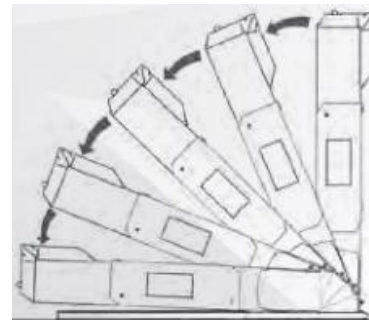


WHAT IS NEW ON THE FS360 STRATCH WRAPPING MACHINES

Based on the experience with the FS100 "Cento" machines, with the FS360 series Stretch Wrapping Machines we introduce a New Generation of semi-automatic turntable machines with the same quality as the FS300 series, that it is replacing, but for a more **competitive pricing**. Together with the FS390 and FR-series Robot Wrappers, we believe with these new machines we have a new start for better results.

Key features:

- New easy to operate control panel.
- New colour sable for the blue
- New label FROMM on the mast
- Belt driven carriage with safety system to prevent accidental falling
- Reclining column hinged to the base to facilitate machine installation and possible repositioning



- Pallet height photocell (new model with longer scanning range), interchangeable with the LASER sensor, no need extra bracket.
- Base diameter 1.500 mm (max. loading weight 1.500 Kg -12rolls) / 1.650 mm (max. loading weight 2.000 Kg 16 rolls) (no more 8 rolls)
- Turntable blocking feature to avoid movements during loading and unloading operations, with torque limiter integrated on the gearbox.

- Standard mast with max. wrapping height: 2100mm (soon will be available also 2500mm)
- Power supply: single phase 0.8 kw or 1.1 kw (one motor prestretch)
- Footprint 1645mm x 2280mm

New carriages features:



C1: roll core brake: Manually adjusted friction brake tensoning system, ideally for pre-stretched or 8 – 12 micron films.



C2 with one roll brake constant stretch of the film independently of the diameter of the spool .



C3 with 1-motor powered pre-stretch and fixed gear ratio 150% or 200 %. The film force/feed to load (tension) is controlled by a strain gauge, adjusted on the control panel.

In all the carriages :

Film roll width: 500mm
Max. \varnothing outside 250mm
Core \varnothing inside 76 mm.



The **roll holder shaft** is welded on to the steel plate and screwed on the stretch unit. Always galvanized. Stronger construction. In case the shaft is bended or broken, it is possible to replace the group.

New **roll holder made** in plastic by mold. On **C2 & C3**, 2 springs are holding the core. So an empty roll can easily be removed.



Base frame: New ring around the turntable.

Previous solution was a circular profile thickness 5 mm height 60 mm banded. This kind of profile, when hit with force (fork lift truck) could be deformed. Now is made with an embossed steel plate 2 mm thickness banded on the top and bottom to emulate an higher steel thickness

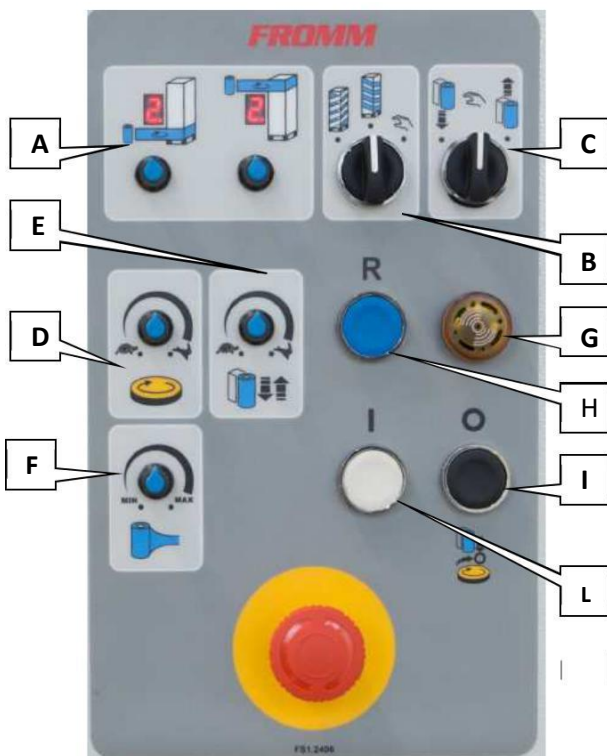
New gearbox on the turntable with **torque limiter**. The torque limiter prevents the damage of the gears inside the gearbox during the fast deceleration of the turntable (especially with high weight) or when the operator pushes the pallet on the turntable. If a big rotation force is applied to the disk, there is a skidding between the gearbox and the chain pinion trough the torque limiter.





