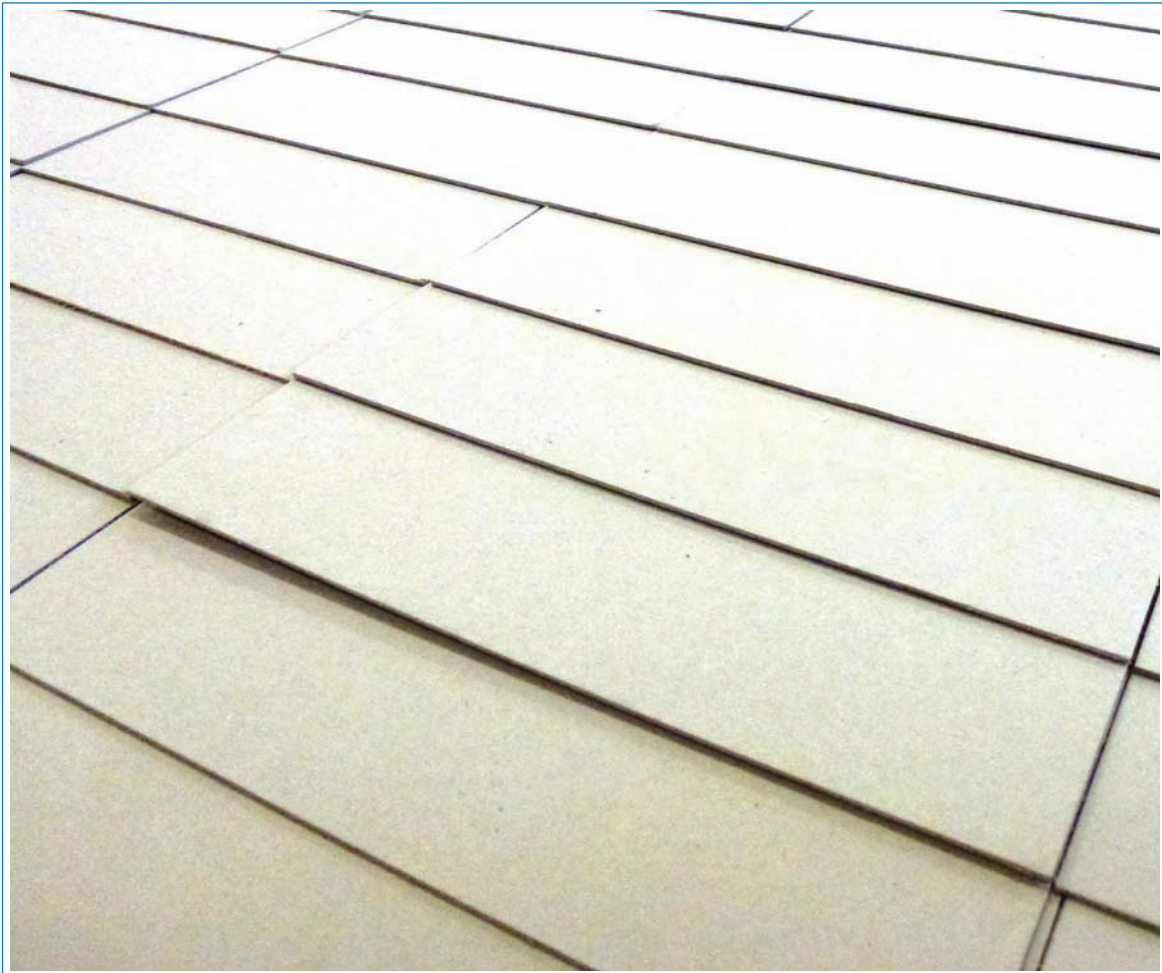


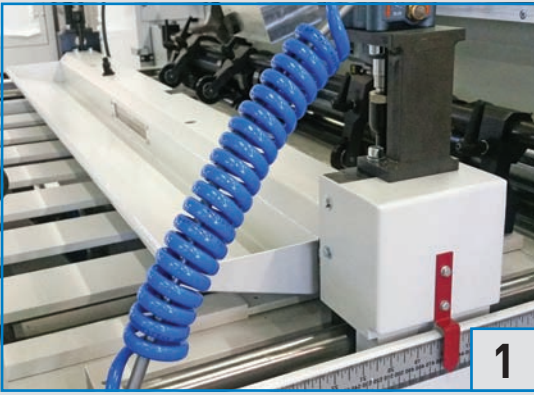
› INCORPORATING RODA

IDEALGANDRIA

Perfect Square Cut

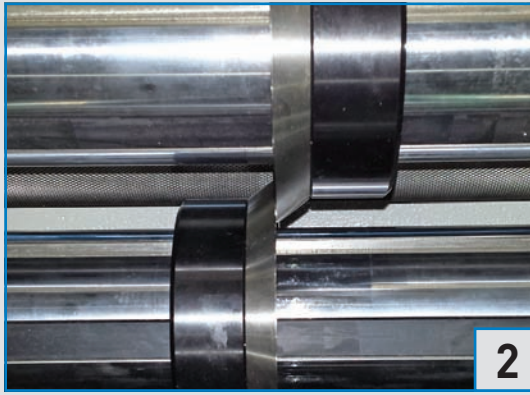


FEEDING TABLE AND PNEUMATIC SYSTEM



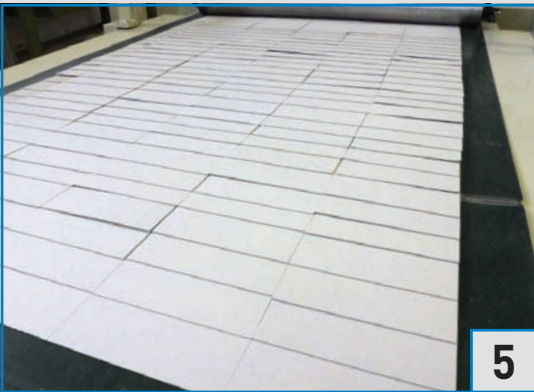
1
Product is fed into the machine by hand. The open space helps the operator to load the product and check sheet advance. All adjustments are easily accessible. A pneumatic system automatically adjusts the infeed roller nips to the caliper of the material being-processed.

ROTARY SLITTING KNIVES



2
Knives are positioned manually along their respective shaft and locked by means of a screw acting on a longitudinal key. Knives and knives holders can be supplied splitted in two halves to make the exchanging process faster.

COLLECTING CONVEYOR



5
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 to various setting on the machine the operator can choose to select on collecting table exit continuous or of bundled cut pieces.

TOUCH SCREEN / ELECTRICAL CABINET



6 7
Machine is controlled and operated from the touch screen panel installed on electrical cabinet. From this HMI the operator processes and save data related to the different products to be recalled for the next production.

SOLEMA IDEALGANDRIA is designed for accurate, high volume production of pads for books, in solid board or corrugated blanks used for various types of fillings and protections. The machine allows fast and precise cutting of corrugated board, solid fiber board, padded board/press pan, acetate, foam and plastic materials with different thicknesses.

SOLEMA IDEALGANDRIA is a machine integrating RODA technology that offers many advantages and unique points integrated into the same machine. All the processes are possible within an automatic single pass operation reducing labor costs. Moreover, the ability to process two sheets in a single pass when cutting corrugated board, can double the productivity. Every piece is cut absolutely square, due to unique combination of slitting and crosscutting in a single pass while the board is always positively held and driven. The electronic sheet advance controlled via electrical shaft provides absolute crosscut repeatability.

