

Label slitting machine

MÜSONIC3

for cutting labels to width with very
fine-cut edges from supply rolls



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General features

The MÜSONIC3 cuts label strips ultrasonically taken from supply rolls to the required width for optimal further processing. The cutting area is compressed by a selvedge pre-compactor prior to cutting, leading to fine edges free from filaments.

All fusible synthetic yarns and blends with max. 66% proportion of cotton can be processed.

Modern machine control with touch-screen for rapid and simple programming also permits data to be stored specific to the product.

Advantages

- Unvarying cut edge quality
- Selvedge pre-compactor for optimal cutting preparation, pressure continuously adjustable
- Minimum waste
- Stable, compactly wound label rolls for optimal downstream processing
- No forerunner needed thanks to precise infeed and offtake
- Simple handling, speedy knife adjustment
- Long sonotrode life owing to low compressive force
- Cutting quality can be verified during cutting
- Sonotrode amplitudes individually variable with automatic adaptation to speed
- High productivity
- Ergonomic design
 - Cutting elements at eye level
 - Running direction from rolls rear to front: better visual supervision
- Low maintenance costs
- Modest space requirement
- Pneumatic winding axles

Options

- Thermofixing device 200 mm
- Core diameter 40 mm or 50 mm
- Ultrasonic welding device
- External winders (BWW / BWF)



Supply of label ribbon from roll

Technical data

Minimum cutting width	10 mm (Option: 6 mm)
Machine speed	1,5 – 60 m/min
Sonotrode rating	standard 2 sonotrodes of 1200 W at 30 kHz
Maximum supply roll width	standard 280 mm
Maximum supply roll diameter	500 mm
Standard Core diameter	75 mm
Cutting wheel duty cycle	about 3000 m before readjustment
Space requirement (PZ 5074/A)	1045 x 1100 x 2300 mm (W x D x H)

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**Fascination of Ribbons and Narrow Fabrics
Innovation in Machinery**

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