

Printing and Packing Machine

Multicolor Offset press

MOP01

Description:

1. Adopted machine-units arrangement, one double-diameter cylinder and two single-diameter cylinders fulfill the transition. Intelligentized and personalized touch screen control system.

2. Semi-automatic plate changer device

3. Touch screen control system without stopping machine achieves

exact axial and circle adjustments, it is $\pm 1\text{mm}$ for axial, $\pm 0.5\text{mm}$ for circle, step pitch is 0.01mm . Printing Precision, continuous and stable printing is all guaranteed.

4. Alcohol plate dampening system, the motor driven by separated dampening roller has speed reinforcing function, evenly distributed solution film reduces dpi augment, alcohol consistency auto-testing device is optional.

5. Pneumatic centralized control and transacting mechanism realize various functions like automatic inking, dampening, clutch pressure and plate changer. Greatly minimized machine size, reduced main motor power and medium transferring links, improved the executive speed of transacting mechanism and enhanced running reliability and stability.

6. Super strong casting iron board (50mm in thickness) and unique design of machine base make its structure stable, durable and reliable. High-precision outboard skew gear transmission, low noise ensure satisfied performance and extend service life.

7. Continuous suction for paper feeding and upper swing gyral paper delivery device.

8. Automatic lubricating system



Technical Specification:

- Color Unit Number: 4
- Max. Printing Speed: 2600- 12000r/h

- Max. Sheet Size: 560X 400 mm
- Min. Sheet Size: 100X 148 mm
- Paper Thickness: 0.04-0.4 mm
- Max. Printing Area: 540X 375 mm
- Plate Size: 550X427X0.15 mm
- Feed Pile Height: 900 mm
- Delivery Pile Height: 420 mm
- Ink Rollers: 19 pcs
- Dampening Rollers: 4 pcs
- Plate Form Rollers: 5 pcs (4 pcs of ink, 1 pc of dampening)
- Plate Dampening: Alcohol
- Power: 12 KW, Three-phase AC, 380 V/50 Hz
- Net Wt.: 9600 kgs
- Machine Dimension: 4420X1860X1720 mm

MOP02

Description:

1. Adopted machine-units arrangement, one double-diameter cylinder and two single-diameter cylinders fulfill the transition. Intelligentized and personalized touch screen control system.



2. Semi-automatic plate changer device

3. Touch screen control system without stopping machine achieves

exact axial and circle adjustments, it is $\pm 1\text{mm}$ for axial, $\pm 0.5\text{mm}$ for circle, step pitch is 0.01mm . Printing Precision, continuous and stable printing are all guaranteed.

4. Alcohol plate dampening system, the motor driven by separated dampening roller has speed reinforcing function, evenly distributed solution film reduces dpi augment, alcohol consistency auto-testing device is optional.

5. Pneumatic centralized control and transacting mechanism realize various functions like automatic inking, dampening, clutch pressure and plate changer. Greatly minimized machine size, reduced main motor power and medium transferring links, improved the executive speed of transacting mechanism and enhanced running reliability and stability.

6. Super strong casting iron board (50mm in thickness) and unique design of machine base make its structure stable, durable and reliable. High-precision outboard skew gear transmission, low noise ensure satisfied performance and extend service life.

7. Continuous suction for paper feeding and upper swing gyral paper delivery device.

8. Automatic lubricating system
9. The 5th Unit is for special ink printing purpose

Technical Specification:

- Color Unit Number: 5
- Max. Printing Speed: 2600- 12000r/h
- Max. Sheet Size: 520X 370 mm
- Min. Sheet Size: 100X 148 mm
- Paper Thickness: 0.04-0.4 mm
- Max. Printing Area: 510X 360 mm
- Plate Size: 510X410X0.15 mm
- Feed Pile Height: 900 mm
- Delivery Pile Height: 420 mm
- Ink Rollers: 19 pcs
- Dampening Rollers: 4 pcs
- Plate Form Rollers: 5 pcs (4 pcs of ink, 1 pc of dampening)
- Plate Dampening: Alcohol
- Power: 12 KW, Three-phase AC, 380 V/50 Hz
- Net Wt.: 10500 kg
- Machine Dimension: 5210X1820X1720 mm

MOP03

Description:

1. Adopted machine-units arrangement, one double-diameter cylinder and two single-diameter cylinders fulfill the transition. Intelligentized and personalized touch screen control system.
2. Semi-automatic plate changer device
3. Touch screen control system without stopping machine achieves exact axial and circle adjustments, it is $\pm 1\text{mm}$ for axial, $\pm 0.5\text{mm}$ for circle, step pitch is 0.01mm. Printing Precision, continuous and stable printing is all guaranteed.
4. Alcohol plate dampening system, the motor driven by separated dampening roller has speed reinforcing function, evenly distributed solution film reduces dpi augment, alcohol consistency auto-testing device is optional.
5. Pneumatic centralized control and transacting mechanism realize various functions like



automatic inking, dampening, clutch pressure and plate changer. Greatly minimized machine size, reduced main motor power and medium transferring links, improved the executive speed of transacting mechanism and enhanced running reliability and stability.

6. Super strong casting iron board and unique design of machine base make its structure stable, durable and reliable. High-precision outboard skew gear transmission and low noise ensure satisfied performance and extend service life.

7. Continuous suction for paper feeding and upper swing gyral paper delivery device.

8. Automatic lubricating system

9. Turnover, Alcohol auto wash-up, Numbering, Perforating and Positioning mechanism are optional according to customers' actual requirements.

