

› INCORPORATING RODA

ANDAX-WIDE

Automatic Partition Assembler
(corrugated board partitions)



SOLEMA

JUMBOLINO



Longitudinal elements have to be fed in vertical position onto the conveyor belt, among the two side guides. The elements are kept upright by a pressure system and moved to the injection area by means of belts. The new feeding system ensures a perfect and always perpendicular injection of the elements into the channels below.

LONGITUDINAL ELEMENT'S PROCESSING



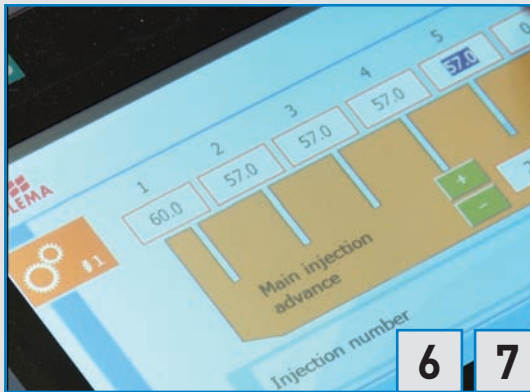
Longitudinal elements after to be fed, (injection by means of a short stroke piston and two high speed rollers), are hold onto the longitudinal channels of the machine. A system with belt and modular pushing bars drive the elements toward the interlocking area under the cross elements storage.

COLLAPSER (optional)



After assembly, the partitions can be collapsed (automatically folded flat), counted and divided into batches and delivered onto a delivery table ready to be packed by means of the COLLAPSER automatic delivery device (OPTIONAL).

TOUCH SCREEN / ELECTRICAL CABINET



The machine is controlled and operated from the touch screen panel installed on the electrical cabinet. From this HMI the operators process and save the data related to the different partitions, like number of cuts in the longitudinal element, motors's speed, injection timing, etc

ANDAX-WIDE is a very robust and versatile machine designed for the automatic assembly of corrugated board partitions.

It can handle all types of corrugated board, from E-flute to double wall including microwave and twin dual, with maximum consistency and productivity.

The machine is manufactured from **SOLEMA** and integrate the best of the 70 years **RODA** technology and expertise in the construction of highly reliable assembly machines.

ANDAX-WIDE is endowed with PLC with touch-screen interface for job setting. It enables the possibility of saving all parameters of the specific products to be recalled in case of repetitive work, minimizing the machine's set up time.

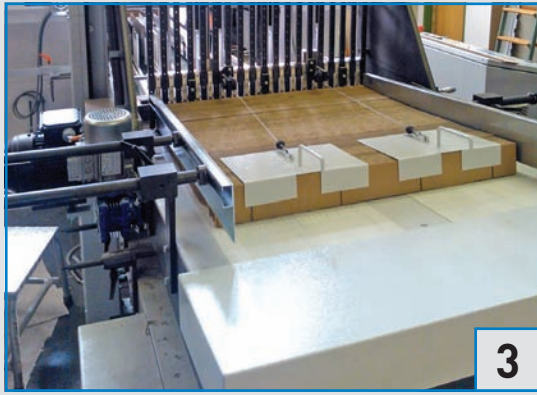
Production rates up to max. 35 partition sets/minute (depending on product's sizes).

Machine is delivered in standard configuration with six longitudinal channels and the possibility of inserting up to twenty-four cross elements.

For an optimized running speed and productivity the machine can be optionally supplied with:

- **Longitudinal channels:** upon request additional channels can be added to the existing ones
- **Collapser:** automatic folding, counting and batching of assembled partition on a delivery table

