

HIGH PERFORMANCE CORRUGATED DIE-CUTTER

PE1620SA-*Elite*



MANUFACTURER



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- PE1620SA-*Elite* is manufactured by our factory – Shanghai Eterna.
- Shanghai Eterna is located near the city of Shanghai, China.
- Shanghai Eterna was established in 1995 and is specialized in manufacturing fully automatic and semi-automatic die-cutting, foil stamping, folding and gluing machines, along with full line of other post-press equipment for both folding carton and corrugated industries.
- Shanghai Eterna has over 500,000 ft.² of modern manufacturing space along with over 400 production employees and a team of over 50 professional engineers dedicated to its research and development efforts.
- All of its products are certified by CE for reliability as well as production workmanship.
- Nearly 50% of its 260+ machines produced every year are exported throughout the world.
- In 2011, Shanghai Eterna became a member of Bobst Group.

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SPECIFICATIONS

Max. Sheet Size	63.78"x47.25"
Min. Sheet Size	25.6"x17.72"
Stock Range	Board: min. 1 mm (0.04")
	Corrugated: F, E, C, B, A, AB and other flute up to 9 mm (0.35")
Max. Die-Cutting Size	63"x46.46"
Inner Chase Size	64.57"x48.43"
Max. Machine Speed	6,000 sheet/hour
Max. Cutting Pressure	400 Tons
Machine Dimensions (with Catwalk)	36' x 19' x 8.25'
Machine Weight	32 Tons

LEAD EDGE FEEDER



- This specially designed Lead Edge Feeder combines the technology of high speed printing press and advanced European die-cutting machine design into this cutting edge feeder with extremely high precision feeding mechanism.
- High pressure vacuum blower with silencer and AC inverter control volume adjustment, vacuum suction area adjustable according to sheet size.
- Equipped with rear jogger in preparation for future optional in-line pre-feeder in order to improve productivity and decrease labor cost.
- Left and right pneumatic side push guide plates.
- Sheet feeding grid height adjustable according to sheet quality and thickness for smooth and precise feeding.

DIE-CUTTING SECTION



- Specially designed for die-cutting machines, this completely new worm gear and crank shaft mechanism drives the lower platen through toggle mechanism more efficiently, reducing the main motor power by 16% and thus decreasing power consumption.
- Air cushion underneath the cutting plate for easy cutting plate in and out.
- Motorized impression on/off and pressure adjustment with digital mobile platen position and tonnage display.
- Newly designed gripper bar driving index unit with larger motion angle to allow gripper bar starts and stops more gently, thus require less and smaller nicks, makes long run jobs much more stable and not easy to fall apart in order to achieve higher productivity. It is also equipped with overloading protection torque limit clutch.
- Center line system compatible to Center Line II, makes the cutting die and stripping die centered quickly and precisely.
- Chain guide rail use VL compound to improve abrasive resistance and vibration resistance.
- 10.4' color touch screen operation panel gives total control of the machine and graphic display machine parameters, job setting, fault diagnosis and etc., more direct and operator friendly.

STRIPPING



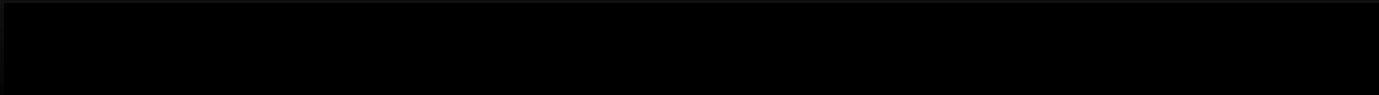
- Stationary middle stripping board coupled with special upper stripping frame movement curve in order to produce extra force at waste nipping point. Ensuring clean waste stripping.
- Gripper bar register finger at stripping outlet ensures the accuracy of stripping.
- Center line system for quick stripping die set up and change over, compatible with Centerline II.
- Push button of gripper opening is added for easy taking out the production sample at stripping section;
- Motorized upper stripping frame increases the operation space, more operator friendly.
- Optional triple action stripping with lower stripping frame and spring loaded pin for precision fine waste piece stripping.
- Lead edge waste removal system removes and carries waste edge outside the machine.
- Full stripping with/without lead edge waste stripping convertible by one button, no tool change, more operator friendly and safe operation.
- Front edge waste stripping tool with longer stroke and superior curve of motion greatly eases the stripping action.

DELIVERY STATION



- Escalator delivery fork with non-stop air cylinder for neat and positive delivery and conveyor belt delivery table to protect the sheets from scratches;
- The bundle delivery table can be prepared for future connection with breaker for in line operation (to be required at order);
- Electrical Batch Counter;
- Spring loaded adjustable chain tension back buffering wheel to maintain the chain tension constantly and smooth gripper bar movements;
- Mechanical cam driven side jiggers and shutter (banana bar), with motorized position adjustment, more accurate and suitable for multi-out die-cutting.

IN ACTION



THANKS FOR VISITING BRAUSSE
FOR FURTHER INFORMATION, PLEASE CONTACT
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