Options

1. Color Printing Control System (CPC system)

2. Plate Skew Adjustment

Technical Specification:

- Color Unit Number: 4
- Max. Printing Speed: 12000r/h
- Max. Sheet Size: 520X 370 mm 520X375(Special model)
- Min. Sheet Size: 100X 148 mm
- Paper Thickness: 0.04-0.4 mm
- Max. Printing Area: 510X 360 mm
- Plate Size: 510X410X0.15 mm
- Feed Pile Height: 900 mm
- Delivery Pile Height: 420 mm
- Ink Rollers: 19 pcs
- Dampening Rollers: 4 pcs
- Plate Form Rollers: 5 pcs (4 pcs of ink, 1 pc of dampening)
- Plate Dampening: Alcohol
- Power: 12 KW
- Net Wt.: 9000 kg
- Machine Dimension: 4330X1820X1720 mm

MOP04

Description:

1. Adopted machine-units arrangement, one double-diameter cylinder and two single-diameter cylinders fulfill the transition. Intelligentized and personalized touch screen control system.
2. Semi-automatic plate changer device
3. Touch screen control system without stopping machine achieves exact axial and circle adjustments, it is $\pm 1\text{mm}$ for axial, $\pm 0.5\text{mm}$ for circle, step pitch is 0.01mm . Printing Precision, continuous and stable printing are all guaranteed.
4. Alcohol plate dampening system, the motor driven by separated dampening roller has speed reinforcing function, evenly distributed solution film reduces dpi augment, alcohol consistency auto-testing device is optional.
5. Pneumatic centralized control and transacting mechanism realize various functions like automatic inking, dampening, clutch pressure and plate changer. Greatly minimized machine size, reduced main motor power and medium transferring links, improved the executive speed of transacting mechanism and enhanced running reliability and stability.
6. Super strong casting iron board and unique design of machine base make its structure stable, durable and reliable. High-precision outboard, skew gear transmission and low noise ensure satisfied performance and extend service life.
7. Continuous suction for paper feeding and upper swing gyral paper delivery device.
8. Automatic lubricating system
9. Turnover, Alcohol auto wash-up, Numbering, Perforating and Positioning mechanism are optional according to customers' actual requirements.



Technical Specification:

- Max. Printing Speed: 12000r/h(Single sided) 10000 r/h (Perfecting)
- Max. Sheet Size: 520X 370 mm (Single sided) 520X 370 mm (Perfecting)
- Min. Sheet Size: 100X 148 mm (Single sided) 182X 210 mm (Perfecting)
- Paper Thickness: 0.04-0.4 mm (Single sided) 0.04-0.3 mm (Perfecting)
- Max. Printing Area: 510X 360 mm (Single sided) 510X 350 mm (Perfecting)
- Plate Size: 510X410X0.15 mm
- Feed Pile Height: 900 mm
- Delivery Pile Height: 420 mm

- Ink Rollers: 19 pcs
- Dampening Rollers: 4 pcs
- Plate Form Rollers: 5 pcs (4 pcs of ink, 1 pc of dampening)
- Plate Dampening: Alcohol
- Power: 6.7 KW
- Net Wt.: 4100 kg
- Machine Dimension: 2690X1820X1720 mm

MOP05

Description:

This type of Offset Press is a four-mo press which adopt advanced Toko technologies. Compact construction, multi-functions and stable quality are all incorporated on this machine. Fine Register is available for color-coating printing.



Advantages:

1. Single monolever to operate, running, inking, trial printing and automatic printing can be fulfilled continually once.
2. The register for colors can be finely and stably adjusted, side registers can be adjusted freely without stopping.
3. Adopts Hanging plate installment to realize lateral and skew direction adjustment.
4. The imported steel plates are selected as boards of YK9600 to make the machine more dependable and durable.
5. Three main hard chromium-faced cylinders strongly guarantee their resistance and durability.
6. Integrated ink and dampening system, quick balance of inking and dampening to save consumers' papers.
7. Skip Feed function is realizable to ensure the ink density.
8. Computerized Control System, Inverter Speed Adjustment, Double-Sheet Detection System with Photoelectrical Sensor, Suction Paper Feeding and Chain Delivery System, Electronic Counter, Inching Device are also available.
9. A self-diagnose function in electrical unit may help you find and eliminate the fault quickly.

Technical Specification:

- Max. Printing Image: 615X432 mm
- Max. Paper size: 640X 470 mm
- Min. Paper size: 330X 250 mm
- Paper Weight: 40-255 g/m2
- Plate Size: 624X480X0.3 mm
- Ink/Dampening Rollers: 14 pcs
- Printing speed: 1000 – 6000 sheets/hour
- Double-Sheet Detection Range: 40-128 g/m2
- Power: Single Phase AC 220 V, 50 Hz
- Rated Power: 1500 W
- Machine Dimension: 1770X1090X1185 mm
- Net weight: 900 kgs

MOP06

Description:

This offset press is modified on the basis of TOKO YK1800AWD. i.e.: Computerized Control System, reliability in mechanism, Frequency Inverter Speed Adjustment, Touching Control Panel, Digital Speed Indication and Counter. Unique Paper feed and delivery jamming detection is applicable.

Advantages:

1. Compact construction and easy operation meet the requirements of short and quick printing jobs in factories, governments and schools.
2. It suits for any kinds of Master, such as Resin Plate, PS Plate, ZnO Plate, Silver Salt Plate, etc.
3. Hanging and Clamping Plate installment with an image Skew System, Double-sheet Detection System with Photoelectrical Sensor, Suction Paper Feeding and Chain Delivery System are available.
4. Advanced inverter is adapted to adjust printing speed. Not only is it reliable with a simple structure, but also convenient for adjustment.



***The Options and its Characters**

1. Paper position adjustor, steplessly adjust the swing of suckers according to paper weight.
2. Electro-Static remover and Plasma blowing device, which moves out the electro-static from the paper stock and printing process.
3. I.R. Drier in feeder helps to lessen the creasing of moist papers.

Technical Specification:

- Max. Printing Image: 297X420 mm
- Max. Paper size: 305X 432 mm
- Min. Paper size: 100X 150 mm
- Paper Weight: 28-255 g/m²
- Plate Size: Hanging: 324X473X0.15 mm
Clamping: 324X 485X 0.15 mm
- Ink/Dampening Rollers: 13 pcs (2 ink form rollers)
- Printing speed: 3300 – 9000 sheets/hour
- Double-Sheet Detection Range: 28-128 g/m²
- Power: Single Phase AC 220 V, 50 Hz
- Rated Power: 850 W
- Machine Dimension: 1310X915X1235 mm
- Net weight: 350 kgs

MOP07

Description:

The operation of this offset press is much easier than that of larger one and its application is wider as well. Compact design, extended valid image. Three ink form rollers keep image solid and stable.

