

SPRINGER®

ED 3000 WRAPPER*

Fully Automatic Wrapping Machine
for Lumber Packages



* Patent pending



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The ED 3000 is SPRINGER's answer to the great demand for fully automatic wrapping machines. The innovative machine concept of the ED 3000 enables an efficient and automatic wrapping of lumber packages in planing and lumber mills.

Efficient and Sustainable

It only takes 60 seconds for the ED 3000 to pack a three-meter lumber stack into a protective film. The packaging material used is polyethylene (PE). The PE films ensure easy, cost-effective packaging and are 100% recyclable.

Optimally packaged

Due to the automatic centering, it is possible to adapt the position of the wrapping station to the position of the lumber package. Thanks to the wrapping, a continuous production process is guaranteed. The wrapping is applied in combination with the film holders, which can hold up to six films and provides the film automatically. Grapplers take over the film from the holders and fix it on the moving package. After placing the film, the corners are welded and separated in one step. This creates a tight-fitting film hood, which does not offer the wind additional attack surface during the transport. The weld seams are waterproof and resist the transport loads.

Due to the short design, the ED 3000 can be easily integrated into existing systems. The wrapping is perfectly complemented by the upstream package press PASCAL and subsequently by the fully automatic labeling system RLS from SPRINGER.

Advantages

- Continuous production process that is not interrupted by the wrapping
- Film magazine for six films
- Tight fitting film hood, without loose foil corners which have to be fixed extra
- Easy to maintain thanks to the easy accessible individual components



Wrapping machine

Technical data

Package data

min. package height: 300 mm
 (without sticks and option slitters)
max. package height: 1.200 mm
 (without batons)
min. package width: 800 mm
max. package width: 1.200 mm
min. package length: 1.800 mm
max. package length: 8.000 mm

Centration

max. centering path: +/-230mm

Packing speed

2.000 mm package length: 55 s
4.000 mm package length: 65 s
6.000 mm package length: 75 s



Film magazine

Technical data

Film data

min. film width: 2.000 mm
max. film width: 3.700 mm
max. film roll diameter: 500 mm
max. film weight: 800 kg
min. film thickness: 60 µm
max. film thickness: 150 µm
number of films: 6 pieces



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Any technical information is provided for explanation purposes only and strongly depends on individual customer requirements. Any technical specification of our machines is adapted to concrete quotations and, therefore, can significantly differ from the symbolic product presentation.