



EFFFE 3TI
PACKAGING TECHNOLOGIES

SPINNY S2300

automatic wrapping machine



MADE IN ITALY
SINCE 1999

Your Products, Our Care



SPINNY

MAIN FEATURES

- Standard model: wrapping of products on pallet with stretch film, having dimensions up to 1200 mm (L) X 1000 mm (W), with load capacity up to 2000 kg.
- Pallet wrapping with height from 2600 mm up to 3600 mm.

WRAPPING MACHINE WITH MOTORIZED PRE-STRETCH. FULLY AUTOMATIC FOR PACKAGING LINES



The **MOTORIZED PRE-STRETCH** system is a device that **reduces the amount of stretch film** used to wrap each pallet, maintaining excellent product stability (even for lightweight and unstable products, which would otherwise be impossible to wrap with traditional systems) and ensuring film elongation of **up to 300%** (1 m of film = 4 m of film applied to the pallet with 300% pre-stretch).



Fully automatic machine for applying stretch film to palletized goods, designed and built to be integrated into packaging lines, where the formed pallets are automatically transported to the wrapping machine, wrapped and finally ejected towards the end of the production line where they will then be collected.

The stretch film is dispensed and pre-stretched at a constant tension via rollers, thanks to an electronic system that monitors the speed.

2-MOTORS PRE-STRETCH (OPTIONAL)

Based on the same concept as the single motor pre-stretch, the DUAL MOTOR version has been designed to guarantee even **greater savings**, up to a variable stretching of the stretch film that can reach **400%** (1m of film = 5m of film applied to the pallet with 300% pre-stretch).

ROPING (OPTIONAL)

Furthermore, on both pre-stretch systems, it is possible to reinforce the film laps on the pallet using the **cord reduction system**: this allows the film cross-section to be reduced, creating a real ultra-resistant "cord" that therefore guarantees **greater product stability**.



TOUCH SCREEN



MOTORIZED
PRE-STRETCH

S2300

automatic wrapping machine

WHY SPINNY S2300?

- Capable of wrapping up to approximately 25 pallets per hour (Note: this figure depends on the size of the pallets and the number of wrapping turns)
- It does not require the presence of operators
- Minimum maintenance required
- **3-years warranty**



WITH TOP SHEET DISPENSER



STAINLESS STEEL WITH PALLET LIFTER



WITH CHAIN TRANSPORTS



WITH STABILIZING PRESS

DESIGNED AND BUILT ACCORDING TO YOUR NEEDS

An automatic line is composed of various machines and conveyor systems that need to interface with each other through signal exchange and eventually communicate with the management system.

The line's configuration and related software are designed based on the customer's production needs. Spinny is a pallet wrapping machine with extensive customization options.



At EFFE3ti, we care deeply about innovation and are committed to continuous product development. Safety is a priority, so all SPINNY models comply with the applicable Machinery Directive: a guarantee of production in compliance with health, safety, and environmental requirements.

TECHNICAL CHARACTERISTICS

- Pre-stretch ratio up to 300%. Standard 200%
- Automatic pallet height detection via photocell
- Separate programming of high and low reinforcement turns
- Table rotation speed adjustable via inverter
- Table stop position controlled by sensor
- Adjustable reel carriage speed
- Reel carriage fall prevention system
- PLC-controlled work cycles
- Separate operator panel
- Profinet interface (standard)

POWER SUPPLY

- Tension: 400-415 V triple phase $\pm 10\%$
- Frequency: 50 Hz
- Installed power: 3 kW
- Auxiliary power supply: 24 V DC

PNEUMATIC SYSTEM

- Compressed air: required pressure 5 bar
- 180 nl/cycle

FILM (LLDPE) AND REEL CHARACTERISTICS

- Thickness: $12 \div 23 \mu\text{m}$
- Suggested thickness: $20 \mu\text{m}$
- Internal diameter: 76 mm
- Height: 500 mm
- Maximum weight: 20 kg
- Maximum diameter: 250 mm

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R2602

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