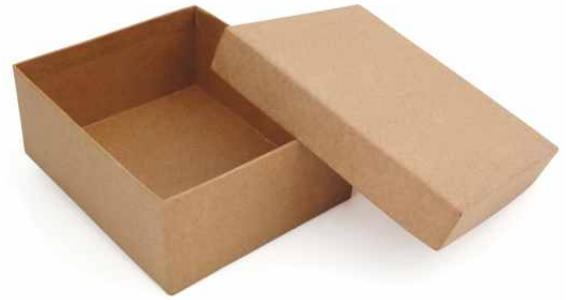


BOXMAT 2

Semi-automatic box making machine

- Up to 700 boxes per hour
- Preprogrammed FEFCO box styles
- 12" touch screen control panel
- Precise one-step forming of boards (width)
- Unlimited length of corrugated boards
- Cardboard feeder
- Surface encoder ensuring accuracy and repeatability
- 2 creasing (scoring) wheels and 3 cutting knives
- Soft grip rolls for board linear movement control
- Glue flap excess cut out
- Easy setup and fast changeover between production runs
- No need for special tooling or dies




BOXMAT 2



Made in European Union

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BOXMAT 2 - overview

- Boxmat 2** is a boxmaker specially designed for production of short to medium runs of RSC corrugated boxes. With less than 60 seconds setup time, the machine can make boxes of virtually any size and style: from regular small boxes to large wraps and pallet boxes.
- Boxmat 2** is designed for companies requiring in-house production of corrugated boxes and flexibility of a quick box size change. 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.
- The use of **Boxmat 2** machines allows efficient manufacturing of a single box or hundreds, depending on the demand. With a maximum cardboard width of 2500mm and no restriction on length, **Boxmat 2** can produce large or small boxes with ease. 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 set up a preprogrammed corrugated style FEFCO boxes in any size or the style stored in internal memory (over 1000 recipes capacity). Machine is equipped with 12" touch screen panel with dedicated unique software.
- The blank sheet is positioned to the left edge with automatically set bumper. This feature allows for the use of razor blade knife for cutting off the cardboard excess and glue flap. Board size adjustment is made without the need for precutting the blanks to the exact size (on a separate machine). Soft grip rolls and solid input/output shafts provide precision board feed control and prevent skewing. The use of a special anti-slip feeder assembly preventing cardboard skewing allows smooth and even feed through of small and large blanks. The slotting and creasing assembly has a special hardened steel feeding roll for increased precision and extended productivity.
- Boxmat 2** (and much more advanced **Boxmat PRO**) are the most modern machines providing such capabilities and ease of use while maintaining competitive and good price. Furthermore they allow to lower the logistics costs since there is no need to order large quantities of one size boxes to have low cost.

Features:

- Slotting, bi-directional creasing/scoring and excess board removal, all in one cycle
- One integrated 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
- 2 longitudinal cutting knives, 2 creasing wheels and ability to use creasing/scoring wheels in different shapes
- Blank board excess trimming knife
- Eco-friendly low energy power supply
- Setup functions, FEFCO styles, creasing depth etc. controlled from touch screen HMI
- Vibration absorbing support feet
- Built in secure VPN connection for HMI allowing remote calibration and update

Under 60 sec.
set-up time



Low power
consumption



OVER 40 BUILT-IN
STYLES
FEFCO

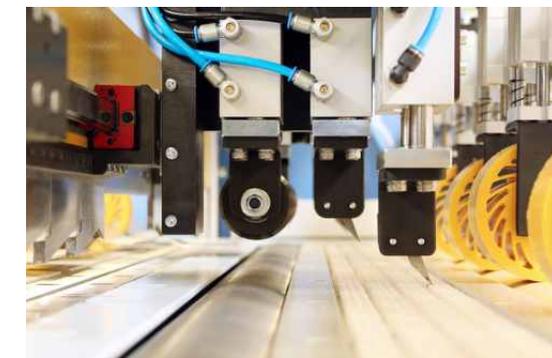
up to 700
boxes per hour

Technical specification

BOXMAT 2

Material	3 or 5 layer corrugated cardboard of thickness up to 7 mm
Power supply	3 x 400V ± 10%; 50-60 Hz
Controls voltage	24 VDC
Installed power	max. 3.5 kW
Working pressure	0.4 - 0.8 MPa
Efficiency	up to 700 boxes per hour
Work modes	40+ preset FEFCO styles and free style for greater flexibility
Recipe memory	over 1000 recipes
Length of slot	500 mm (L)/500 mm (R) - sectional knives, 100 mm each section [max. 700 mm (L)/700 mm (R) - option]
Min./max. distance between creasing wheels	60 mm/1500 mm [max. 2200 mm with knives: 100 mm (L)/200 mm (R) - option]
Maximum board size	2500 mm width x unlimited length
Minimum board size	250 mm width x 550 mm length
Width of slot	7-8 mm
Minimum panel size	20 mm
Glue flap	ability to set glue flap length
Machine dimensions	3400 mm x 1400 mm x 2000 mm (L x W x H)
Weight	ca. 2200 kg

**Boxmat 2 fully comply with CE regulations.
Machine designed and produced in POLAND (European Union).**



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