

Universal cutter FS 100



Resulting from the ease of use and low procurement cost the universal cutter is economically viable even for small quantities or samples.

Economical

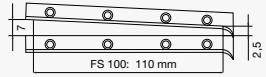
Resulting from its ease of use and low procurement costs, the Universal Cutter is economically viable even for small quantities or samples. It can cut up to 6.100 pieces per hour. When used for just one hour per month, it pays for itself by saving the 5 –10 hours which would be required to cut the same quantity by hand.

Highest Quality of Cut

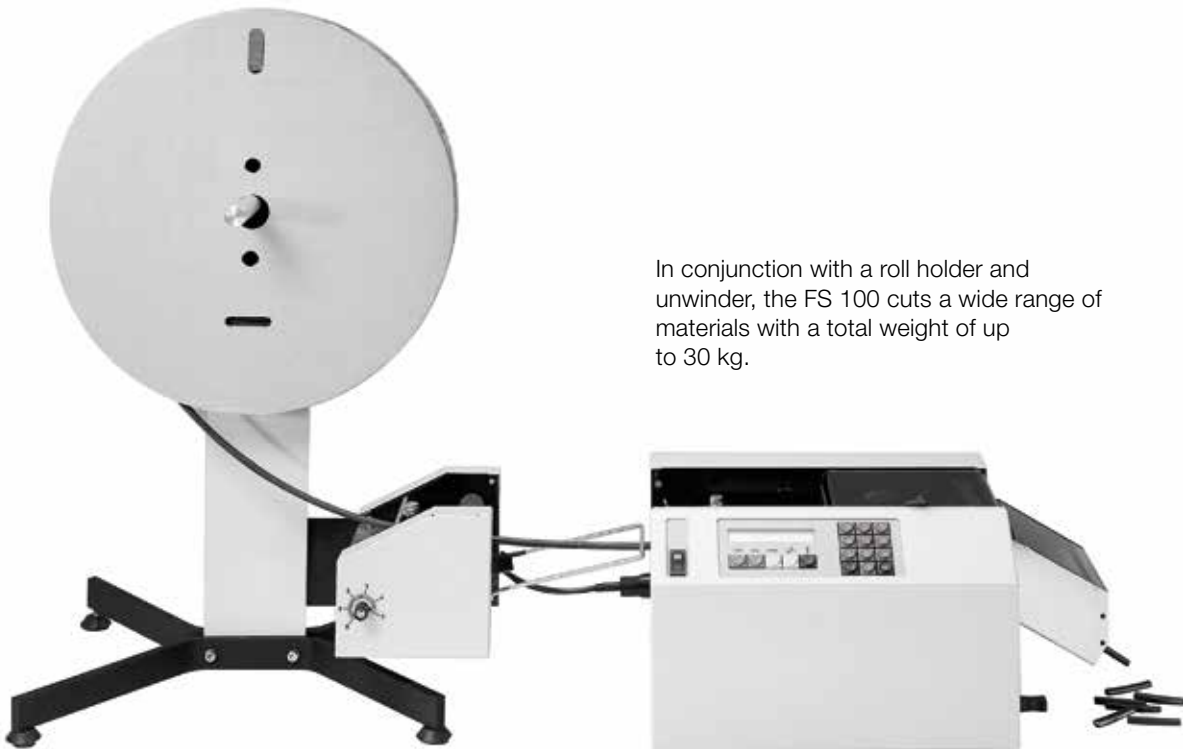
Self-sharpening blades guarantee more than one million cutting cycles when used correctly. The upper blade can be swung up by hand. A material blockage can easily be cleared. The blades can also be easily exchanged or cleaned. Each blade has two cutting edges. Simply by turning them over, the life of the blades is doubled. Both feed rollers are motor driven to protect the material surface and ensure precise lengths of cut material.

Easy Operation

The Universal Cutter is controlled by a microprocessor, therefore its use is easy and comfortable. A two row Liquid Crystal Display shows all values, conditions and faults. The operator is led step-by-step through the programme. The length of material required, the number of cuts, and the feed rate are requested consecutively. The length of material provided by the test cut can be checked immediately using the built-in tape measure. Any alteration can then be made before starting automatic operation.

