

# SPRINGER®



## ED 3000 WRAPPER\*

Fully automatic wrapping machine for  
lumber packages



# ED 3000 WRAPPER\*

**Fully automatic wrapping machine for  
lumber packages**  
with welding gun or sewing machine module

\*Patent granted



The innovative machine concept of the ED 3000 Wrapper enables the efficient and automatic wrapping of lumber packages in planing mills and lumber mills.

## Quickly and optimally wrapped

The ED 3000 Wrapper only needs 50 seconds to wrap a package. This makes it one of the fastest machines on the market.

The wrapping is done in combination with a film magazine which can hold up to six rolls of flat film/wrap and feeds the respective film/wrap automatically. The machine's built-in sensors detect the orientation of the incoming package and centers itself.

The gripper arms then grab the centered film/wrap and place it on the package that is passing through. After the film/wrap has been applied, the corners are welded or stitched and cut off. This creates a film hood that is individually adapted to the package size, without any loose film/wrap corners that need to be additionally fastened. The welded seams are watertight and can withstand all transport loads. The machine can be equipped with a welding gun or the specially developed SPRINGER sewing machine module.

This means that not only polyethylene but also woven wrap can be processed. Tightness is ensured by means of a sewn fold created

by a folding device installed in front of the sewing head. For reliable monitoring of needle or thread breakage, the sewing clamp is equipped with a thread monitor for upper and lower threads. The sewing machine is driven by a servo motor.

As an option, SPRINGER also offers a downstream package tape nailer unit to prevent the film/wrap from being pushed up by the airflow.

## ADVANTAGES:

- Continuous production process that isn't interrupted by the wrapping process
- Fully automatic wrap magazine for six films
- Film hood individually adapted to the package size without loose film corners to be additionally fastened
- Optimal maintenance possibility thanks to easy, safe access to the individual components
- Modular design for welding gun or sewing machine module (subsequent conversion possible at any time)
- Easy to integrate into existing lines

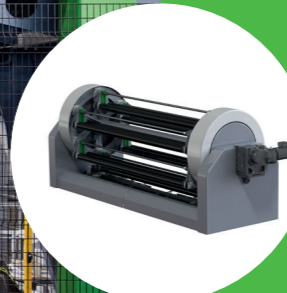
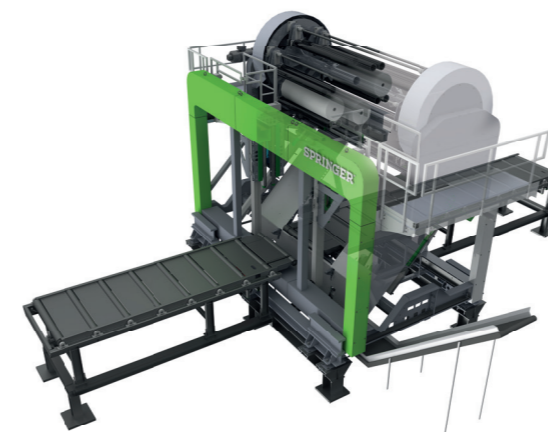
## WRAPPING MACHINE

**Package height:** 300 - 1,200 mm (11.8in - 47 in)

**Package width:** 800 - 1,200 mm (31 - 47 in)

**Package length:** 1,800 - 8,000 mm (70 - 314 in) max.

**Centering path:** +/-230 mm (9 in)



## FILM MAGAZINE

**Film width:** 1,400 - 3,700 mm (55 - 145 in)

**Max. film roll diameter:** 500 mm max. (19.6 in)

**Film weight:** 800 kg (1763 lb)

**Number of films:** 6 pieces



## SEWING HEAD MODULE

**Material:** Material-independent, restrictions on limit dimensions

**Requirement:** flexible material

**Packing speed:**

2m (78 in) - 60s, 6m (236 in) - 68s

**Thread capacity:** up to 5000 packages



## WELDING HEAD MODULE

**Material:** PE, 60 - 150 µm

**Packing speed:**

2m (78 in) - 50s, 6m (236 in) - 58s

**Service life/degree of heating:**  
up to 2000 packages

# CONTACT US!

[www.springer.eu](http://www.springer.eu)

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