



WRAPPING SPEED - UP TO 138 WRAPPED PALLETS PER HOUR!

Rotomatic LOGO

Fully automatic machine for inclusion in transport lines with application of a printed foil (logo). The machine is designed for operations with a very high packaging capacity and high demands for packaging that ensures perfect fixation of the goods on the pallet with minimum film consumption. The high machine productivity is enabled by a packaging technology when the wrapped pallet is not rotated as in the case of standard machines, but instead it sits on the conveyor and is wrapped with high-speed rotating film around the pallet. In this packaging method, no dynamic forces are applied to the pallet. In addition, however, its specially developed pre-stretch device allows the application of printed film and opens wide space for marketing implementation. To ensure the highest packaging performance, the machine is delivered in a version with two pre-stretch devices.

After a pallet with the goods enters the machine, the machine is able to automatically start a wrapping cycle, wrap the pallet at one or multiple heights, attach a strip of printed film (e.g. with the manufacturer's logo) and send a signal indicating the end of the packaging. The starting packaging position can be selected which allows fixation of only the top or bottom edge of the goods or reinforcement in the middle of the packaged pallet. The high quality of all types of packaging (simple, crosswise, dustproof and moisture proof) is enhanced by heat bonding of the end of the film with the last layers of film on the wrapped pallet.



Wrapping Packaging Machines

ROTOMATIC LOGO

Stretch film equipment

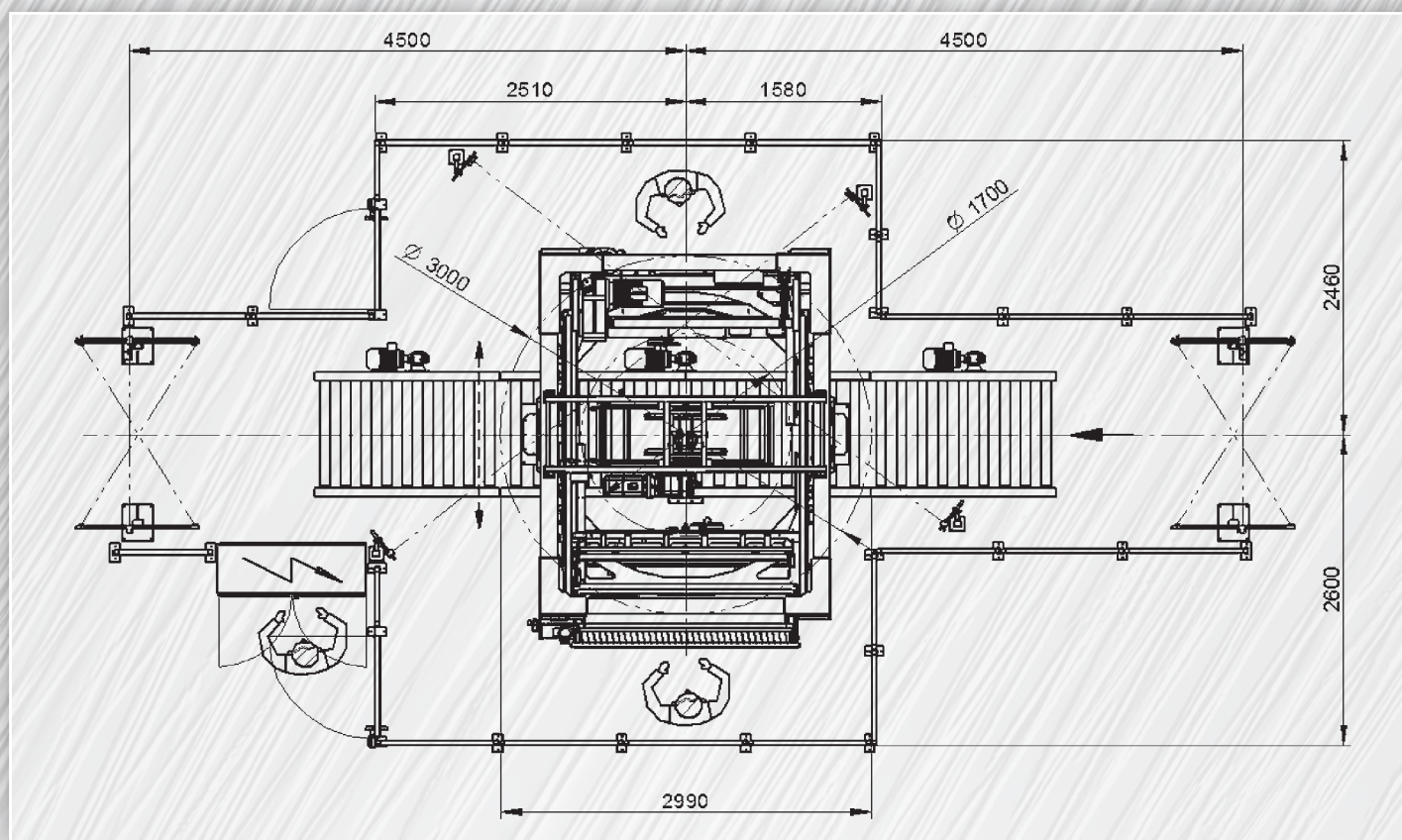
The digitally controlled single engine film pre-stretch equipment is a device which allows you to mechanically set the pre-stretch percentage (80%, 120%, 160%, 210%, 250%, 290%) using a simple exchange of the transition between the pre-stretch rollers. The secondary tensioning of the wrapping film can be changed from the control system. The set secondary tensioning is sensed by the roller with an encoder during the wrapping cycle and corrected to the set value. The secondary tensioning is regulated gradually depending on the

specific dimensions of the goods. It is possible to apply printed film in combination with the pre-stretch device.