Technical Data	
Breadth of Cut	max. 100 mm
Material	Flat Cable AWG 22-AWG 32 Round Cable Ø 1-6 mm Piping, Ø up to 30 mm, side up to 2.5 mm thick. Ø up to 50 mm, side up to 1.5 mm thick. Paper, Cardboard up to 250 g/m ² Foil and Banded Material
Material Thickness	
Cutter speed	2 Cuts/s
Number of Cuts	1 –999.999
Feed Rate	50–300 mm/s
Material Length	10 mm up to 100 m
Setting	in 1 mm steps
Programming Values	Measuring Unit mm / Inch Language en/fr/de
Operation Keyboard	Numerical Keys 0...9, Operation Keys, Enter, Erase, Clear
Function Keys	1. Start, 2. Stop, 3. Single Cut, 4. Feed, 5. Programme
Display	2 x 20 character LCD
Sensors	Sensors End of Material, Cutter Basic, Setting, Cutter Cover open
Voltage	240 VAC, 50 Hz 110 VAC, 60 Hz
Temperature/ Humidity not condensing	Operation + 5 - 40°C / 10 - 85% Storage + 0 - 60°C / 20 - 80% Transport - 25 - 60°C / 20 - 80%

Accessories



In conjunction with a roll holder and unwinder, the FS 100 cuts a wide range of materials with a total weight of up to 30 kg.



Roll holder

Enables reels or spools of up to 600 mm in diameter and up to 30 kg in weight to be used.

Technical Data

Seating axis	Ø 20 mm
Total diameter	max. 600 mm
Spool weight	max. 30 kg




Unwinder

Provides an additional material feed and is recommended for reels or spools which weigh more than 4 kg. Thereby any variation in the length of cut material will be avoided.

Technical Data

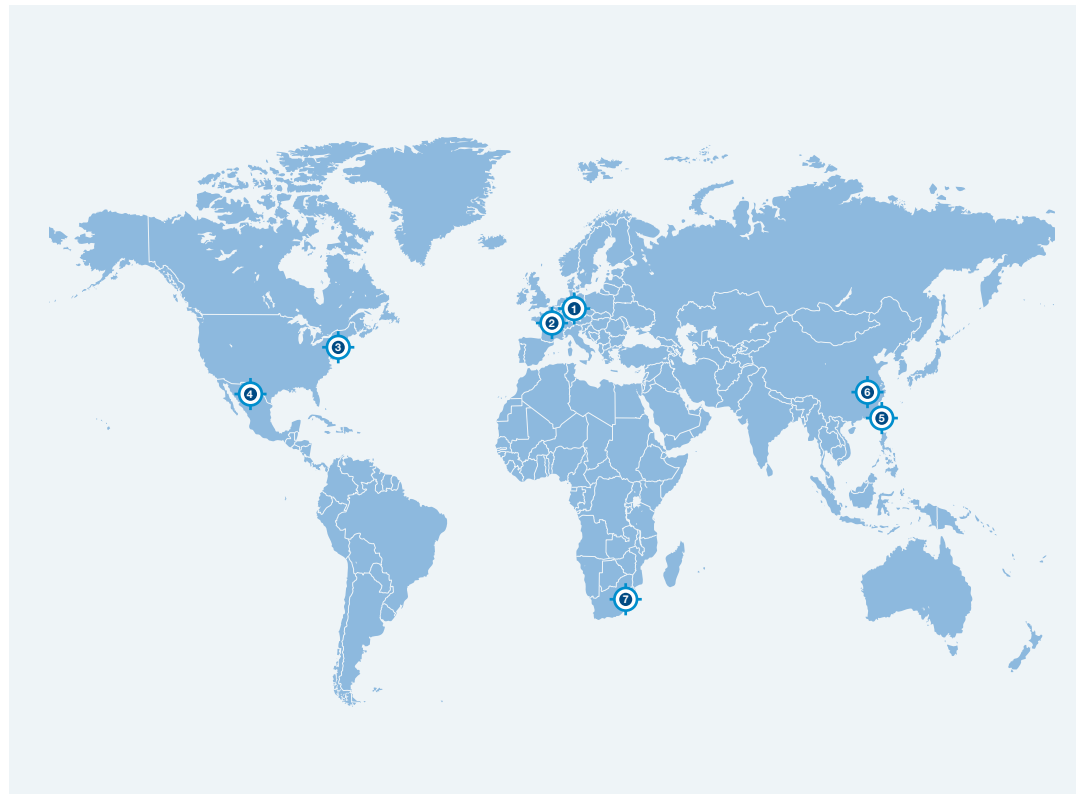
Material Width	max. 100 mm
Material Thickness	max. 8 mm
Feed Rate	300 mm/s
Electrical connection	to Cutter unit

Part No.	Description
8930200	Universal cutter FS 100
8930201	Roll holder
8930202	Unwinder
Part No.	Spare parts
5520757.001	Blade

 Headquarter and fabrication in Germany

 to  International subsidiaries

There are furthermore 820 distribution partners in more than 80 countries.



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