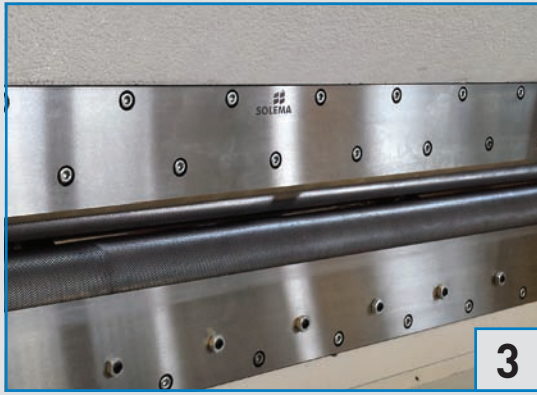
SOLEMA IDEALGANDRIA cut technique delivers only clean and sharp edges, without dust, and trim waste is automatically ejected from the delivery table. The machine is ideal for long runs but also, thanks to the simple and fast set-up, very versatile for short runs. Sheet advance is adjusted at the operator display, mounted on the electrical cabinet. Job length changes and fine-tuning can be carried without stopping the machine. Real-time production data is displayed automatically on the screen.

SOLEMA IDEALGANDRIA compact design reduces floor space requirements and keeps the all machine easily controllable from the operator.

FINISHED PRODUCT

- PADS FOR BOOK'S CASES
- PADDED BOARD
- STRIPES
- PROTECTIVE PADS

CROSS CUTTING BLADES



Crosscut is done through two superimposed blades that move upwards (lower blade) and downwards (upper blade), cutting 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.

WASTE CONVEYOR BELT

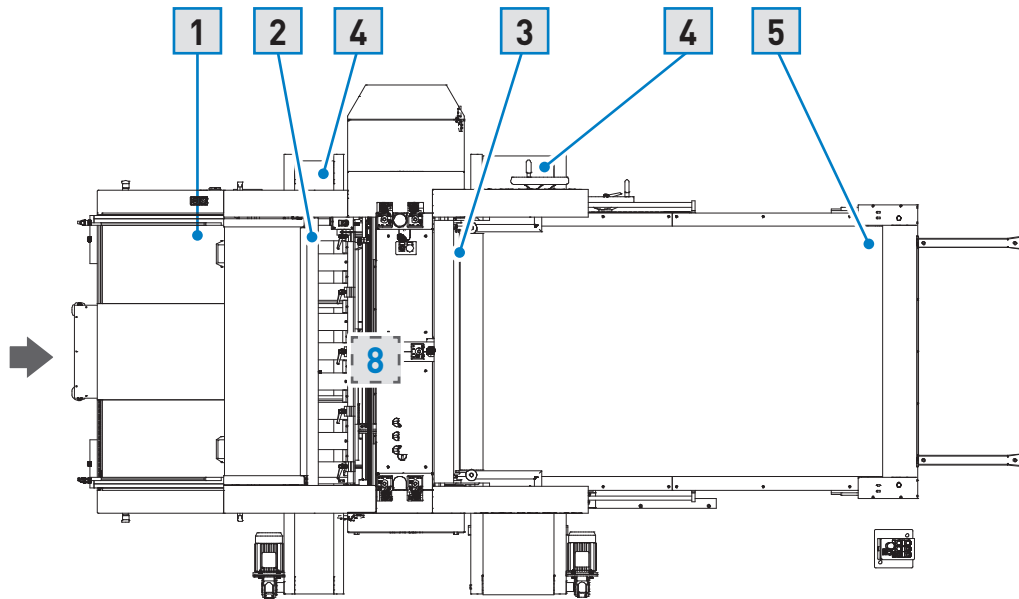


Every cutting operation produces scrap which are removed by a conveyor located under the machine. Lateral scraps are carried with a roller system (waste remover) to the scrap chute and then ejected by the same conveyor belt.