CROSS ELEMENTS PROCESSING

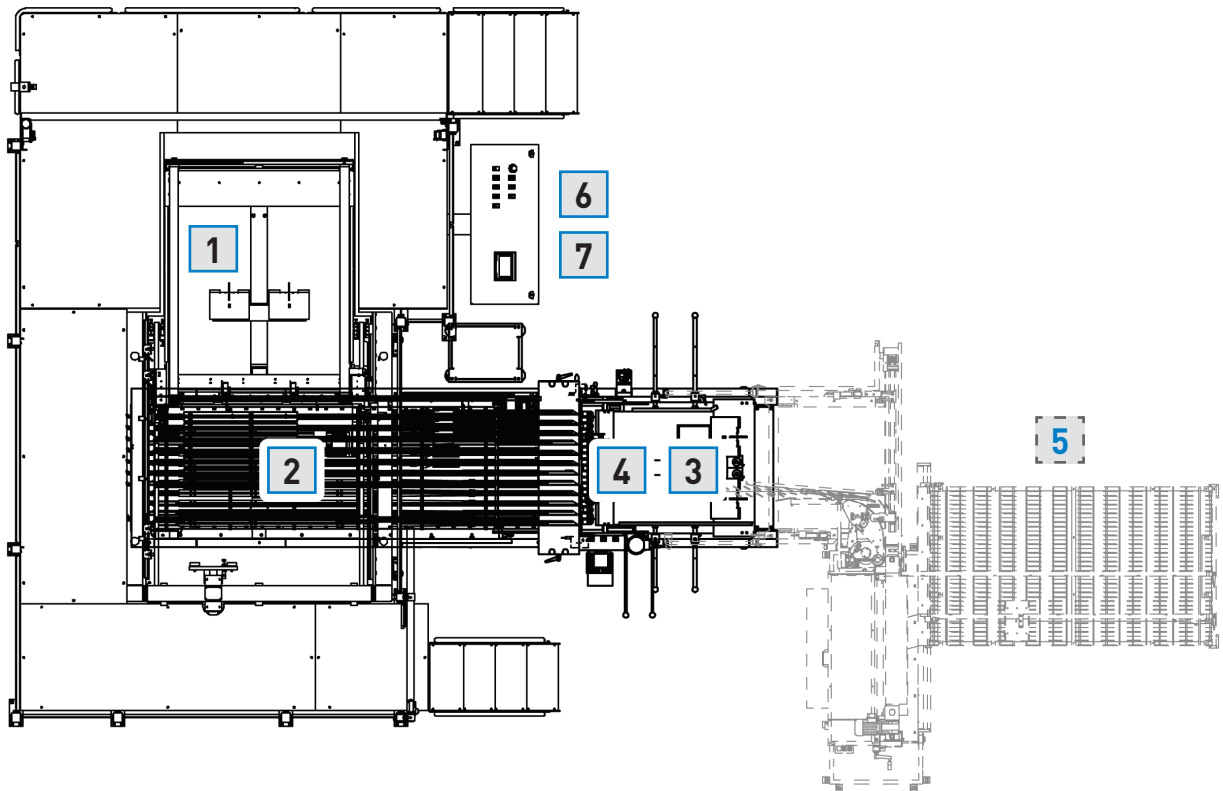


Cross dividers feeder is built on the top of interlocking area, in the middle of the machine. The elements are kept upright by a pressure system and moved to the injection area by means of belts.

