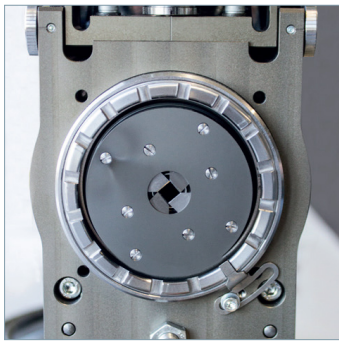
Monitors automatically: The optional QCam 360 inspects 360 degrees around the stripped end of the cable to provide 100% in-process inspection.

Flexible: The CoaxCenter 6000 can be equipped with up to six processing stations which allows for excellent flexibility.

High production output: Short changeover times. Fast and simple machine set-up. Simultaneous processing of both cable ends.

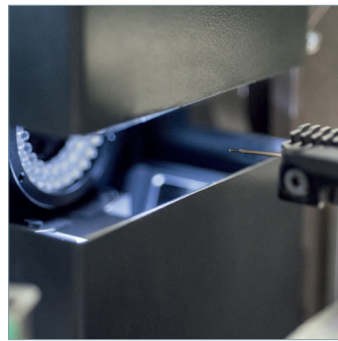
Processing stations and options

- Stripping: RotaryUnit 6000
- Quality control: QCam 360
- Crimping: On request
- Laser stripping: On request
- Option: Robotic Interface, Barcode Scanner



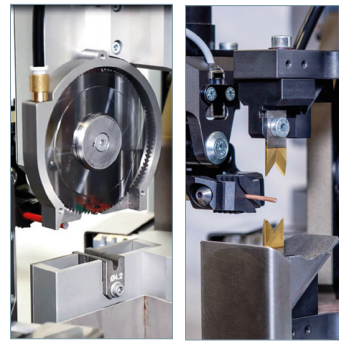
RotaryUnit 6000

The bench mark for high precision and high speed coaxial cable processing with the precision for 40 AWG and the flexibility for cables up to 7.0 mm in diameter.



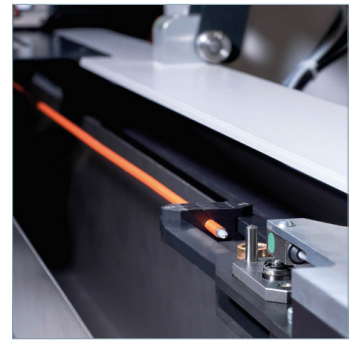
QCam 360

Unique inspection camera analyzes 360 degrees around the cable. Bad pieces will be rejected and physically separated from good pieces.



Cutting

The standard cutting unit uses V-blades. An optional saw cutting unit for coaxial and wire applications provides an exceptionally clean, perpendicular cut without bending the center conductor.



Linearfeeding Unit

For ultimate length precision, grippers from the linear feeding unit pull the cable to the proper length. The cable tension function of this unit ensures maximum length precision for cable lengths from 11 - 1500 mm within hundredths mm range.

Technical Specifications	
Raw Material Diameter	Maximum 5.5 mm (0.21")
Conductor Cross-Section	0.005 mm ² (40 AWG)
Workpiece Length	Minimum 15 mm (0.59") + stripping lengths Maximum 1,000 mm (39.4"), longer cable length with active wire stacker possible*
Strip Length	Minimum 0.1 mm (0.004") Maximum Side 1: 58 mm (2.28") Maximum Side 2: 38 mm (1.49")
Strip Length Tolerance	+/- 50 µm (depending on cable type and programming)
Measuring Precision	10 µm
Production Rate	Cut & Strip: 1,200 pcs/h (100 mm (3.93") long, 3-step strip on both sides) Cut, Strip & Quality: 1000 pcs/h (100 mm (3.93") long, 3-step strip on both sides)
Dimensions (L x W x H)	1,300 x 800 / 900 x 1,400 mm (51.18 x 31.49 / 35.43 x 55.11") (2,200 mm (86.61") with lifted cover)
Dimensions (L x W x H) including WireStacker and WireStraightener	2,000 x 800 / 900 x 1,400 mm (78.74 x 31.49 / 35.43 x 55.11") (2,200 mm (86.61") with lifted cover)
Weight	407 kg (897.28 lbs.)
Power Supply	100/120 VAC, 200/240 VAC, 800 VA, 50/60Hz
Compressed Air Connection	6 bar (87 psi) non-oiled, dried and filtered compressed air Average 65 l/min, maximum 400 l/min Air hose 12/9 mm, max air hose length 10 meter
CE – Conformity	The CoaxCenter 6000 fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.
Important Note	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.

*depends on cable diameter and stiffness of the cable