One **proximity switch** on the center of the turntable to determinate the zero position. No more necessary to teach the home position to the machine if lost. The central sprocket is

Operating panel :



FS360 Control panel

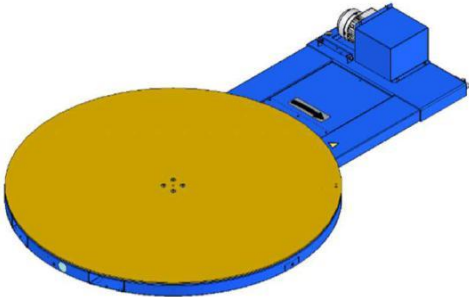
- A= Bottom-Top wrapping;
- B= Double-Single-Manual wrapping.;
- C= Manual movement carriage down-up;
- D= Turntable speed;
- E= Carriage speed;
- F= Tensioning
(available only with Carriage pre-stretch);
- G= Buzzer/Warning light / Sound;
- H= Reactivation;
- I= Stop;
- L= Start;

The buttons and selectors are , diam. 22 mm , knobs for speed and wraps. Very easy in use and robust construction. Limited functions but enough for the most of the users.

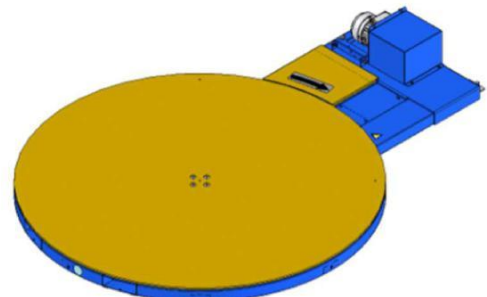
- Cycle, up/ down , only up with automatic carriage return when the table is in zero position, manual cycle
- Selection of the top and bottom wraps (0 to 5)
- Carriage speed from 2 to 4 m min.
- Turntable speed from 6 to 12 wraps/ min

Turn table selections:

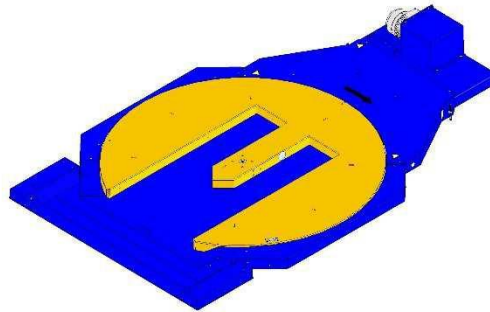
Base 1500 mm



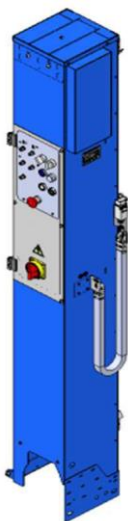
Base 1650mm



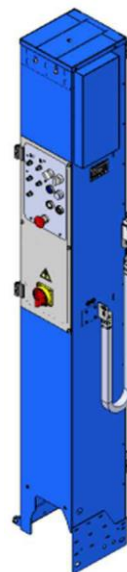
Horseshoe turntable 1.500 mm with the possibility to modify the in-feed entrance in any moment. (From April)



Mast 2100 mm

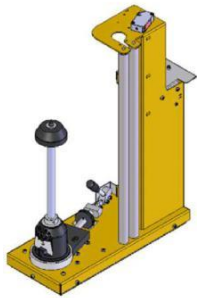


Mast 2500 mm (March)



Carriages:

C1



C2



C3 (150/200% fixed gears) **C3** with cutting device

(from April)



This is just the fundament for a new era in our FROMM Stretch Wrapping Life. Let's work together to make it stronger and better.

FROMM Wrapping Systems S.r.l..