Advantages:

1. It suits for any kinds of Master, such as Resin Plate, PS Plate, ZnO Plate, Silver Salt Plate, etc.
2. Hanging and Clamping Plate installment with an image Skew System, Digital Control Panel, Double-sheet Detection System with



Photoelectrical Sensor, Suction Paper Feeding and Chain Delivery System are available.

3. The printed sheets number will be remained on counter for more than a week.
4. Advanced inverter is adapted to adjust printing speed. Not only is it reliable with a simple structure, but also convenient for adjustment.

The Options and its Characters

1. Paper position adjustor, steplessly adjust the swing of suckers according to paper weight.
2. Electro-Static remover and Plasma blowing device, which moves out the electro-static from the paper stock and printing process.
3. Varn Kompac Dampening System can be attached, properties will be much more excellent

Technical Specification:

- Max. Printing Image: 330X445 mm
- Max. Paper size: 340X 483 mm
- Min. Paper size: 140X 200 mm
- Paper Weight: 28-255 g/m²
- Plate Size: Hanging: 340X490X0.15 mm
Clamping: 340X 508X 0.15 mm
- Ink/Dampening Rollers: 14 pcs (3 ink form rollers)
- Printing speed: 2000 – 9000 sheets/hour
- Double-Sheet Detection Range: 28-128 g/m²
- Power: Single Phase AC 220 V, 50 Hz
- Rated Power: 850 W
- Machine Dimension: 1570X915X1285 mm
- Net weight: 400 kgs

MOP08

Description:

This type of Offset Press is developed with a classic modern designing idea. It is not only carrying on the advantages of TOKO R1, but also having specific features.

Advantages:

1. It suits for any kinds of Master, such as Resin Plate, PS Plate, ZnO Plate, Silver



Salt Plate, etc.

2. Hanging and Clamping Plate installment with an image Skew System, Digital Control Panel, Double-sheet Detection System with Photoelectrical Sensor, Suction Paper Feeding and Chain Delivery System are available.
3. The pulling guides at operating side or not-operating side can set the position of feeding paper accurately thereby making easier printing of multi-colored materials or perfecting and ensuring the thin gradation from the original.
4. When two sheets are fed, one sheet is ejected downward without interrupting the printing job.

The Options and its Characters:

1. I.R. Drier in feeder helps to lessen the creasing of moist papers.
2. Electro-Static remover and Plasma blowing device, which moves out the electro-static from the paper stock and printing process.
3. The hand-bush skid rollers, which increase the friction between the sheets and improve the feeding and guiding process.
4. Varn Kompac Dampening System can be attached, properties will be much more excellent

Technical Specification:

- Max. Printing Image: 315X412 mm
- Max. Paper size: 340X 470 mm
- Min. Paper size: 90X 140 mm
- Paper Weight: 28-255 g/m²
- Plate Size: Hanging: 324X473X0.15 mm
Clamping: 324X 485X 0.15 mm
- Ink/Dampening Rollers: 14 pcs (3 ink form rollers)
- Register Method: sideway pull register
- Register Precision: \pm 2 mm
- Printing speed: 1000 – 10000 sheets/hour
- Double-Sheet Detection Range: 28-128 g/m²
- Power: Single Phase AC 220 V, 50 Hz
- Rated Power: 990 W
- Machine Dimension: 1770X840X1185 mm
- Net weight: 490 kgs

MOP09

Description:

This two-color offset press is a real 8-mo offset press, which has adopted the advanced 3-D software and introduced foreign technologies followed the international common V-Shape five-cylinder arrangement. Its appearance ends the history of unavailable 8-mo Two-color offset press and breaks a new century of light press development.



Advantages:

1. Compact machine size is the same as single-color set and easy to operate.
2. Applying of central controlling system on unique panel and perfect function of feed & delivery jam auto-detection.
3. Adopted high precision stock positioning system and push side register for the lateral direction and fine adjustment without stopping the machine. The register for color printing could be finely adjusted towards the transverse and circumference directions on the printing cylinders.
4. Quick balance of inking and dampening. You may select either separated or integrated inking and dampening system during printing. Normally you may use integrated inking and dampening system to get quick balance of inking and dampening to reduce waste paper during proof printing. Select separated system to get much saturated solid ink color job for special printing.
5. Plate clamping and the inching device are adopted not only to fulfill plate installing and removing but also avoid the hard work of running the machine manually. Simplified the operation and adjustment.
6. A perfecting printing could be realized since the double-eccentric control system utilized on blanket cylinders to keep impression pressure evenly.
7. Oiling and lubricating the drive and motion parts through a central oiling system.

Technical Specification:

- Max. Printing Image: 330X444 mm
- Max. Paper size: 340X 470 mm
- Min. Paper size: 90X 140 mm

- Paper Weight: 28-255 g/m²
- Plate Size: Hanging: Clamping: 335X 505X 0.15 mm
- Ink/Dampening Rollers: 15 pcs (3 of plate rollers)
- Printing speed: 3000 – 10000 sheets/hour
- Double-Sheet Detection Range: 28-128 g/m²
- Power: Single Phase AC 220 V, 50 Hz
- Rated Power: 1.78 KW
- Machine Dimension: 2320X1010X1575 mm
- Net weight: 850 kgs

MOP10

Brief Introduction

This type of Offset Press is a newly produced lateral feeding commercial press based on advanced foreign technologies. It is excellent in various sections which stands for toppest level of today's mini offset press in China. NP unit is optional, which is widely used for invoices, lotteries, documents etc., ideal press for commercial printing.



