

› INCORPORATING RODA

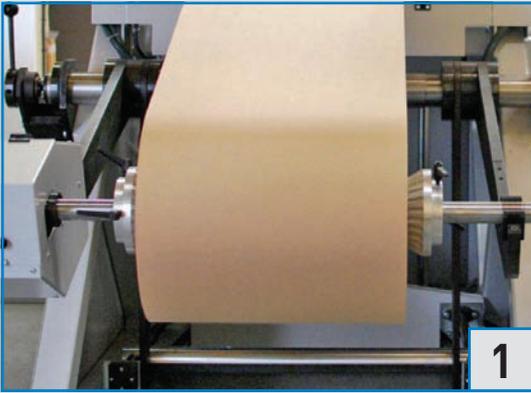
MULTIROLL-CUT F.L.

Pads and Partitions in Solid Board



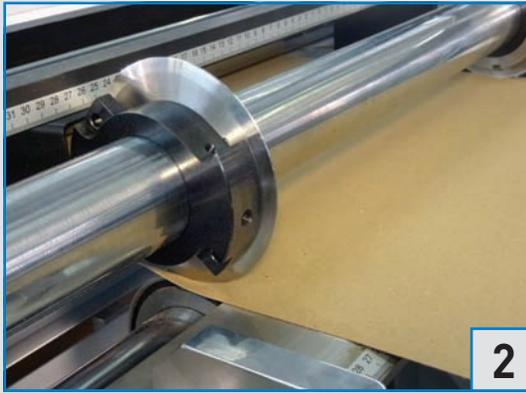
SOLEMA

UNWINDING UNIT



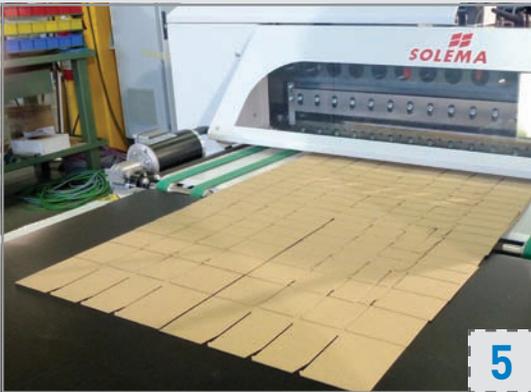
For easier reel's loading/unloading, the unwinding unit is equipped with an air shaft. The station is composed of centering rings, reel holder brake, fold straightener and eccentric rollers, helping the cardboard during the unwinding to be always aligned, to optimize production speed and eliminate bowing fold from the cardboard and assure correct pressure on it.

LATERAL WASTE TRIMS AND BUFFER



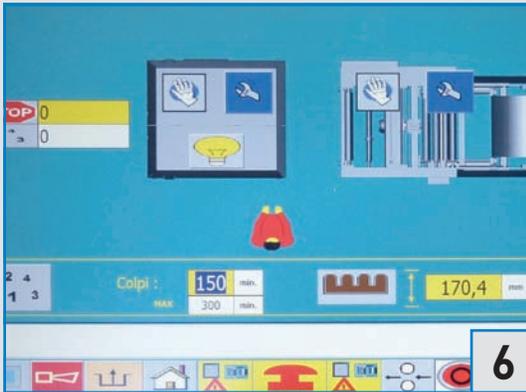
Out of the unwinding unit, two rotary knives cut the lateral waste trims of the reel. Following, a photocell located after the knives stops the reel's unrolling when a certain stock is reached (board's buffer) and then it starts again when the buffer is exhausted.

COLLECTING CONVEYOR



Cut pieces are orderly shingled out onto the collecting table. A roller system, in front on the table, allows a correct forming of the pieces. Thank various setting present on the machine the operator can chose to select on collecting table exit continuous or of bundled cut pieces.

TOUCH SCREEN



Control panel is installed on the electrical cabinet to set the different working process.

Designed for accurate, high speed production of solid fiber partitions, pads and strips directly from the reel.

MULTIROLL-CUT F.L. is an automatic diecutting unit, select with an electronic indexing drive, allows adjustments to be made without stopping the machine.

Diecutting unit is available select from a wide variety of standard partition slotting and pad cutting tools.

Reel stand, equipped with powered reel unwind and hydraulic lifting system.