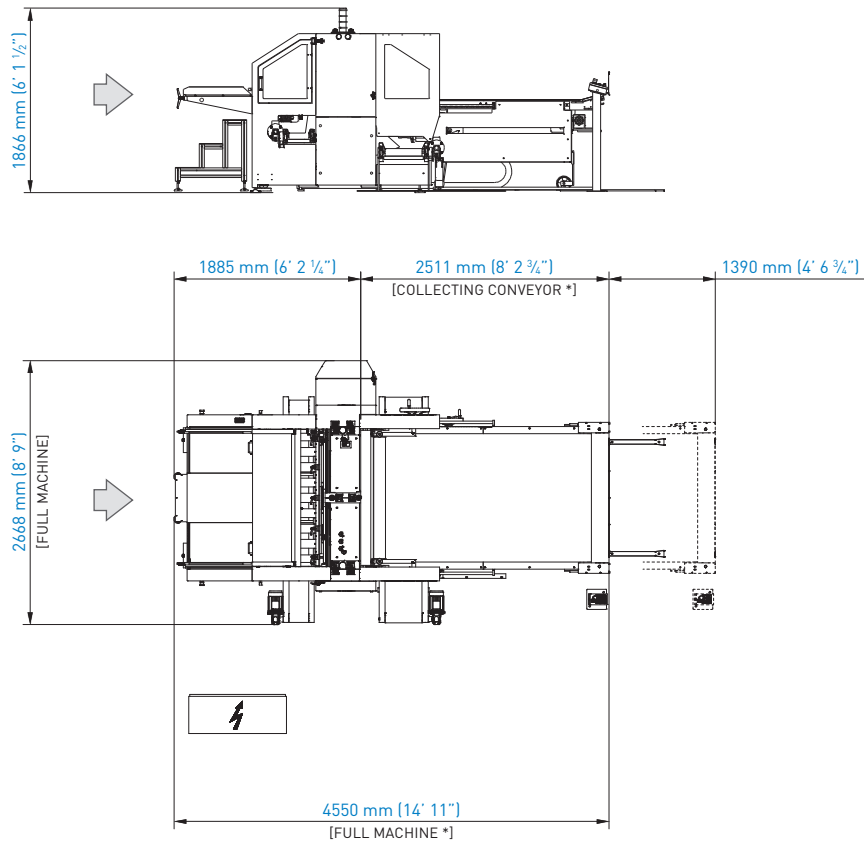
LASER MEASURING (opt.)

Machine can be endowed with an optical measuring device with digital scale to speed up the rotary slitting knives' set up process.

8



IDEALGANDRIA



* variable depending on length of delivery table; dimensions can be modified upon request

■ weight approx. 4100 Kg (9038 lb)

TECHNICAL DETAILS

WORKING WIDTH

- max. 1300 mm [51 3/16"]

CROSS-CUTTING LENGTH

- min. 5 mm [13/64"] — max. 700 mm [27 3/16"]

CROSS-CUTTING PRECISION

- ±0,2 mm [1/128"]

BOARD THICKNESS

- solid board: min. 0.75 mm [1/32"] — max. 4 mm [5/32"]
- corrugated board: max. 10 mm [25/64"]

DISTANCE BETWEEN CIRCULAR KNIVES

- min. 50 mm [1 3/32"]

THROUGHPUT

- max. 132 cuts/minute with an advancement length of 5 mm [13/64"] speed is related on cross-cutting length; pieces obtained with a cross-cutting length less than 60 mm [2 3/8"] are collected onto waste conveyor

SET-UP TIME

- for each pair of slitting knives: 1 minute
- for advancement: 1 minute
- job change scrap removal / clean up: 3 minutes

ELECTRICAL REQUIREMENTS

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

PNEUMATIC SYSTEM

- pressure: 6 bar

OPTIONAL DEVICES AVAILABLE

- Air shafts for easier rotary knives set-up
- Laser measuring for tools positioning
- Additional waste conveying

EXTERNAL DEVICES AVAILABLE

- SB-FEED (automatic feeder from pile)
- B-PAL (palletizer)
- QUADRO (stacker)

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



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