



Innovators in Wire Processing

PowerCut 3700
Automatic Cutting Machine

CUTTING

PowerCut 3700

Application Range

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.

Functions

- 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.

Customer benefits

- High productivity
- High through-put thanks to high cutting rate and transport speed
 - Short change-over times

Easy handling and supervision of the system

- Logic and clearly layed out menu structure with integrated wire and cable memory
- Fast and easy programming at the push of just a few buttons
- Precise adjustment of the cable guides using an easy-to-read scale

Outstanding price / performance ratio:

- Heavy-duty cutter head
- Powerful belt feed system for sensitive cable feeding
- Open, flexible interfaces for peripheral devices

Technical Specifications

Max. Height	25 mm (0.98"), tubes up to 20 mm (0.79")	
Max. Width	82 mm (3.23")	
Max. Cable Cross Section	70 mm ² (2/0 AWG)	
Feed Rate	4.5 m/s (14.76 ft/s)	
Performance	Length: 100 mm	~ 7'600 pcs./h
	Length: 2'000 mm	~ 3'750 pcs./h
Interfaces	RS 232, foot pedal, standard prefeed and hot stamp Optional: PF-Prefeed / WS-Postfeed-interface (synchronized)	
Power Supply	230 VAC, other voltages by means of a transformer	
Compressed Air	6 bar	
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 Notice	Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.	

Sales und Service by:

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To Be Precise.