

EFFE 3TI
PACKAGING TECHNOLOGIES

SPINNY S370

semi-automatic wrapping machine



MADE IN ITALY
SINCE 1999

Your Products, Our Care



SPINNY

MAIN FEATURES

- Standard model: rotary table diameter 1500 mm with load capacity up to 1200 kg and wrapping height up to 2100 mm
- Other table diameters available: 1650 mm, 1800 mm, 2200 mm and 2400 mm with load capacity up to 2000 kg or 2500 kg on demand
- Other wrapping heights available:
 - up to 2600 mm;
 - up to 3100 mm;
 - up to 3600 mm.
- The machine can be programmed to perform reinforcement wraps at variable heights.



TOUCH SCREEN



MOTORIZED
PRE-STRETCH



IOT

INDUSTRY 4.0 CERTIFIED WRAPPING MACHINE WITH MOTORIZED PRE-STRETCH



The machine has an IOT device that allows it to be controlled through a SecureCloud-based system (optional)



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).

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**.



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ONE STEP BEYOND THE S350 MODEL BECAUSE IT ALLOWS FOR AUTOMATIC FILM REINFORCEMENT TURNS AT DIFFERENT HEIGHTS ON THE PALLET

DATALOGGER.2 (OPTIONAL)



A system designed and developed by EFFE3ti srl to collect real-time data from machines on a cloud platform with a state-of-the-art control panel. This data is then collected, processed, and shared to monitor production, performance, consumption, and machine status, and generate statistics.

THE VALUE OF INFORMATION

Monitor the activity of your installed machines, identify any issues, plan maintenance, and, thanks to direct control of stretch film consumption, you can implement business opportunities such as supplying wrapping machines on a

“pay per pallet” basis.



productivity
monitoring



consumption
monitoring



improving
efficiency



improving
production
processes



report and
analysis

OPTIONAL:

CORVINA

Advanced smart manufacturing and smart machines solutions platform that enable real-time monitoring, predictive maintenance, and remote control capabilities.

AUTOMATIC FILM CUT

Installed in the reel holder group, it allows the automatic cutting of the stretch film at the end of the wrapping cycle.

VOLUMETRIC SENSING SYSTEM

A camera positioned on the top of the machine detects the volume of the product.

PHOTOGRAPHIC SYSTEM

It can take up to 4 photos (one for each side of the pallet) before and after the wrapping process, useful for refuting claims related to missing or damaged goods during transport.

WEIGHING SYSTEM

A scale under the turntable detects the weight of the product.

SPINNY S370 is a pallet wrapping machine that immediately improves the efficiency of your company's logistics **by eliminating the annoying, time-consuming and often dangerous manual winding operations.**

With Datalogger.2 (optional) you can monitor the machine even remotely, program the wrapping cycles and produce statistics on consumption and work cycles.

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

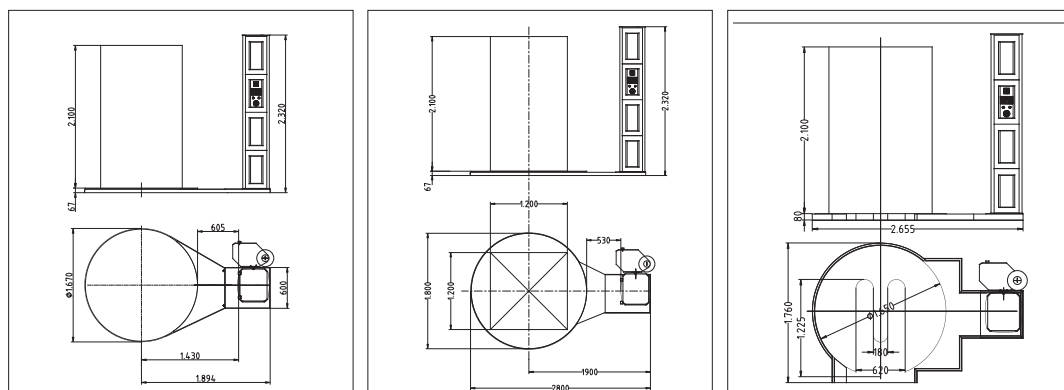
- Pre-stretch ratio 300%; standard 200%
- Automatic pallet height detection via photocell
- Table rotation speed regulated by inverter (rotation adjustable from 5 to 10 rpm)
- Table rotation with stop in the same starting and finishing position
- Variable speed of ascent and descent of the reel trolley
- Anti-fall system on the reel trolley
- Controlled by PLC and HMI 7"
- 10 wrapping programs available
- Separately programmable low and high reinforcement rounds
- Programmable to automatically wrap with film reinforcement rounds at different pallet heights
- IP55 protection

POWER SUPPLY

- Tension: 230 V single phase
On demand, 400-415 V triple phase $\pm 10\%$
- Frequency: 50 Hz
- Installed power: 3 kW
- Auxiliary power supply: 24 V DC

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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