Advantages:

1. Outstanding Durability

Cast-iron board and base guarantee perfect job during high speed printing. Outboard gears, cams and bearings adopted continuous spraying lubrication system.

2. Sheet Delivery System

Sheet is fed via sheet delivery transfer bar, precise register, double-sheet detection system and sheet delivery head is adjustable without stopping machine.

3. Cylinder Unit

Image is transferred perfectly from Master Cylinder to Blanket Cylinder via the contact between cylinder and bearer. Special plate clamp device makes it easier for operator to install and replace printing plate.

4. Open & Close NP Unit (Optional)

NP unit can be opened and closed according to your printing requirements and can print

sequent different numbers or the same numbers. Each numbering mount can install 7 horizontal numbering boxes, cylinder shaft can install 7 mount rings, maximum 49 numbering boxes; for vertical numbering box, each numbering mount can install 5 numbering boxes, maximum 35 numbering boxes.

5. Resin Letterpress Printing

There are 8 ink rollers, 2 ink form rollers which ensure good inking impact.

6. Perforation Unit

4 units of perforation wheels can print at the same time for vertical perforation lines.
Distance

1.Model One

Technical Specification:

- Color unit number: 1
- Printing speed: 2500 – 10000 sheets/hour
- Max. Printing Image: 510X350 mm
- Max. Paper size: 520X 360 mm
- Min. Paper size: 148X 100 mm
- Plate Size: 510X 420X 0.3 mm
- Paper thickness: 0.04-0.4 mm
- Feed table height: 800 mm
- Delivery table height: 350 mm
- Ink rollers: 18 pcs (4 plate form rollers)
- Dampening rollers: 5 pcs (2 plate form rollers)
- Dampening method: Separated ink and dampening system
- Power: Three Phase AC 380 V, 50 Hz
- Rated Power: 3 KW (8 A)
- Machine Dimension: 1650X1100X1445 mm
- Net weight: 1200 kgs

2.Model Two

Technical Specification:

- Color unit number: 1
- Printing speed: 12000 sheets/hour
- Max. Printing Image: 510X360 mm
- Max. Paper size: 520X 370 mm
- Min. Paper size: 148X 100 mm
- Plate Size: 510X 410X 0.15 mm
- Paper thickness: 0.04-0.4 mm
- Feed table height: 900 mm

- Delivery table height: 420 mm
- Ink rollers: 19 pcs (4 plate form rollers)
- Dampening rollers: 5 pcs (4 pcs of ink, 1 pc of dampening)
- Dampening method: Alcohol
- Power: Three Phase AC 380 V, 50 Hz
- Rated Power: 4.3 KW
- Machine Dimension: 1870X1820X1720 mm
- Net weight: 2500 kgs

3.NP unit

Technical Specification:

- Printing speed: 2500 – 8000 sheets/hour
- Max. Paper size: 520X 360 mm
- Min. Paper size: 148X 100 mm
- Paper thickness: 0.04-0.4 mm
- Numbering Blanket: 524X396X0.3 mm
- Jacket Size : 520X 392X 0.3 mm
- Ink System: Ink duct roller: 1 pc, Ink transferring roller: 1 pc Ink oscillating roller: 1 PC Ink distributing: 1 pc Ink form roller: 1 pc
- Ink Ductor Capacity: 0.4 kg
- Letterpress Printing Size: 350X50X1mm
- Perforating Rollers(Vertical): 2.73 mm distance in between
- Max. Perforation lines: 4
- Numbering size: 406X785X220 mm



MOP11



MOP11 is a next generation multi-color double-sided press that uses a unique line arrangement to print alternately on front and back with upper and lower printing units, without reversing the paper orientation.

Short Delivery Time

MOP11 boosts the profitability of your operations. In comparison to 2-pass 4-color, the 1-pass double-sided printing method greatly reduces delivery time. The fast turnaround time becomes a huge advantage in expanding orders.

High Productivity

MOP11 takes superior manufacturing performance to a new level. Double-sided printing does not prevent MOP11 from reducing production preparations to just 10 minutes. The Auto Plate Changer can replace 8-unit plates in less than 4 minutes. This is 1/3 the preparation time required for a 4-color 2-pass press. The high operating efficiency of MOP11 allows 3 double-sided short runs of 2000 copies each to be turned over in 1 hour.

Reduced Costs

Low operating costs are another MOP11 advantage. The excellent operating efficiency enables just 2 people to oversee operations, allowing better utilization of personnel. It also reduces paper costs. The single process allows alignment and color matching to be checked for both sides at the same time. Waste paper and text pages are greatly reduced, boosting cost efficiency. Additional paper is sent in one direction, assuring print area that is equal to that of a single-side press. With perfecter presses, the required paper dimensions are arranged to avoid cosmetic trimming. With MOP11's single cylinder method, the special impression cylinder jackets are the essential consumable parts of the double-side printer, with half the preparation copies compared to the double impression cylinder method, with resulting cost savings. MOP11 also makes efficient use of manufacturing space. While a double-side press, it has a compact design that requires only the same amount of space as a 4-color single-side press. There is little curl as with perfecter printing, and this allows better stacking. And no need to provide extra operations space for drying and reversal, as with 2-pass systems.

Easy Plate Preparation costs

Printing with MOP11 enables prevention of defects without having to monitor both sides, allowing more flexible platemaking operations. MOP11 enables large increases in operating efficiency through higher performance in both production and costs in comparison to single-side and perfecter presses.

