



## **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

The PowerCut 3700 is the ideal cutting machine for round and flat material with larger cross sections. It feeds the cable with high accuracy and speed. The powerful pneumatic cutter head achieves a clean square cut and may be used for a wide range of applications. The PowerCut 3700 may be used as a standalone machine as well as in combination with various pre- and post-processing machines to create a fully automatic cable processing line.

## Options

V-blade, tube cutting unit, customized blades and guide sets, air ejection kit, connection kits for accessories, wire straightener, emergency stop connection NV 1100, power transformer, transformer for 115 VAC operation.

## Function

- 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
- User-friendly programming interface
- Flexible interfaces for available accessories such as prefeeders, markers, coilers, and stackers.

Technical Specifications	
Maximum height	25 mm (1.0"), tubes up to 20 mm (0.8")
Maximum width	82 mm (3.2")
Maximum cable cross section	70 mm <sup>2</sup> , 2 / 0 AWG
Feed rate	4.5 m/s (14.8 ft / s)
Performance	Length 100 mm (4") - 7,600 pcs./hr. Length 2,000 mm (79") - 3,750 pcs./hr.
Interfaces	RS 232, footpedal, standard prefeed and hot stamp Optional: PPI
Power supply	230 VAC, (115 VAC input requires optional transformer)
Compressed air	6 bar (90 psi)
Noise level	< 70 dB (A)
Dimensions (L x W x H)	640 x 440 x 530 mm (25.2" x 17.3" x 20.9")
Weight	65 kg (143 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.