BOXMAT HD

Most Advanced Corrugated
BOX MAKING SYSTEM

The BOXMAT HD is the newest heavy-duty corrugated box making system for highly demanding short-run manufacturing processes. This machine can be fully configurable to be used with manual feed, a printer, or a precision corrugated feeder. Select one of the 100 box styles saved and the machine will begin slotting, cutting, scoring, creasing, board trimming, die-cutting and gluing ALL IN ONE MACHINE!

Boxmat Boxmakers allow you to create in-house custom sized boxes to reduce your packaging waste, save you money, and create a better customer experience. Boxmat allows you to package your products more securely to minimize damages and eliminate the need for void fillers. By using a smaller, correct size box, you can improve processes to save on labor and material costs and save valuable warehouse space. Reducing shipping costs with minimized box size and increased sustainability will ready customers for repeat business.

Simply place your corrugated material on your automatic board feeder, choose a preprogrammed box style and enter the box dimensions on your touch screen panel and hit go. Slotting, slitting, scoring/creasing, gluing and printing can all be done in one quick pass on this compact machine - without the need for additional modules!

No Corrugated Cardboard Contracts!

Corrugated Sheets and Optional Fanfold!

BOXMAT HD

Technical Specification

Power Requirements:	220/480 | 20amp service | 3-phase | 50 - 60Hz
Power Consumption:	3.5kW
Air Requirements:	2cfm @ 90psi
Throat Width x Max. Board Length:	94 inches (2400mm) width x 29ft (Sheets)
Dimensions:	Width: 3.61m (142") Depth: 1.91m (75") Height: 2.1m (83")
Weight:	3,800kg (8,360lb)

Features and Benefits

- One pass operation to make a perfect box
- Single, Double wall and Heavy-Duty board
- Finish Single Corrugated Sheets or Fanfold Option
- Counter-knife and counter scoring/creasing system
- Large 19" touch screen HMI
- JQS Job Queue System production scheduling
- Box Design WIZARD
- 3D product scanning can scan dimension and weight capabilities
- MRP/ERP manufacturing integration system
- Manual or fully automatic feed with detachable cardboard feeder
- Intuitive software with APC capabilities and remote control
- All tool nests can handle either scoring/creasing wheels or knives and automatic tool recognition
- Cutting tools are equipped with counter-creasing and counter-knife system
- Ability to set the tools inline, one-after-another, e.g. for double creasing of heavy boards
- Die cutting system with extra built-in beam equipped with two die-cutting units. Each die with a work area of 210x130 mm (8.25x5.1") and independent drives to automatically position
- Switchover time – less than 30 seconds
- Fully automatic servo-drive setup
- Independent drive for each tool nest provides fast position setup
- Minimum distance between tools: 30 mm