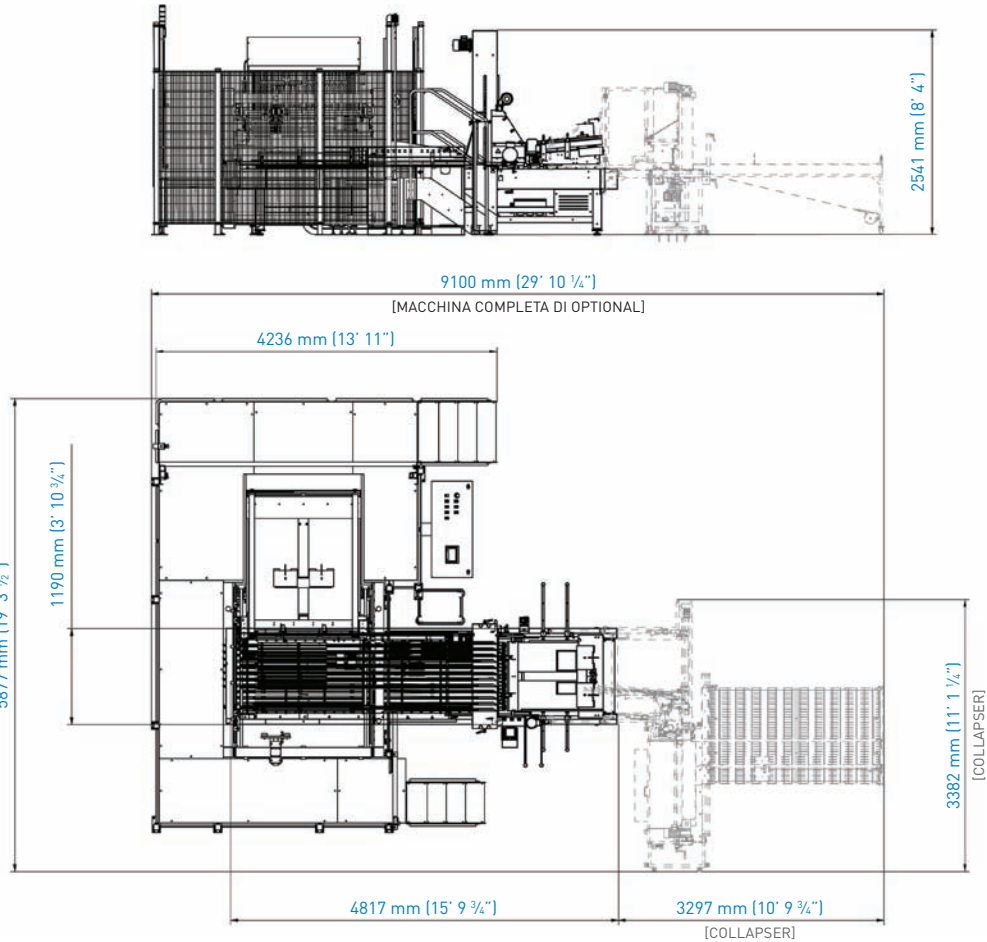
LONGITUDINAL / CROSS ELEMENTS INTERLOCKING



Once longitudinal elements reaches the correct position, they are detected from a photocell which activates the short stroke piston that pushes cross elements through two high speed running rollers to ensure a precise penetration of cross elements through the longitudinal ones.



ANDAX-WIDE



■ total weight with optional units approx. 5500 kg (12.125 lb)

TECHNICAL DETAILS

PRODUITS

- E — BC flutes, min. 1.6 mm ($\frac{9}{128}$ "

SPEED

- max. 35 partitions/minute

MAIN BELT SPEED

- min. 5.4 m/minute (17 ft/minute) — max. 32.5 m/minute (106 ft/minute)

CHANNELS PER LONGITUDINAL ELEMENTS

- standard version: 6
- on request: up to 10

INJECTIONS PER TRANSVERSAL ELEMENTS

- standard version: 24

LONGITUDINAL ELEMENTS LENGHT (A)

- max. 1200 mm ($47 \frac{1}{64}$ "

TRASVERSAL ELEMENTS LENGHT (B)

- max. 850 mm ($33 \frac{30}{64}$ "

PARTITION'S HEIGHT (C)

- min. 65 mm ($2 \frac{36}{64}$ " — max. 400 mm ($15 \frac{48}{64}$ "

CELL DIMENSION (D — E)

- (D) min. 35 mm ($1 \frac{24}{64}$ "
- (E) min. 15 mm ($\frac{38}{64}$ "

COLLECTION TABLE COLLAPSER

- max. bended partition lenght 1150 mm ($45 \frac{5}{32}$ "

ELECTRICAL REQUIREMENTS

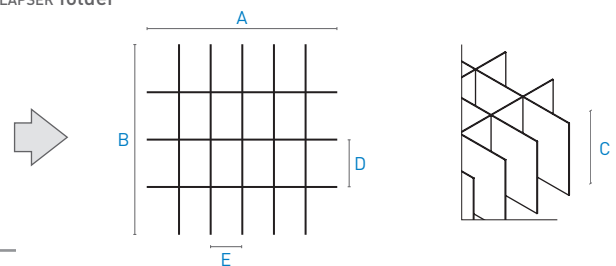
- electrical power supply: 3 × 400 V PE 50 Hz
- controls voltage: 24 V DC

PNEUMATIC SYSTEM

- pressure: 6 bar

OPTIONAL DEVICES AVAILABLE

- COLLAPSER folder



> PERFORMANCES DEPEND ON PRODUCT'S SIZES, PRODUCT'S QUALITY AND OPERATING CONDITIONS

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