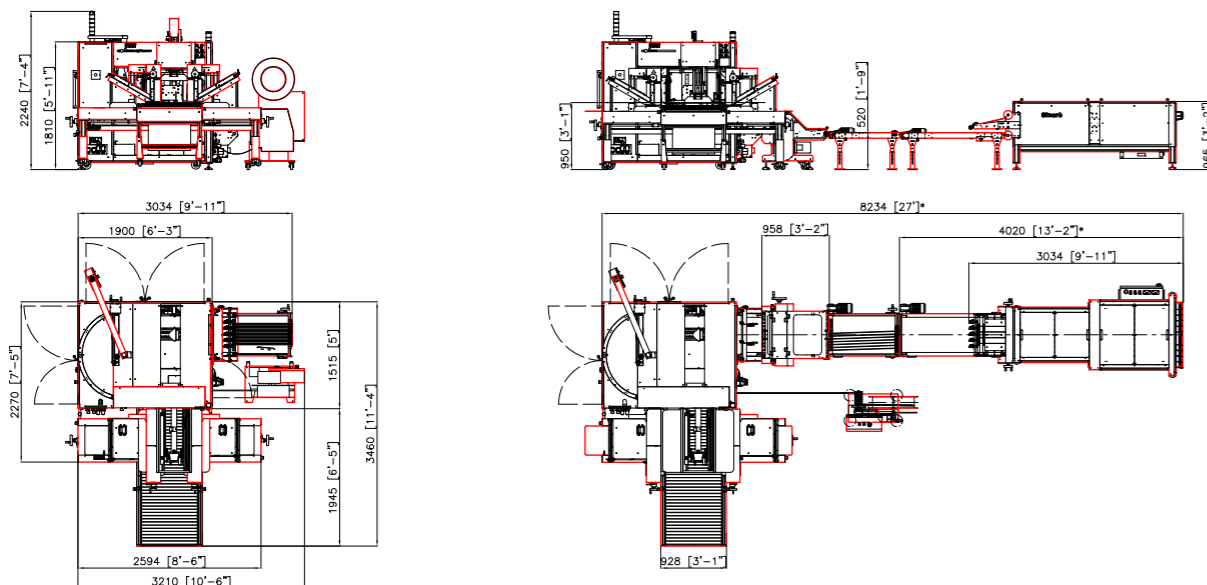


## ROTODÒ



## TECHICAL DETAILS

### SPEED OF THE MACHINE

- 3 Cycles/min.  
(depending on the signature thickness)

### SIZE OF THE PRODUCTS

#### SIGNATURE'S SIZE (length x width)

- min. 170 mm x 110 mm
- max. 2 up = 510 mm x 220 mm
- max. single = 380 mm x 320 mm

### LENGTH OF THE UN-PRESSED BUNDLE

- min. 600 mm
- max. 740 mm

### LENGTH OF THE PRESSED BUNDLE

- min. 400 mm
- max. 600 mm

### STRAPPING MATERIAL (length x width)

- min. 11,20 mm x 0,61mm
- max. 11,90 mm x 0,69mm

### TYPE

- Polypropilene 12060 Neutral ø 280 mm\_
- Length of reel 2500 m
- Ring 280 mm \_ strenght 180 Kg\_ embossed surface.
- Special Kit for different material available

### PRESSING STATION FORCE (built into the machine pos.4)

- 1220 N (total force applied from the roller)

### PRESSING STATION FORCE (optional external unit pos.3)

- 814 N (total force applied from the roller)

### ELECTRICAL POWER SUPPLY

- approx. 4 Kw – 3 x 400V PNE 50Hz – 20A

### AIR SUPPLY

- approx. 45NI/min / 2,66 m³/h

### WEIGHT OF ROTODÒ

- 2000 kg

### WEIGHT OF THE AUTOMATIC BOARD FEEDER

- 600 kg

### WEIGHT OF THE SINCRÒ MERGER

- 480 kg

### WEIGHT OF OPTIONAL INFEED PRESSING STATION

- 380 kg

### SIZE-CHANGE

- Manual through hand-wheels

### OPERATOR INTERFACE

- Pannello grafico 5.7" QVGA Color LCD – Touch screen  
(with built in memory for jobs storage)