Type A

Technical Specification:

- Max. Printing Speed: 13000 sheets per hour
- Max. Paper Size: 720×1030 mm

- Min.Paper Size 360×540 mm
- Max.Printing Size 710×1020 mm
- Paper Thickness 0.04~0.2 mm
- Plate Size 800×1030 mm
- Blanket Size 975×1035 mm
- Feeder Pile Height 1300 mm
- Delivery Pile Height 1150 mm
- Machine Length 9871 mm
- Machine Width 2920 mm
- Machine Height 2750 mm
- Machine Weight 42400 kg
- Overall Power 70 Kw

Type B

Technical Specification:

- Max.Printing Speed 13000 Sheets per hour
- Max.Paper Size 720×1030 mm
- Min.Paper Size 360×540 mm
- Max.Printing Size 710×1020 mm
- Paper Thickness 0.04~0.2 mm
- Plate Size 800×1030 mm
- Blanket Size 975×1035 mm
- Feeder Pile Height 1300 mm
- Delivery Pile Height 1150 mm
- Machine Length 7225 mm
- Machine Width 2920 mm
- Machine Height 2750 mm
- Machine Weight 24400 Kg
- Overall Power 52 Kw

MOP12



The MOP12 series models were created to minimize the make-ready time for printing, and have long been praised as machines that answer the need for multiple-variety, small-lot printing at a high level of quality. But as time progresses, so grows the demand for even more quality and energy savings. Environmental-friendliness and technological innovation, too, are required. Accordingly, the MOP12 series has undergone continual refinement.

Like all the other products from Akiyama International, these models will evolve to meet the needs of the future.

The MOP12 series' unique 3:4:3 cylinder configuration makes it ideal for printing on heavy recycled paper. This configuration also employs a compact inline coating system for improved print quality. Additionally, with the design of all plate cylinders in the same position is a key energy-saving technology enabling the simultaneous, automatic, tool-free changeover of printing plates in all units.

The MOP12 series provides a quality-control system supporting digital workflow, as embraced by today's increasingly IT-Savvy printing industry.

High Quality

An original cylinder configuration that meets the need for high quality board printing.

High Productivity

The MOP12 series' all-in-one system allows the automatic numerical control of various tasks. Centralized quality control saves preparation time and significantly reduces waste paper.

High Additional Value

The MOP12 series' unique cylinder configuration provides for a compact inline coating system. It's compatible with two types of coatings: water-based varnish and UV.

2.T A Series

Press Modle		TA-440	TA-440BCL	TA-640	TA-640BCL
Printing Speed	S/h	13000	13000	13000	13000
Max.Sheet Size	Mm	720×1030	720×1030	720×1030	720×1030
Min.Sheet Siz	Mm	360×540	360×540	360×540	360×540
Max.Image Area	Mm	710×1020	710×1020	710×1020	710×1020
Paper Thickness	Mm	0.04~0.6	0.04~0.6	0.04~0.6	0.04~0.6
Plate Size	Mm	800×1030	800×1030	800×1030	800×1030
Blanket Size	Mm	975×1035	975×1035	975×1035	975×1035
Max.Feeder Pile Height	Mm	1150	1150	1150	1150
Max.Delivery Pile Height	Mm	1150	1150	1150	1150
Press Weight	Kg	33900	35900	49700	51200
Overall Length (L)	Mm	8200	10230	10250	12280
Overall Weight (W)	Mm	3490	3490	3490	3490
Machine Height	Mm	2400	2400	2400	2400
Power Requirements	Kw	75	80	85	90

2.TB Series

Press Modle		TB-428	TB-428BCL	TB-628	TB-628BCL
Printing Speed	S/h	13000	13000	13000	13000
Max.Sheet Size	Mm	520×720	520×720	520×720	520×720
Min.Sheet Siz	Mm	230×350	230×350	230×350	230×350
Max.Image Area	Mm	490×690	490×690	490×690	490×690
Paper Thickness	Mm	0.04~0.6/0.2~0.8			
Plate Size	Mm	550×700	550×700	550×700	550×700

Blanket Size	Mm	630×700	630×700	630×700	630×700
Max.Feeder Pile Height	Mm	800	800	800	800
Max.Delivery Pile Height	Mm	800	800	800	800
Press Weight	Kg	15400	15800	22000	22400
Overall Length (L)	Mm	5870	6950	7240	8320
Overall Weight (W)	Mm	2540	2540	2540	2540
Machine Height	Mm	1910	1910	1910	1910
Power Requirements	Kw	40	15	50	55

MOP13



MOP13 Multi-color series sheet-fed offset press can be used to print top grade printing, include top grade pictures, advertisement samples, books and magazines color printing products, and many kinds of packaging printing, etc.

Transfer cylinder is used to realize the high precision paper transfer under high speed running.

"Three-point" floating support of rubber cylinder keeps the pressure stable on and off.

Double-inking structure ensures the stable thickness of ink for printing high quality pictures.

Special touch method of impression makes little spread screen dot possible.
High-positing gripper close enables smooth & stable paper transfer.

Technical Specification for TYPE A :

Modle	TA 41020						TA51020	
	B	C-AL	D-AL	C-UV	C-PC1	D-PC1	D-PC1(domestic)	C-PC1
Printing Speed	13000						13000	
Max.Sheet Size	720×1030						720×1030	
Min.Sheet Siz	360×540						360×540	
Max.Image Area	710×1020						710×1020	
Paper Thickness	0.04~0.6						0.04~0.6	
Plate Size	800×1030						800×1030	
Blanket Size	975×1035						975×1035	
Max.Feeder Pile Height	1150						1150	
Max.Delivery Pile Height	1150						1150	
Press Weight	33900						35900	
Overall Length (L)	8200						10230	
Overall Weight (W)	3490						3490	
Machine Height	2400						2400	
Power Requirements	75						80	

Technical Specification for TYPE B :

Modle	TYPE B	
Max.Paper Size	mm	600×740
Min.Sheet Siz	mm	740×580
Gripper Margin	mm	10-12
Weight of Paper	g/m ²	80-580

Max.Printing Speed	s/h	10000
Plate Size	mm	745×670
Blanket Size	mm	710×769
Thickness of Blanket	mm	1.95
Feeder Pile Height	mm	1000
Delivery Pile Height	mm	1000
Overall Dimensions	mm	7972×3140×2014
Power of Main Motor	kw	22
Overall Power	kw	36
Machine Weight	kg	23500

Technical Specification for TYPE C :

