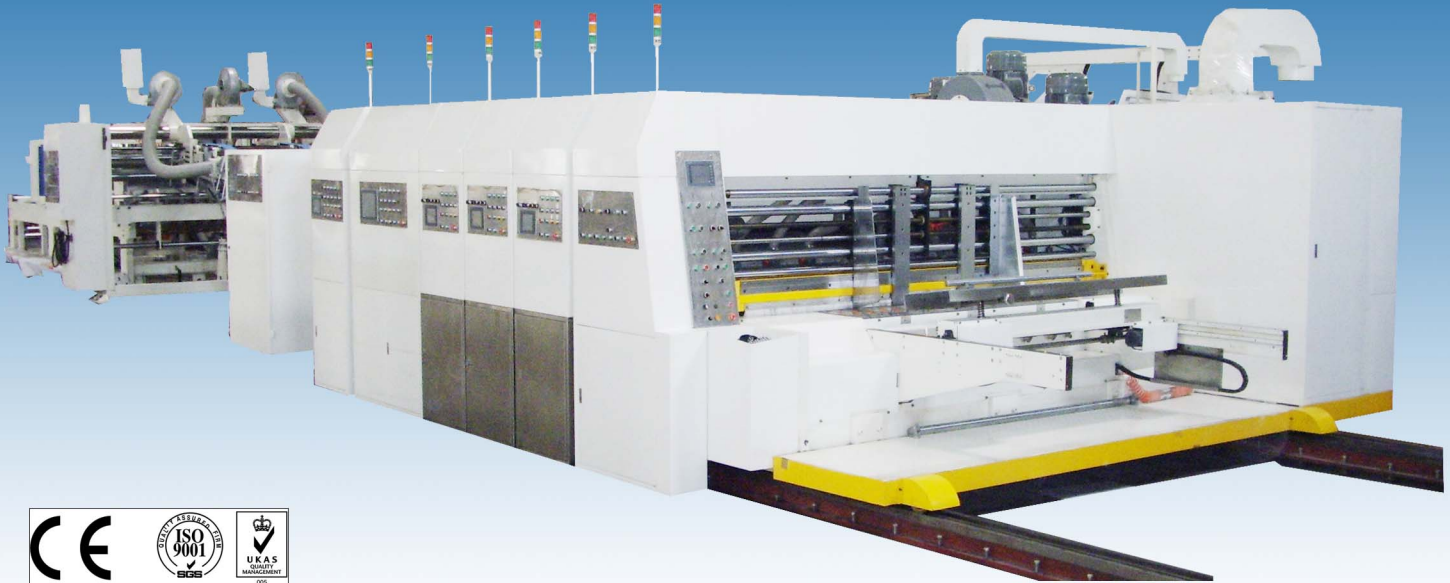
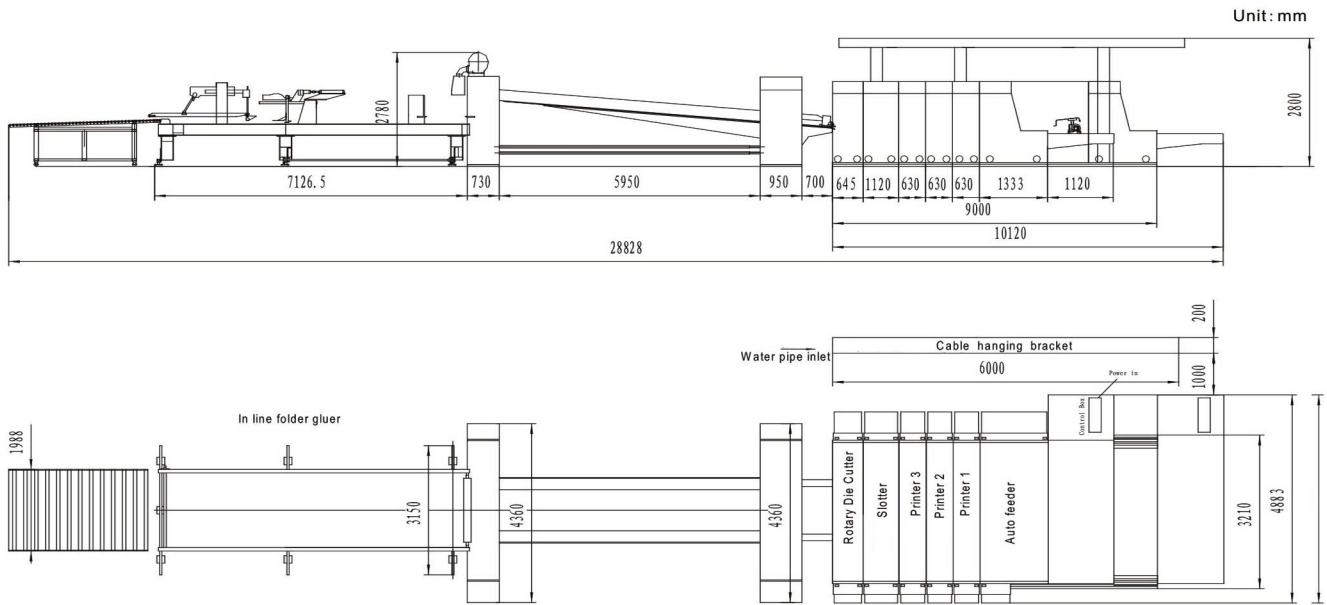


