CoaxStrip 6480
Coaxial Cable Stripping Machine

- ■ Precise and powerful
- ■ Cable end detection for high-precision stripping lengths
- ■ Cable diameter verification
- ■ Barcode scanning function
- ■ S.ON Software
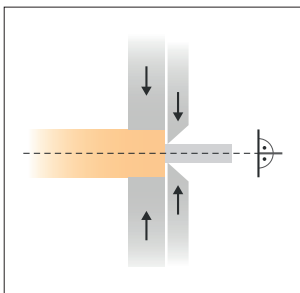
STRIPPING

CoaxStrip 6480

Concept

The CoaxStrip 6480 is a fully programmable multi-step stripping machine for coaxial, triaxial, multi-conductor cable and single conductor wire. Fast cycle times, multiple steps with freely selectable stripping sequence, cable diameter verification, cable end detection, and automated cable retraction functions guarantee high precision and reliability. The incisions of the blades are linear and perpendicular to the cable axis, resulting in a clean and highly precise cut. In addition, the protective cover can be removed without tools, thus facilitating maintenance of the machine.

With Schleuniger's standardized S.ON user interface for simple programming, a sample programming library and 1,000 program memory, this machine is ideal for low volume, quick changeover applications as well as high volume production runs, giving the best possible flexibility and productivity for your production needs.
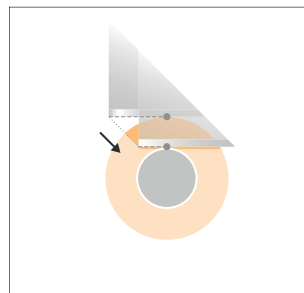
Programmable settings for each step of each program:

- Stripping position
- Incising diameter
- Centering jaw diameter
- Incising speed
- Rotational speed of the stripping head
- Rotational direction of the stripping head
- Incising pause
- Pull-off diameter
- Stripping lengths (partial strip or full strip)
- Pull-off speed
- Pull-off with or without rotation of the stripping head
- Freely selectable stripping sequence
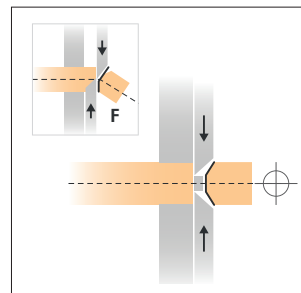- Cable clamping force

Technology concept: The new innovative concept of the stripping head leads to an increase in stripping quality.
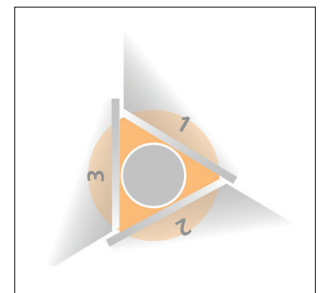

The centering jaws and the blades are programmable for each layer, independently of each other. The blades cut linearly and perpendicularly to the cable axis and are arranged adjacent to the centering jaws.

Depending on the processing diameter, the blades have a different contact point on the blade edge. By using the entire blade edge, the life of the blades is increased.

The blades are arranged in one plane and therefore do not generate any transverse forces during cutting and stripping.

Due to the large contact surface, the 3 knives provide an advantage over a two-knife stripping head when stripping strongly adhering insulations.

Technical specifications	
Raw Material Diameter	Minimum 1.2 mm (0.047") Maximum 12 mm (0.47")
Diameter Increments	0.01 mm (0.001")
Strip Length	50 mm (1.96")
Strip Length Increments	0.01 mm (0.001")
Stripping Steps	Maximum 6
Clamping	Motor driven with programmable clamping force
Cycle Time	≥ 4 s (depending upon cable type and programming)
Production Rate	400 - 650 pcs./h (depending upon cable type and programming)
Memory Capacity	1000 cables
Interfaces	2x USB, 2x Ethernet, 2 x SMI (Option)
Noise Level	< 70 db (A)
Power Supply	100 - 240 VAC, 170 VA, 50/60 Hz.
Compressed Air Connection	0.4 - 0.6 Mpa / 4 - 6 bar / 5 - 12 l/min
Dimensions (L x W x H)	585 x 182 x 370 mm (23 x 7.2 x 14.6")
Weight	22 kg (48,5 lbs.)
CE–Conformity	The CoaxStrip 6480 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.

To Be Precise.