Modle	TC4650						TC5650		
	C	C-AL	D-AL	C-UV	C-PC1	D-PC1	D-PC1(domestic)	C-PC1	C-AL
Max.Paper Size				480×650				480×650	
Min.Paper Size				273×393				273×393	
Min.Sheet Siz				464×645				464×645	
Gripper Margin				8-10				8-10	
Max.Printing Speed				10000				10000	
Plate Size				550×650				550×650	
Blanket Size				565×682				565×682	
Max.Delivery Pile Height				1.9				1.9	
Feeder Pile Height				900				900	
Delivery Pile Height				800				800	
Weight of Paper				35-350				35-350	

Overall Dimensions	7060×2270×1900					8080×2270×1900				
Power of Main Motor	11					15				
Overall Power	30	31	31.5	32	32	32.5	32	36	35	
Machine Weight	13000					15750				
Printing Units	4					5				

Film rotogravure press

FRP01



Features:

1. Shaftless plate fitting and quick plate cylinder changing system
2. Humanistic design, pneumatic open/close drying hood at easy operation
3. Built-in unwind/rewind rotary turret, nonstop reel changing at high speed.
4. Newly drying hood can reduce the residual impregnant efficiently.
5. Simens PLC and Man-Machine-Interface
6. Impression rubber roller can be changed conveniently for improving the work efficiency.
7. New- type doctor can be adjusted at three dimensions

Technical specification:

- Max web width: 1050/ 1250 mm

- Print speed: 150m/min 180m/min
- Register accuracy: $\leq \pm 0.2\text{mm}$
- Rewind/unwind dia: $\Phi 600\text{mm}$
- Plate cylinder dia: $\Phi 120 - \Phi 300\text{mm}$
- Drying method: electricity heating, steam heating or oil heating (choose freely)

FRP02



Features

1. Web tumbling system can meet the requirement of reverse printing (optional)
2. Imported EPC system controls the edge position of the web at high accuracy (optional)
3. Low-damping tension dancer system and low-friction air cylinder system are at high sensitivity control in order to assure constant print tension.
4. Humanistic design, pneumatic open/close drying hood at easy operation
5. Non-wearing cutter eliminates web crinkling and puckering when changing reel.
6. New- type doctor system in good stability
7. Impression rubber roller can be changed quickly for improving the work efficiency.
8. Ink transfer roller at varispeed control prevents the ink splashing; shaftless pneumatic plate fitting system shortens the auxiliary time.
9. Double-rewinder&double- unwinder systems
10. The machine can be used as one printing press or two printing presses, and you can fit them together freely for getting several printing combinations

Technical Specification:

- Max web width: 1050/1250/1500 mm
- Print speed: 180m/min、200m/min
- Register accuracy: $\leq \pm 0.15\text{ mm}$
- Rewind/unwind dia: $\Phi 600\text{ mm}$ 、 $\Phi 800\text{ mm}$
- Plate cylinder dia: $\Phi 120\text{ mm}-\Phi 300\text{ mm}$
- Drying method: electricity heating, steam heating or oil heating(choose freely)

FRP03



Features

1. Doctor carriage for reverse print (optional)
2. Humanistic design, pneumatic open/close drying hood at easy operation
3. Imported EPC system controls the edge position of the web at high accuracy (optional)
4. High sensitivity for low-damping tension dancer and low-friction air cylinder can assure constant print tension.
5. Web tumbling system can meet the requirement of reverse printing (optional)
6. Independent unwind/rewind rotary turrets
7. New- type doctor system in good stability
8. Impression rubber roller can be changed conveniently for improving the work efficiency.
9. Ink transfer roller at varispeed control prevents the ink splashing; shaftless pneumatic plate fitting system shortens the auxiliary time.
10. Non-wearing cutter eliminates web crinkling and puckering when changing reel.

Technical specification:

- Max web width: 1050/1250/1500 mm
- Print speed: 180m/min、200m/min
- Register accuracy: $\leq \pm 0.15$ mm
- Rewind/unwind dia: $\Phi 600$ mm、 $\Phi 800$ mm
- Plate cylinder dia: $\Phi 120$ mm- $\Phi 300$ mm
- Drying method: electricity heating, steam heating or oil heating(choose freely)

FRP04



Features

1. Double-working position disc-type unwinder/rewinder at high stable performance and the machine has the humanism design; new-type safe chuck assures the operators safety; unwinding cutter can complete up cutting or down cutting.
2. Infeed is at precise double-tension control.
3. Low-damping chill roller with good cooling effect prevents the web from being damaged at high-speed machine performance.
4. Centralized lubricant system at dosing greasing makes the guide roller high-speed and flexible performance.
5. Direct pressing mechanism makes the web performance without distortion, which can improve register accuracy and reduce the waste.
6. New-type environment protection and energy-saving drying system controls the residual impregnant efficiently.
7. Movable ink tray carriage shortens the auxiliary time and improves the productivity.
8. Straight-line cutter makes not only obverse/reverse cutting but also clearance-rewinding, and the rewinding reel is very tidy.
9. MMI touch screen and vector variable speed control system have the good performances

Technical specification:

Max web width: 1050/1250/1500 mm

Print speed: 250m/min、300m/min

Register accuracy: $\leq \pm 0.10$ mm

Unwind/rewind dia.: $\Phi 800$ mm

Plate cylinder dia: $\Phi 120$ mm- $\Phi 300$ mm

Drying method: electricity heating, steam heating or oil heating(choose freely)

Paper rotogravure press

PRP01



Features

1. Dual working positions and double arms rotary turret, automatic nonstop splicing reel.
2. Pre-handle paper system before printing makes the web invariant and enhances ink adhesion to make the excellent print.
3. Impression rollers press down directly in straight line, and they are on pressure in sequence and out of pressure at the same time, also perform independently.
4. Newly designed doctor system adopts pneumatic pressure and 3-dimension adjustment structure.
5. Air is twice evened in the oven, exhaust air in front and back drying hoods is separated, and air in back drying hood can be second used.
6. Unique guide roller design can assure the web travel in non-wrinkle.
7. Down ink distributing roller structure can assure non-ink splash and non-ink speck for benefiting ink migration.
8. Six-section tension control in stable and smooth in the whole machine.