## ROTODÒ Log Stacker for signatures



**SOLEMA**

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C.C.I.A.A di BG R.E.A. n° 200430 - Registro Imprese n° 01378420168

**SOLEMA**

## INFEED CONVEYOR



**INFEED CONVEYOR:** Adjustable in height to be connected to any type of folder or at the exit of printing machines with signatures delivery. The round belt conveyor is endowed with a side adjustment to allow the positioning of the single signature or continuous stream in the center of the machine.

## SINCRÒ



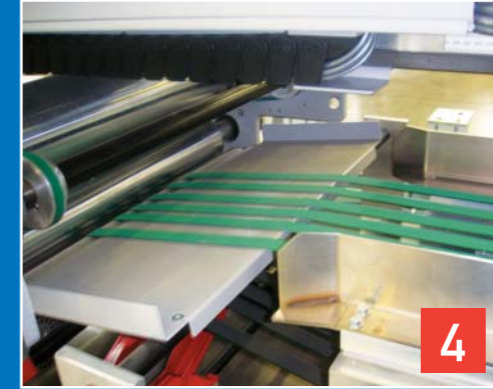
**SINCRÒ (OPTIONAL):** Signature's merger from 2 to 1 line made of round belts. It is endowed with side adjustment device for properly center the product. Created to merge from 2 to 1 exit.

## HIGH PRESSURE PRESSING STATION



**HIGH PRESSURE PRESSING STATION (OPTIONAL):** The additional pressing station, placed between the infeed conveyor and the stacker, allows a perfect pressing even with the more difficult papers. The a.m. is made out of two pressing rollers with a diameter of 190 mm easily adjustable by mean of hand-wheels.

## PRESSING – JOGGING



**PRESSING – JOGGING:** The Rotodò, has a built in pressing station composed by two steps, where the first two rollers with diameter of 80 mm takes the air out and the following two with diameter of 160 mm deliver a high pressure to the paper. The elimination of the air between the pages ensure an easier handling in the following processing. After the second pressing, the signatures are shingled and jogged by means of the harmonious movement of the eccentric jogger.

## FORMATION OF THE VERTICAL ROW



**FORMATION OF THE VERTICAL ROW:** By means of flat belts with minimum friction the signatures are transported to the upper level where they are set down vertically on their spine forming a row and they are transported forward on toothed belts. In order to minimize the pressure between the signatures and with that eliminating the risk of marking, in the "set down" area is mounted a system that through his alternated movement works as a cushion. The separation of the row is done through a special device (patented) that divide the part of the product necessary to the formation of the bundle, allowing the pusher to drive it toward the exit.

## PRESSING – STRAPPING



**PRESSING – STRAPPING:** The bundle that has been driven to the exit, will find at its ends the boards that has been previously manually positioned from the operator. Through the "two hands" control the pressing and the strapping are activated (pressure weight and strap tension can be adjusted). The bundle is then ready to be picked up.

## AUTOMATIC BOARD FEEDER



**AUTOMATIC BOARD FEEDER (OPTIONAL):** This application allows to optimize the Rotodò automation, helping the operator and increasing the productivity possibilities.

**R**otodò is an horizontal bundle stacker for signatures, ideal to be positioned behind any type of folding machine at the exit of printing machines with signatures delivery.

The system allows a perfect bundle formation, thanks to its integrated automation and to the short set up times that create a clear advantage. The productivity both in the folding phase as well as in the following operation are also strongly increased from the high quality of the bundles.

The continuous jogging together with the action of the pressing station built into the machine for eliminating the air inside the signatures allows the preparation of an homogeneous and uniform bundle.

Its dimensions are contained thanks to the system working on two levels that makes the stacker compact, dynamic and accessible in every area.

This stacker guarantee a smooth and continuous production flow and maximum cost effectiveness, lowering of the waste and easy management of the product, allowing a quick payback of the machine.