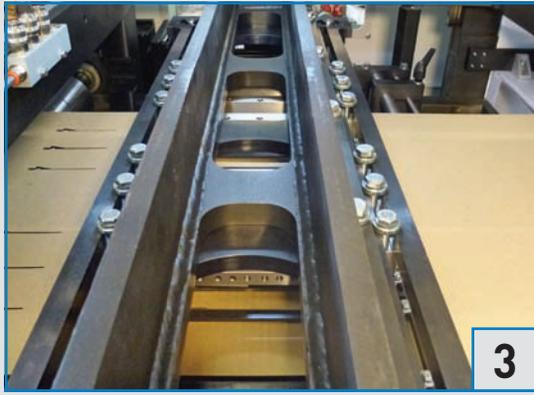
Fully automatic operation, no need of operator.

Only one person may be required to collect the final product.

FINISHED PRODUCT

- STRIPES
- PADS / PROTECTIVE PADS
- PARTITION'S ELEMENTS
- 'U' ELEMENTS

DIE-CUTTING UNIT



The machine is equipped with an upper/lower die where the punch and blade are collocated. As the cardboard passes, the upper die descends and is inserted in the lower die, leaving a score in the cardboard; then it returns up and prepares for another cycle. On request we can provide customized die.

CROSS CUTTING BLADES

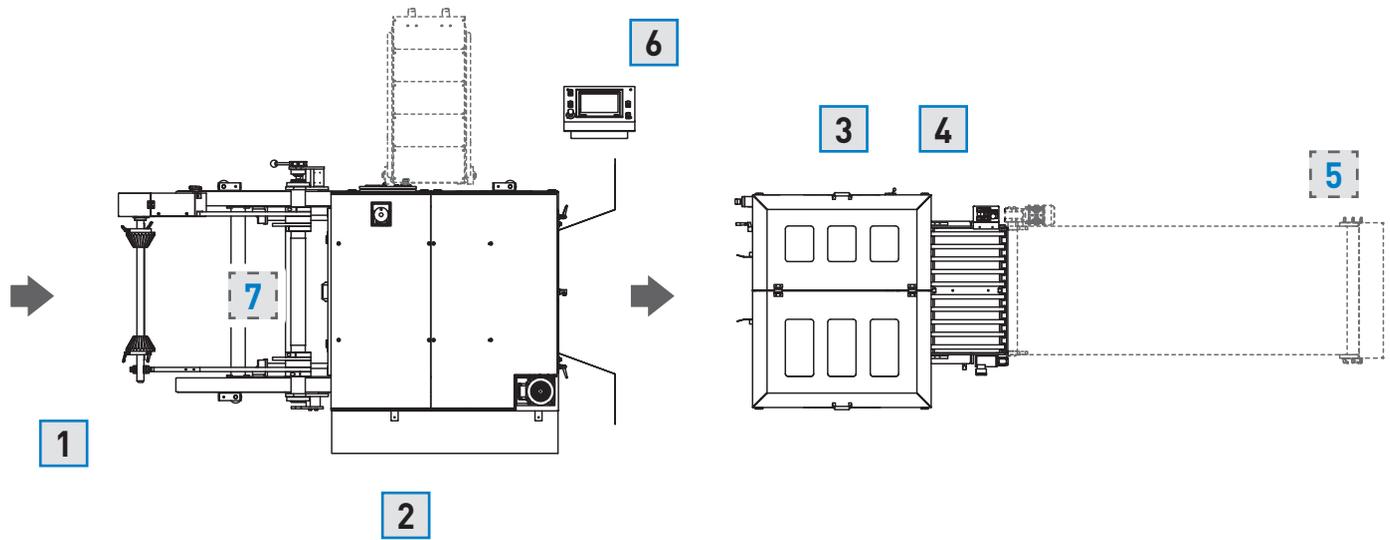


Crosscut is done by two superimposed blades that moving upwards (lower blade) and downwards (upper blade) cut the sheet crosswise. Cutting speed is set automatically and each time the blades open up, an impulse is given by the photocell to the drive, instructing to advance the sheet.