Technical specification:

- Max web width: 1050/1250/1500 mm
- Print speed: 250m/min、300m/min
- Register accuracy: $\leq \pm 0.10$ mm
- Unwind/rewind dia.: $\Phi 800$ mm
- Plate cylinder dia: $\Phi 120$ mm- $\Phi 300$ mm
- Drying method: electricity heating, steam heating or oil heating(choose freely)

PRP02



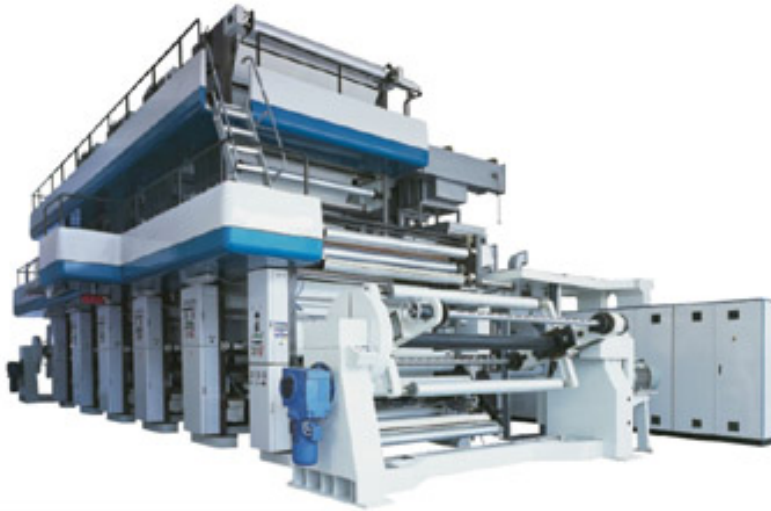
Features

1. Wide breadth print areas, high speed and accurate register
2. Environment protection water-based ink is used.
3. Coat unit is driven with the independent motor.
4. Equipped with independent intelligent drying system; all close drying hood.
5. High-speed, none-stop changing reel
6. PLC centralized control and touch-screen operation
7. Close-loop tension control system, Japanese "Taiyo" Photoelectric Register System DT950MII (or domestic register system) and Still Print Image System
8. Shaftless (electronic shaft) driving system

Technical specification:

- Print speed: 150m/min
- Web width: 1300/1650/1850/2000/2500mm
- Register accuracy: ± 0.1 mm
- Unwind/rewind dia: $\Phi 1200$
- Plate cylinder dia: $\Phi 250 - \Phi 550$ mm
- Drying method: electricity, steam, gas or oil (choose freely)

PRP03



Features:

1. Dual working positions and double arms rotary turret, automatic nonstop splicing reel.
2. Pre-handle paper system before printing makes the web invariant and enhances ink adhesion to make the excellent print.
3. Impression rollers press down directly in straight line, and they are on pressure in sequence and out of pressure at the same time, also perform independently.
4. Newly designed doctor system adopts pneumatic pressure and 3-dimension adjustment structure.
5. Air is twice evened in the oven, exhaust air in front and back drying hoods is separated, and air in back drying hood can be second used.
6. Unique guide roller design can assure the web travel in non-wrinkle.
7. Down ink distributing roller structure can assure non-ink splash and non-ink speck for benefiting ink migration.
8. Six-section tension control in stable and smooth in the whole machine.

Technical specification:

- Print speed: 200m/min
- Web width: 2250mm
- Register accuracy: ± 0.1 mm
- Unwind/rewind dia.: $\Phi 1300$ mm $\Phi 1600$ mm $\Phi 2200$ mm
- Plate cylinder dia: $\Phi 250 - \Phi 450$ mm
- Drying method: electricity ,steam ,gas or oil (choose freely)

PRP04



Features

1. Independent dual-position double-arm rotaty turrets are used for unwinding and rewinding; and nonstop changing reel in high speed.
2. Dancer arm cutter or straight-line cutter is used for tidy rewinding.
3. Pregeating and dust remover systems are mounted before printing for avoiding the paper out of shart-type plate fitting; rubber rollers can be second used.
4. Electrostatic ink suction system is optional for making the print dots in high saturation.
5. Close-loop tension control in the whole machine, and PLC centralized control.
6. Luxury appearance design.

Technical specification:

- Print speed: 150m/min 200m/min
- Web width: 800mm 1050mm
- Register accuracy: ± 0.15 mm
- Unwind/rewind dia.: $\Phi 800$ $\Phi 1000$
- Plate cylinder dia: $\Phi 120$ — $\Phi 250$ mm
- Drying method: electricity, steam, gas or oil (choose freely)

PRP05



Features

1. Straight-line movable cutter at reliable performance and gap rewinding makes the rewinding reel tidy at high speed.
2. Disc-type rewinding rotary turret at stable performance Movable safe chuck assures the safety of the equipment and personnel.
3. Cylinder carriage Movable cylinder carriage makes the plate cleaning conveniently and shortens the preparative time.
4. EPC unit Imported EPC system controls the edge position of the web.
5. Zero-speed splicing unit Web splicing at pneumatic control, safety protection system, multi-points feedback control
6. Impression unit Impression roller is up/down at direct pressure without web length change and no tension change.
7. Eliminate the web crinkle Eliminate the crinkle of the unwinding web in the obverse/reverse side Section- tension control and speed control by servomotor
8. Reel storage unit Straight-line guide track for zero-speed splicing, air cylinder for infeeding reel, convenient web pulling system, low-friction air cylinder for tension control
9. Imported shaftless driving system, sealed oil-immersion gearbox
10. 6 ",12 " pneumatic shaft meets the web cores at different diameters. Motor controls the reel lifting.
11. Electrostatic dust remover system Imported electrostatic dust remover system Non-touch dust remover system does not damage the web surface.
12. Drying hood Drying hood design at high efficiency and energy saving Automatic chain-type web pulling system makes the web pulling easily.

