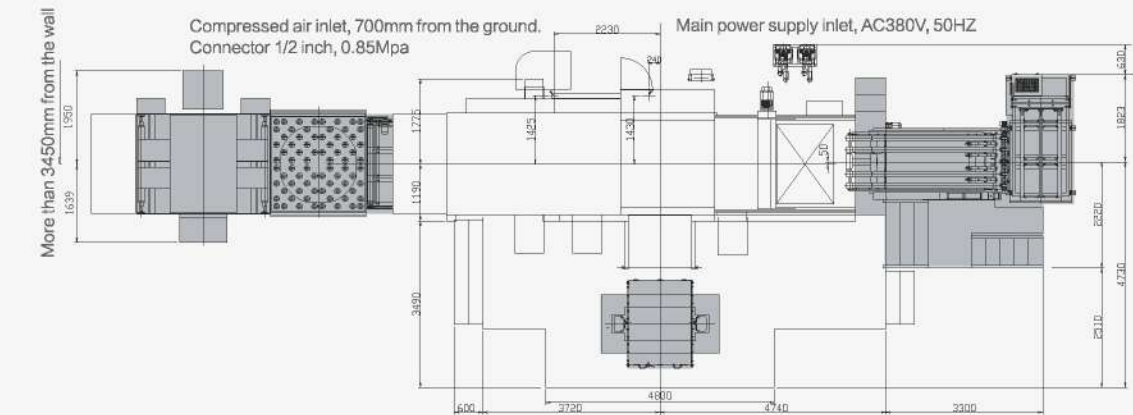


CARTONMASTER®

AP-165E III Automatic Flatbed Die-cutting Machine

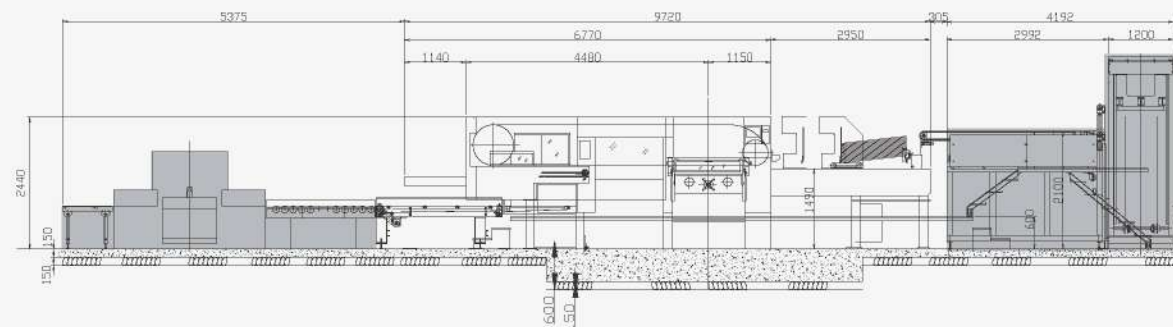
OUTLINE

OPTIONAL PRODUCT



Vertical view ↗

Lateral view ↘



TECHNICAL DATA

Maximum sheet size	1200×1650mm
Minimum sheet size	500×600mm
Maximum cutting size	1180×1630mm
Gripper size	15(±5)mm
Die-cutting Accuracy	±0.5mm
Maximum operational pressure	400tons
Applicable thickness of corrugated board	1-9mm
Maximum speed	6000i.p.h
Required power supply	36KW (main motor 22KW)
Net weight of machine	38tons

The specification is subject to alteration without notice

NANTAI Uphold The Most Advanced Service Concept



To Provide The Completed Excellent Pre-sale & After-sale Service
To Guarantee The Machine Always Keeps At The Best Level



- ★ PRODUCTION & R&D PLANT
- GLOBAL PARTNER



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NANTAI PRECISE MACHINERY & TECH LTD., FOSHAN
(SINO-JAPANESE COOPERATION)

PURSUE INNOVATION & EXCELLENCE



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MAIN MACHINE

- ★ A unique Eccentric Gear Shaft drive transmission with pressurized oil lubrication to maintain stability during the cutting process.
- ★ The Eccentric Gear Shaft is produced by OSAKA Japan using a high quality alloy steel that is processed and treated to enhance the life expectancy and the performance at high speed.
- ★ All of our flatbed die-cutting machine use a special imported Cam Box Indexing unit to ensure accurate transmission of the gripper bars.
- ★ Spike type gripper bars are used to aid the transfer of all materials including warped material and heavy duty cardboard.

FEEDER SYSTEM

- ★ Our latest Servo Drive and Vacuum Suction Belt system (lead edge feeding type) transfers the sheets one by one into the machine from lead edge and each sheet is pushed into register at the gripper bar front lay to achieve perfect registration.
- ★ The smooth action of the feeder eliminates damage to the cardboard caliper and surface whilst maintaining accuracy.
- ★ Variable vacuum is available to assist feeding warped material and the paper leveling backstop helps position the sheets over the front baffle.



CARTONMASTER® AP-165E III Automatic Flatbed Die-cutting Machine

Inheriting Hundred Years' Experience of Die-cutting

The New AP165EIII high speed automatic flatbed die-cutting machine is inherited quintessence of advanced design of hundred years' ASAHI Machinery Ltd, Japan and combined with more than 37 years' processing & manufacturing experience, offering you a new experience of fully computerized high speed die-cutting.

Order change adjustment in **20** seconds
Maximum die-cutting speed **6000** sheet/hour

Whole machine has 14 sets of independent drivers to do auto adjustment, only need to press the order store system at interface, machine can finish the order change adjustment in 20 seconds, highest improve the efficiency of changing order.
Torque limit device inside Cam Box can protect the machine from urgent stop on high speed running due to cardboard block.

CARTONMASTER® AP-165E III Automatic Flatbed Die-cutting Machine

Strongest Points:

- ☆ Manufactured primarily for the corrugated board industry using our latest Lap Feeder system with servo driven vacuum suction belt.
- ☆ Accurate die-cutting from micro flute material up to double wall corrugated.
- ☆ Full stripping is available by use of our stripping section and grip edge waste removal device.
- ☆ Designed to be flexible and adaptable for small and large format production.
- ☆ Built using up to date modern safety systems for added security.
- ☆ All function controls are on the exterior of the machine and the die-cutting tools are inserted from outside of the machine.
- ☆ Multi out formats can run with ease using our latest technology in the delivery section.

OPTIONAL PRODUCTS

Semi-Auto-Pre-Feeder

- ☆ Maximum stack height is 2300mm.
- ☆ An inline Pile Turner is used to rotate the sheets depending upon the desired print orientation (Top surface printing or bottom surface printing).
- ☆ Additional joggles are installed at the end of the conveyor to control the position of the sheets in the feeder hopper.
- ☆ This pre-feeder is a fixed type unit that is connected to the floor with an extendable conveyor that reaches into the feeder of the flatbed die-cutting machine according to the sheet length.

Turn Table and Breaker

Adaptable unit used to automatically separate the blanks in bundle format to the die-cutting process.
4 piles can be separated in one process using our high pressure hydraulic system.

Chase Loader

The Chase Loader is used to reduce the set up time of the machine by having a second chase that can be pre-set with the next order. The chase frames can be changed efficiently and with ease using the chase loader.