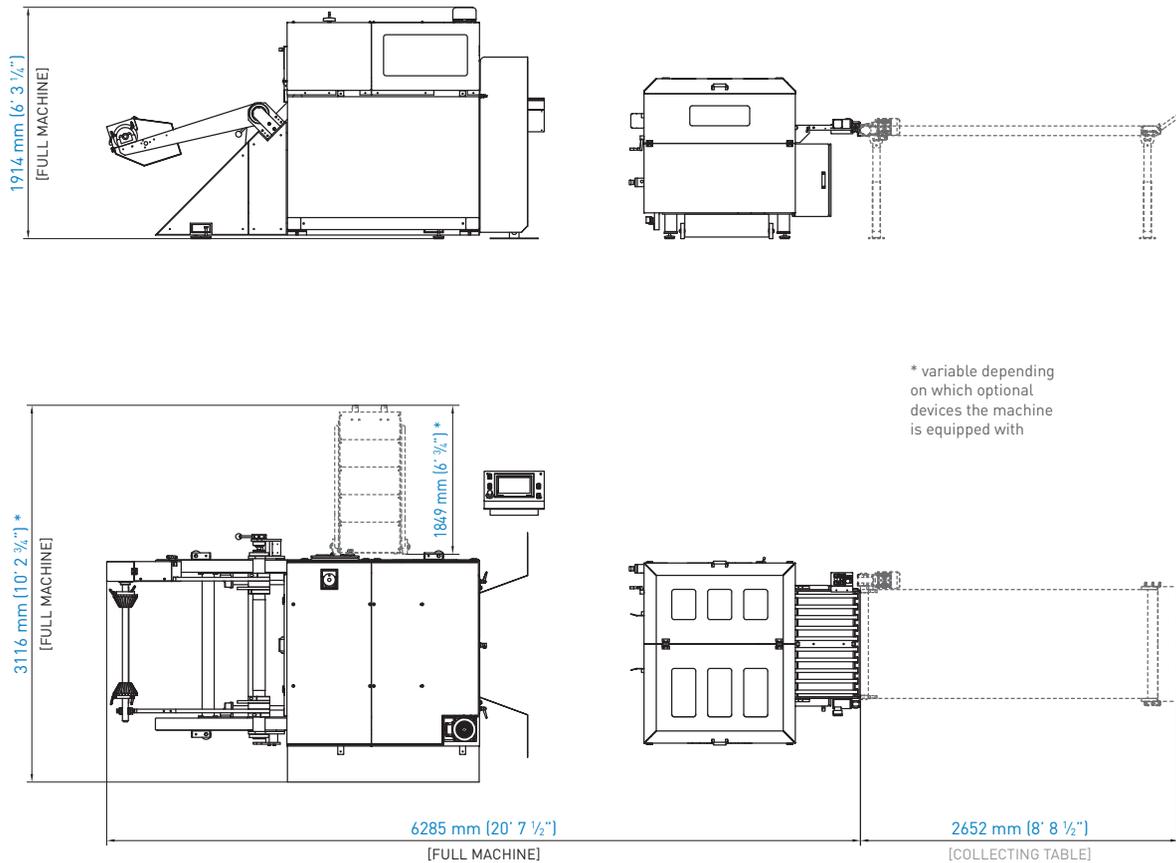
PRINTING DEVICE

A special equipment allows to print logos, references on the cut material.

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MULTIROLL-CUT F.L.



■ weight without reel approx. 3200 Kg (7055 lb)

TECHNICAL DETAILS

UNWINDING UNIT

- reel width:
min. 100 mm [3 60/64"] — max. 710 mm [27 61/64"]
- reel diameter:
max. 1500 mm [59 4/64"]
- reel core diameter:
min. 200 mm [7 7/8"] — max. 300 mm [11 52/64"]
- board thickness:
min. 0,5 mm [3/128"] — max. 1,2 mm [1/128"]
- reel weight:
max. 1000 kg [2200 lb]

PRODUCTION WITH DIE-CUT

- cutting length:
min. 38 mm [1 1/2"] — max. 400 mm [15 3/4"]

PRODUCTION WITHOUT DIE-CUT

- cutting length:
min. 10 mm [25/64"] — max. 500 mm [19 5/8"]

SPACE BETWEEN SCORES

- min. 30 mm [1 12/64"]

CUTTING RATE

- max. 235 cuts/minute

ELECTRICAL REQUIREMENTS

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

PNEUMATIC SYSTEM

- pressure: 6 bar

OPTIONAL DEVICES AVAILABLE

- COLLECTING TABLE
- PRINTING DEVICE
- WASTE CONVEYOR
- TROLLEY FOR DIE-CUT BEDS
- SCORING / PERFORATING DEVICE