



## **PowerCut 3700** **Automatic Cutting Machine**

- Heavy duty cutter head for cutting material with larger cross sections
- Transport drive with wide belts for accurate cutting of flat material
- Increased throughput due to high cutting rate and transport speed

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# PowerCut 3700

## Application Range | Function

The PowerCut 3700 is the ideal cutting machine for round and flat material with larger cross sections and feeds the cable with high accuracy and speed. The powerful pneumatic cutter head achieves a clean right-angled cut and may be used for a wide range of applications. The PowerCut 3700 may be used as a stand-alone machine as well as in combination with various peripheral machines creating a fully automatic cable processing line.

- Pneumatic cutter head with short cycle times
- Rugged belt-feed transport unit for high pull forces
- Automatic cable detection device for gap adjustment and cable end detection
- Roller-guided cable inlet and universally adjustable cable guides
- Easy, user-friendly programming interface
- Flexible interfaces for active and passive peripheral machines and printing systems

## Options

V-blade, customized blades and guide sets, air jet, connection kits for peripherals, wire straightener, emergency stop connection NV 1100, power transformer.

Technical specifications	
Raw Material Diameter	Maximum 25 mm (1.0"), tubes up to 20 mm (0.8")
Raw Material Width	Maximum 82 mm ( 3.22")
Conductor Cross-Section	Maximum 70 mm <sup>2</sup> (2/0 AWG)
Feed Rate	4.5 m/s (14.76 ft/s)
Production Rate	Length: 100 mm (4") ~ 7'600 pcs./hr. Length: 2'000 mm (79") ~ 3'750 pcs./hr.
Interfaces	RS 232, foot pedal, standard prefeed and hotstamp Optional: PF-Prefeed / WS-Postfeed-interface (synchronized)
Power Supply	230 VAC (115 VAC input optional transformer)
Compressed Air Connection	6 bar (90 psi)
Noise Level	<70 db (A)
Dimensions (L x W x H)	640 x 440 x 530 mm (25.19 x 17.32 x 20.86")
Weight	65 kg (143.3 lbs)
CE-Conformity	The PowerCut 3700 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.