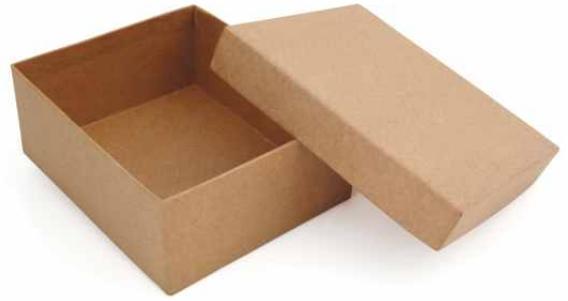


BOXMAT PRO

Automatic All-In-One box making machine

- No need for special tooling or dies
- Ability to make up to 1200 boxes per hour
- Cutting off glue flaps
- All settings done from 12" touch screen panel
- Precise one step formatting of blanks (length & width)
- Unlimited length of corrugated boards
- Cardboard feeder
- Surface encoder ensuring accuracy and repeatability
- 4 creasing wheels and 4 cutting knives
- Soft grip rollers
- **NEW** Additional equipment available:
automatic stacker, multiproduction availability,
scoring rolls, v-cut capabilities and more





www.boxmatpro.com



www.zemat.com

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BOXMAT PRO - overview

- Boxmat PRO is the most advanced and universal machine revolutionizing the short run and serial production process of corrugated cardboard boxes.
- All settings are entered directly from the touch screen panel thanks to a tool and die free setup. In less than one minute you can reprogram the machine for any of the 100 FEFCO styles.
- Slitting, creasing, removing excess board and glue flaps is all done in one pass on one compact machine - without the need for additional modules!
- The machine makes boxes out of single or double wall corrugated cardboard.
- 4 longitudinal cutting knives plus 4 creasing wheels automatically set by servodrives to suit the size and thickness of the board. The cardboard is centrally positioned with auto-guides. Soft grip rollers and solid input/output shafts provide precision board feed control and prevent skewing.
- The innovative system of rotary knives installed in the rear cutting/creasing section allows for bi-directional board size adjustment without the need for precutting the blanks to the exact size on a separate machine or module.

Features:

- Slotting, bi-directional creasing/scoring and excess board removal, all in one cycle
- One integrated servo-driven assembly for slotting, cutting and creasing - eliminating production errors common with other multi-modular machines
- Very fast machine setup with touch screen HMI and preprogrammed FEFCO styles or Free Style mode (less than 1 minute change over)
- Longitudinal creasing function and board size formatting
- 4 longitudinal cutting knives plus 4 creasing wheels set with touch screen HMI
- Optional: 4 extra cutting knives
- Sectional slotting knives 5 x 100 mm (up to 1400mm)
- Symmetrical measuring of blanks from the center of machine
- Eco-friendly low energy power supply
- All setup functions, styles, creasing depth etc. controlled from touch screen HMI
- Automatic board feeder with soft grip rollers
- Vibration absorbing support feet
- Built in secure VPN connection for HMI allowing remote calibration and update
- Optional use of perforation knives
- Easy and fast replacement & change of creasing/scoring wheels and cutting knives

Under 60 sec.
set-up time



Low power
consumption



OVER 100
BOX STYLES

1200
up to
boxes per hour

Technical specification

BOXMAT PRO

| | |
|----------------------------------|--|
| Material | single or double wall up to 7 mm |
| Power supply | 3 x 380/415/480 V; 50-60 Hz |
| Controls voltage | 24 VDC |
| Installed power | max. 3.5 kW |
| Working pressure | 0.4 - 0.8 MPa |
| Efficiency | up to 1200 sheets per hour* |
| Work modes | 60+ preset FEFCO styles and free style for greater flexibility |
| Recipe memory | unlimited number of stored recipes |
| Maximum board size | 2400 mm width x unlimited length |
| Minimum board size | 250 mm width x 650 mm length |
| Distance between slotting knives | 70 - 2000 mm (with 200 mm knives) |
| Width of slot | 8 mm |
| Minimum panel size | 25 mm |
| Glue flap | 35 mm, cut off with circular knife |
| Machine dimensions | 3400 mm x 1600 mm x 1600 mm (L x W x H) |
| Weight | 2800 kg |

* in multiproduction mode



Contact:

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/ZematTG /ZematTG

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Boxmat PRO fully comply with CE regulations, FCC and OSHA standards.