



Winner of the  
**PRODUCTRONICA**  
INNOVATION AWARD 2015

## CoaxCenter 6000

Unbeatable Quality in Micro-Coaxial and Coaxial Cable Processing

- Unbeatable stripping accuracy
- Automatic quality monitoring of the stripping results
- Traceability through recording of the production data
- 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 micro-coaxial 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 QCam 360 automatically monitors the stripping quality. This eliminates the need for time-consuming manual post-production monitoring processes.

**Traceable data:** Traceability of the data is ensured because the CoaxCenter 6000 records production data, including the 3D images.

**Flexible:** Depending on the application, the CoaxCenter 6000 can be equipped with various processing stations.

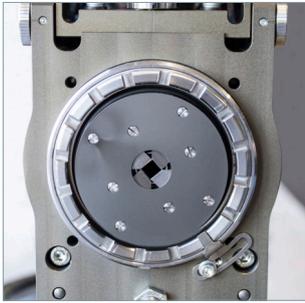
**High production output:** Short changeover times. Fast and simple machine set-up. Simultaneous processing of both cable ends.

### Processing stations and quality control

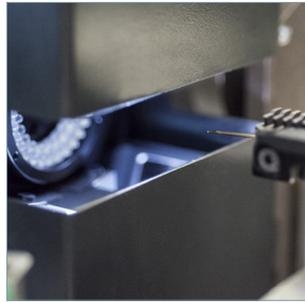
- Stripping: RotaryUnit 6000
- Quality control: QCam 360
- Crimping: On request
- Tinning: On request
- Window stripping: On request

### Options

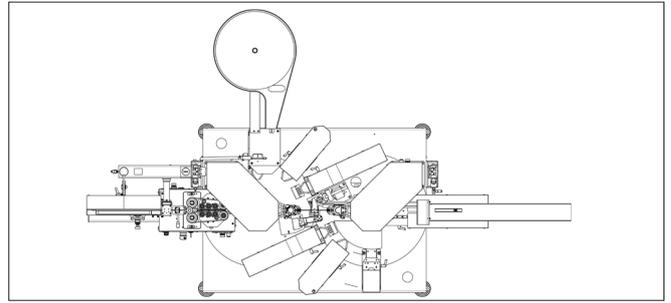
- Wire straightener
- Cable collector
- Signal tower
- NAS data storage unit
- Active wire stacker (on request)
- Prefeeder (on request)



RotaryUnit 6000



QCam 360



CoaxCenter 6000

Technische Daten	
Maximum cable outer diameter	5.5 mm (0.21")
Minimum cable size	AWG 40
Maximum cable length	*1) 1000 mm (39.4"), longer cable length with active wire stacker possible
Minimum cable length	15 mm + stripping lengths
Maximum strip length side 1	26 mm (1.02"), 45 mm (1.77") possible with new software version
Maximum strip length side 2	26 mm (1.02")
Minimum strip length	0.1 mm (0.004")
Strip length tolerance	+/- 50 µm (depending on cable type and programming)
QCam 360 measuring repeat accuracy	10 µm
Production output (cut & strip)	1200 pcs/h (100 mm long, 3-step strip on both sides)
Production output (cut, strip & quality)	1000 pcs/h (100 mm long, 3-step strip on both sides)
Machine dimension	1300 x 800 / 900 x 1400 mm (2200 mm with lifted cover)
Machine dimension (incl. stacker and wire straightener)	2000 x 800 / 900 x 1400 mm (2200 mm with lifted cover)
Net weight	407 kg
Power supply	100/120 VAC, 200/240 VAC, 800 VA, 50/60Hz
Air supply	6 bar (87 psi) non-oiled, dried and filtered compressed air
Air consumption	Average 65 l/min, maximum 400 l/min
Air connection	Air hose 12/9 mm, max air hose length 10 meter
CE-Conformity	The CoaxCenter 6000 complies fully 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.

\*1) depends on cable diameter and stiffness of the cable