1220/1226/1228/1230/1628/1630/1632/1635
 Automatic Flexo Printer Slotter Rotary Die Cutter In-Line Folder Gluer



General Introduction

Automatic Flexo Printer Slotter and In-Line Folder Gluer is used to make complete corrugated cartons automatically after the corrugated paperboard is slotted to replace manual gluing and folding .The machine consists of a gluing unit, folding unit, automatic pressing and laminating unit and counter ejector unit. After corrugated paperboard is slotted , the gluing unit will supply glue to the corrugated paperboard flap, and the laminating unit folds the board and laminates it. The edge presing roller then presses the edges and the steel roller p re-presses it, then after folding ,the corrugated boards are reshaped by a shaping board (patting the fronts and back of the boards).Following this, the counter ejector sends out the pile of card-board and counts the quantity , then binds the pile of cardboard.The gluing ,folding, pressing ,laminating and counter ejec-tor workflow can greatly improve working efficiency and increase the benefits of manufacturers through precise shaping after foldin g and precise operation of the counter and ejector unit.



The configurations of the machine



Lead Edge Feeder

Lead Edge Feeder

- * Fast setting of feeding speed, minimal maintenance, absolute safety and easy operation.
- * Adjustable blower pressure can be used for different types of paper .
- * Paper is delivered at the same speed to the lead edge puller to avoid wrinkling due to pressure.
- * Adjustable air flow for the blower which helps to feed paper into the machine.
- * Fitted with brushes to remove dust from the surface of the paper.
- * Double-side positioning of the paper sheets.

Vacuum Dust Remover

- * High efficient vacuum dust removing device can vacuum and clean the dust quickly

Printing Unit

- * Printing unit can be rotated a full 360°when paper is in motion or stopped,motorized control system.
- * Printing assembly can be manually adjusted up to 12.5mm.
- * (pneumatic down-pressure touch-board. The lines of high quality ceramic anilox roller can be from 200 to 350 lines. This unit features a pneumatic down-pressure touch-board.
- * The metering and the anilox rollers are automatically raised by the safety system when the air pressure stops.
- * Enclosed chamber (doctor blade) system and rubber roller can be specified for ink supply system at customer's option.