The digitally controlled double engine foil pre-stretch equipment is a device which allows you to set the primary and secondary tensioning of the wrapping film from the control system. The set tensioning is sensed by the roller with an encoder during the wrapping cycle and corrected to the set value. The tensioning is regulated gradually depending on the specific dimensions of the goods.

The film pre-stretch can be complemented by tying into a string. This device allows you to wrap the pallet using a one-sided narrowed film (the tying is performed partly upwards). The partial tying upwards allows a more precise defining of the position of the lower edge of the film when the entire pallet cannot be wrapped while it is necessary to provide better attachment of the film to the pallet. This device requires the use of lifting equipment.

Set-up dimensions (Rotomatic Profi+ Double)



▪ WRAPPING SPEED ▪ ECONOMICAL OPERATION ▪ SIMPLE CONTROL ▪ HIGH-QUALITY



Control system

The wrapping machine is equipped with a control system that is controlled from the operator panel. The control system allows you to define up to 20 packaging programmes. The automatic cycle of the machine is started from the line control system depending on the movement of the packaged goods along the line, or from the machine control panel. The control system is equipped with a machine error reporting module. This system allows the user to easily identify the cause of stopping the machine. The machine communicates with the line control system using communication signals or the ethernet. The set-up of the individual packaging programmes allows you

to select the method of wrapping (simple, crosswise, dustproof, moisture proof, wrapping of separate strips), select the use of attachments, set up the packaging parameters in its individual phases (pre-stretch, speed, rotation speed), reinforcement of the packaging at defined wrapping heights.

Ending equipment

The machine is equipped with equipment for welding the last two layers of the ending film. This device will simultaneously cut off the film and will catch the end of the film for the next wrapping cycle.

Attachments

Second reference position of the machine

Increases the machine wrapping performance when the machine is to wrap goods of differing height.

Measuring of the film winding-up

Equipment measuring the quantity of the wrapping film in the chamber. It allows signalling when the wrapping film is running out.

Overlay equipment

The mechanism of the upper overlay is optional and allows you to overlay the top surface of the pallet with protective film and attach dust-proof and moisture proof overlay of the pallet.

Overlay film blower

Equipment for blowing the overlay film to the pallet improves the quality of laying the overlay film while allowing to increase the wrapping performance.

Fencing

The machine must be fitted with protective fencing preventing the operator from entering the area of the machine during wrapping.

Lifting equipment

This attachment allows the underlaying of the pallet and thereby improves the fixing properties of the packaging between the wrapped goods and the pallet.

Safety equipment

The machine must be fitted with an electronic

safety device preventing the operator from entering the area of the machine on transport lines.

Clamping equipment

The machine can be equipped with a mechanism of a holder of unstable goods. It is a mechanical scissor device which is started from the upper frame of the machine



Conveyors

The machine can be supplied with transport lines that ensure the transfer of packaged goods to and from the workspace.



QUALITY PACKAGING ■ FULLY AUTOMATED ■ RELIABLE FIXATION OF THE GOODS ■



| Attachments | Light | Standard | Profi |
|--|-------|----------|-------|
| Pre-stretch 1MD | YES | YES | YES |
| Pre-stretch 1MD Double | NO | YES | YES |
| Pre-stretch 2MD | NO | YES | YES |
| Tying to a string - magnetic | NO | YES | YES |
| Second reference position of the machine | YES | YES | YES |
| Measuring of the film winding-up | NO | YES | YES |
| Overlay | YES | YES | YES |
| Clamping | YES | YES | YES |
| Blower | YES | YES | YES |
| Pallet lifting | YES | YES | YES |
| Fencing | YES | YES | YES |
| Safety equipment | YES | YES | YES |
| Conveyors | YES | YES | YES |
| Logo | NO | YES | NO |



ROTOMATIC Control Panel

| Technical data | Light | Standard | Standard+ | Standard+ Double | Profi | Profi+ | Profi+ Double |
|---------------------------------------|----------------------------|-------------|-------------|------------------|-------------|-------------|---------------|
| Max footprint of the pallet [mm] | 1205 x 1250 | 1205 x 1250 | 1205 x 1250 | 1205 x 1250 | 1205 x 1250 | 1205 x 1250 | 1205 x 1250 |
| Min footprint of the pallet [mm] | 600 x 600 | 600 x 600 | 600 x 600 | 600 x 600 | 600 x 600 | 600 x 600 | 600 x 600 |
| Max height of packaged goods [mm] | As ordered | | | | | | |
| Min height of packaged goods [mm] | 500 (1000 with an overlay) | | | | | | |
| Wrapping performance up to [pal/hr] | 77 | 83 | 96 | 113 | 104 | 111 | 138 |
| Rotation of the ring [1/min] | 35 | 45 | 45 | 45 | 60 | 60 | 60 |
| Lifting speed [m/s] | 0,16 | 0,21 | 0,42 | 0,42 | 0,27 | 0,55 | 0,55 |
| Film width [mm] | 500 | | | | | | |
| Film average [mm] | 250 | | | | | | |
| Overlay film width [mm] | 1600 | | | | | | |
| Operating voltage | 3x400V, 50Hz | | | | | | |
| Max power of the machine [kVA] | 18 | 23 | 30 | 32 | 30 | 37 | 45 |
| Operating air pressure [MPa] | 0,6 - 1 | | | | | | |
| Machine width (without fencing) [mm] | 3340 | 3340 | 3340 | 3340 | 3340 | 3340 | 3340 |
| Machine length (without fencing) [mm] | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 |

The aforementioned packaging performance depends on the specific packaging method, dimensions of the goods and the machine equipment.

We provide a standard warranty of 12 months on all delivered machines.

The manufacturer reserves the right to change the technical parameters.