ShieldCut 8100
Unrivaled Flexibility for Cable Shield Cutting

- Ingenious processing concept
- High degree of processing flexibility
- Repeatable processing quality
- Intuitive programming

STRIPPING

ShieldCut 8100

Ingenious: A rotating brush combs out the braided shield strands. The shield strands are then cut between a rotating blade and a fixed blade.
Flexible: The supplied standard guide set enables a wide range of cable diameters to be processed. The clamping jaws and shield cutting blades are universal and do not have to be changed for different cable sizes.

Repeatable: The ShieldCut 8100 is equipped with reliable drives and high-performance control software for repeatable, high-quality results that cannot be achieved with manual shield processing.
Intuitive: The machine is equipped with an intuitive, high-definition 7-inch color touchscreen user interface.

Concept
The operator inserts the stripped cable all the way to the sensor stop. The cable is then clamped and the shield cutting process starts. A rotating brush lifts the shield wires to the point where they can be reliably cut by the blades. As soon as the cable shield has been cut to the programmed length, the clamping jaws open and the cable is released. The machine is controlled via a color touchscreen for fast and easy operation. The intuitive menu guidance guarantees short training times and minimizes input errors. All the production data can be saved and retrieved at any time.

Field of application
The ShieldCut 8100 is used to cut the braided shield of round and out-of-round cables. The cable jacket must be removed prior to processing.

Technical Specifications	
Maximum cable diameter	9.0 mm (0.35")
Minimum cable diameter	2 mm (0.08")
Maximum shield cut length	120 mm (4.72")
Minimum shield cut length	10 mm (0.39")
Minimum distance from jacket to shield	1.5 mm (0.06")
Cycle time	> 3s (depending of cable type and shield cut length)
Program capacity	1,000 cables
Interfaces	2 x USB, Foot Pedal
Noise level	< 70 db (A)
Power supply	100/115 VAC, 230/240 VAC, 150 VA, 50/60Hz
Dimensions (L x W x H)	600 x 220 x 360 mm
Weight	18 kg (40 lbs)
CE – conformity	The ShieldCut 8100 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.