Vacuum transfer for printing unit.(bottom sucking)

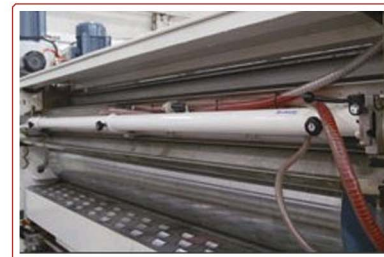
- * Conveying Device consists of one conveying box with groups of rolling wheels and strong air vacuum sucking transfer system. The paperboard are sucked on the wheels stably and transferred by them, which can transfer the small sized and thin paperboards more smoothly. The printing area on the paperboard can be avoided being scratched without pressing pull rolls. Dryer can be installed to dry ink immediately.
- * Sucking and exhausting air device and tube.
- * The pressure between rolling wheel conveying box and printing plate cylinder can be motorized adjusted.

Hot air drying system for printing unit

- * The heating from electric heating tube (18KW) transferred into the hot air cover. The specially-designed net below the hot air cover blow the hot air into the paperboard surface evenly to make the printing result more colorful.
- * Hot drying air. The air gate is divided into three parts and it can be adjusted according to the paperboard size .
- * Air cover has two layers. The inside cover blow hot air and outside cover suck air. The extra water vapor and heating air can be exhausted.
- * Hot aie temperature can be adjusted automatically.



Printing Unit



Enclosed chamber

Enclosed chamber system for printing unit.

- * Ink supply by pressure,double doctoring blade to make the ink supplied on the net roller even and equal .
- * Pneumatic double film separation pump to fill in the ink and pump out the remaining ink.
- * Only 20gramme pressure(0.2N) on the length of every cm can get very ideal ink doctoring effect.
- * To reduce the wear of anilox roller, doctoring blade and blade edge sealing material to save ink doctoring cost.
- * To use patented blade edge sealing mechanism.
- * To use a "sttipped doctoring blade system" to change the blade rapidly.
- * Without the influence of anilox roller diameter, only with the help of the side faces of chamber system and each side face will match with one part of inking roller diameter and obtains the most ideal ink doctoring result.
- * Quick and convenient change from working status into washing status.

Slotting unit

- * The slotting unit can be rotated a full 360°and incorporates a cutting depth scale which directly displays the adjusted position of the front and rear knives.
- * The creasing and slotting shaft can be adjusted up or down.
- * Automatic setting of slotting knives with order memory functions.



Slotting unit



Rotary Die Cutter

Rotary Die Cutter

- * Slotting knife roller moves both left and right
- * Automatic switch on/off of pressure
- * Can be used with equalizer
- * Die cutting cylinder made of superior material with extra hardness.

Computerized for whole machine

- * The whole machine with PLC control system, each printing unit is equipped with an 5.7" screen touching panel, and the slotter has a bigger and colorful one with the size of 10.4", through which we are able to make and save more than 500 production orders. Another central control system can be expanded to connect local area networks, and achieve distal maintenance function.
- * Computer control for the movement of the front stop board in the feeder, relevant gap between units, processing phase of each units, axially movement, clutch pressure, and air sucking function. And all the units are equipped with safety device and error displayer.



Computerized



In line folder gluer

1) Gluing unit

- * Motorized-operated gluing unit and human-interface input controls.
- * Gluing roller works at the same speed as the main machine. When the machine stops, the gluing roller runs by itself so that the glue on the roller will not dry.
- * High quality gluing system imported from USA or Europe at customer's option.

2) Folding unit

- * Motorized-operated movement of folding beam, controlled by interface or computer touch screen.
- * Adjustable folding pole can match different corrugated board's specification.
- * Springy upper belt pressure roller avoids loss of hardness in corrugated cartons.
- * Lower synchro-belt allows corrugated boards to go in smoothly .
- * Corrugated carton guiding square and side roller.

3) Auto Stacker

- * Air blower blows the boards down, while front patting boards make the front and back flat and neat.
- * Motorized adjustment of left and right side of stacker so that corrugated cartons are piled in the middle.
- * Motorized-operated movement of front and back stop board.

4) Counter Ejector

- * Piles of 10-40 cartons can be set and sent out .
- * Motorized adjustment of the height of sheet pressing frame.
- * Pushing by inserting from the bottom, precise counting.

Optional equipments

Automatic kicking feeder

- * PLC control of the main motors in the paper feeder unit,userfriendly interface and LCD display screen make operation easy.
- * Front paper block,side positioners and rear block are all electronically controlled.
- * Blower system features extra blower to add air volume if its needed.
- * Additional sheet-in brush dust cleaner.
- * Double sheet-in roller structure.

Semi-computerized for whole machine.

- * The whole machine with PLC control system, the feeder is equipped with an 5.7" screen touching panel, and the slotter has a bigger and colorful one with the size of 10.4", through which we are able to make and save more than 990 production orders.

Automatic sheet stacker (without In line folder gluer)

- * Anti-dropping safety system.
- * Tow-span belt



Gluing unit



Folding unit



Auto Stacker



Counter Ejector

Xiamen Fuyin Machinery Co.,Ltd.

Add: 1713-NO.9 Huli Haitian Road, Xiamen . China
 Tel: +86-592-6038623 6037552
 Fax: +86-592-6038602
 Email: Xianghan@public.xm.fj.cn
 Http://www.xianghan-machine.com

Agent:

Specification

Model	1220	1226	1228	1230
Maximum speed	180 sheets/min (With folder gluer 160 sheets/min)	180 sheets/min(With folder gluer 160 sheets/min)	180 sheets/min (With folder gluer 160sheets/min)	170 sheets/min (With folder gluer 150sheets/min)
Maximum sheet size (LxW)	1200x2000mm	1200x2600mm	1200x2800mm	1200x3000mm
Maximum sheet size (with skip feeding)(LxW)	1600x 2050mm	1600x2600mm	1600x2800mm	1600x3000mm
Minimum sheet size (LxW)	310x630mm	310x630mm	310x630mm	310x630mm
	With vacuum transfer 450x630mm	(With vacuum transfer 450x630)	(With vacuum transfer 450x630mm)	(With vacuum transfer 450x630mm)
	With folder gluer 450x1000mm	(With folder gluer 450x1000mm)	(With folder gluer 450x1000mm)	(With folder gluer 450x1000mm)
Maximum printing area (LxW)	1200x1920mm	1200x2460mm	1200x2660mm	1200x2860mm
Maximum square box (LxW)	485x485mm	630x630mm	680x680mm	730x730mm
Minimum square box (LxW)	Positive Knife 160x160mm Inverse Knife 270x80mm	Positive Knife 160x160mm Inverse Knife 270x80mm	Positive Knife 160x160mm Inverse Knife 270x80mm	Positive Knife 160x160mm Inverse Knife 270x80mm
Flexo plate thickness	7mm	7mm	7mm	7mm

Model	1628	1630	1632	1635
Maximum speed	160 sheets/min	150 sheets/min	140sheets/min	100sheets/min
Maximum sheet size (LxW)	(With kicking feeder 1560x2800mm) (With lead edge feeder 1600x2800mm)	With kicking feeder 1560x3000mm) With lead edge feeder 1600x3000mm)	(With kicking feeder 1560x3200mm) (With lead edge feeder 1600x3200mm)	(With kicking feeder 1560x3500mm) (With lead edge feeder 1600x3500mm)
Maximum sheet size (with skip feeding)(LxW)	2200x2800mm	2200x3000mm	2200x3200mm	2200x3500mm
Minimum sheet size (LxW)	500x720mm (With folder gluer 450x1000mm)	500x720mm (With folder gluer 450x1000mm)	500x720mm (With folder gluer 450x1000mm)	500x720mm (With folder gluer 450x1000mm)
Maximum printing area (LxW)	1600x2700mm	1600x2900mm	1600x3100mm	1600x3400mm
Maximum square box (LxW)	680x680mm	730x730mm	780x780mm	850x850mm
Minimum square box (LxW)	Positive Knife 250x250mm Inverse Knife 300x100mm	Positive Knife 250x250mm Inverse Knife 300x100mm	Positive Knife 250x250mm Inverse Knife 300x100mm	Positive Knife 250x250mm Inverse Knife 300x100mm
Flexo plate thickness	7mm	7mm	7mm	7mm

✳ Subject to change without notice.