Technical specification:

- Print speed: 250m/min
- Web width: 650/820mm
- Register accuracy: ± 0.10 mm

- Unwind/rewind dia.: $\Phi 1500\text{mm}$
- Plate cylinder dia: $\Phi 160 - \Phi 220\text{mm}$
- Drying method: electricity, steam or oil (choose freely)

Cloth printing machine

CPM01



Parameters:

- Power supply: 110-240V
- Power consumption: 50W
- Machine size: 1300*850*1080MM
- Machine weight: 180kg
- Daily work time allowed: 24 hours
- Printing format: A2 (420mm*600mm)
- Allowed space for printed material: $\leq 80\text{mm}$
- Printing precision: 2880DPI
- Printing speed: in normal printing model: A4(210mm*297mm) size in 50 seconds
In high definition printing model: A4(210mm*297mm) size in 120 seconds
(Printing consuming time is relevant to the printing area)
- Ink consumption: 10ml/square meter (with 80% coverage of color)

Main parts and functions:

Ink system: continuous ink system with 8 ink cartridge. With our power software, you can make it 8 colors (CMYK and LC, LM, LY, LK), or 4 colors (CMYK) with white ink cartridges,

or double CMYK.

Printing head: the fifth generation of Japanese solvent-proof printing head is used, which is compatible with water based pigment and dye ink, light solvent pigment and dye ink and strong solvent pigment ink.

Controlling system: high precision servo controlling system ensures accurate registration.

Controlling panel: English version panel, auto cleaning, auto registration, and accurate controlling on the rising and lowering of panel, one press back to original, user friendly.

Structure: the structure of the machine is of aviation aluminum, made in one molding, lightweight and durable, the design service life is no less than 5 years.

Interface: being connected with computer through USB or 1394 interface or interface card.

Drive: self-developed RIP: I-print, adaptable with both Chinese and English operating system. With this software, we can print white ink, and do color calibration. It is user-friendly, efficient and produces high quality product.

Usage: with different ink, we can print on cotton, synthetics, silk, leather, metal, wood, plastic, rosin and food, either on flat surface or curved surface, without coating.

With the software control, CPM01 can print on dark cloth, and imitate the screen printing effect, so it can be used for small order printing and proof printing. The speedy production capacity and stable operation (24 working hours per day) enable it for industrial production. So digital printing is one of the printing techniques with the most potentiality.

CPM02



Parameters:

- Power supply: 110-240V
- Power consumption: 50W
- Machine size: 1300*850*1080MM

- Machine weight: 180kg
- Daily work time allowed: 24 hours
- Printing format: A2 (420mm*600mm)
- Allowed space for printed material: $\leq 80\text{mm}$
- Printing precision: 2880DPI
- Printing speed: in normal printing model: A4(210mm*297mm) size in 50 seconds
In high definition printing model: A4(210mm*297mm) size in 120 seconds
(Printing consuming time is relevant to the printing area)
- Ink consumption: 10ml/square meter (with 80% coverage of color)

Main parts and functions:

Ink system: continuous ink system with 8 ink cartridge. Only four colors are needed for printing on rigid material.

Printing head: the fifth generation of Japanese solvent-proof printing head is used, which is compatible with water based pigment and dye ink, light solvent pigment and dye ink and strong solvent pigment ink.

Controlling system: high precision servo controlling system ensures accurate registration.

Controlling panel: English version panel, auto cleaning, auto registration, and accurate controlling on the rising and lowering of panel, one press back to original, user friendly.

Structure: the structure of the machine is of aviation aluminum, made in one molding, lightweight and durable, the design service life is no less than 5 years.

Interface: being connected with computer through USB or 1394 interface or interface card.

Drive: self-developed RIP: Iprint, adaptable with both Chinese and English operating system. With this software, we can do color calibration. It is user-friendly, efficient and produces high quality product.

Usage: with different ink, we can print on cotton, synthetics, silk, leather, metal, wood, plastic, rosin and food, either on flat surface or curved surface, without coating.

With the software control, CPM02 can print on dark cloth, and imitate the screen printing effect and color, so it can completely replaced for small order screen printing and proof screen printing. The speedy production capacity(4.4 square meters per hour) and stable operation (24 working hours per day) enable it for digital printing production. K-jet is combined with advantages of traditional printing and screen printing by the opening system, which makes digital printing could create unprecedented printing effect with the most potentiality.,

CPM03



Parameters:

- Power supply: 110-240V
- Power consumption: 50W
- Machine size: 1320*880*1250MM
- Machine weight: 180kg
- Daily work time allowed: 24 hours
- Printing format: A2 (420mm*600mm)
- Allowed space for printed material: ≤ 80 mm
- Printing precision: 2880DPI
- Printing speed: in normal printing model: A4(210mm*297mm) size in 50 seconds
In high definition printing model: A4(210mm*297mm) size in 120 seconds
(Printing consuming time is relevant to the printing area)
- Ink consumption: 10ml/square meter (with 80% coverage of color)

Main parts and functions:

Ink system: continuous ink system with 8 ink cartridge. With our power software, you can make it 4 colors (CMYK) with white ink cartridges, or double CMYK.

Printing head: the fifth generation of Japanese solvent-proof printing head is used, which is compatible with water based pigment and dye ink, light solvent pigment and dye ink and strong solvent pigment ink.

Controlling system: high precision servo controlling system ensures accurate registration.

Controlling panel: English version panel, auto cleaning, auto registration, and accurate controlling on the rising and lowering of panel, one press back to original, user friendly.

Structure: the structure of the machine is of aviation aluminum, made in one molding, lightweight and durable, the design service life is no less than 5 years.

Interface: being connected with computer through USB or 1394 interface or interface card.
Drive: self-developed RIP: I-print, adaptable with both Chinese and English operating system. With this software, we can print white ink, and do color calibration. It is user-friendly, efficient and produces high quality product.

Usage: with different ink, we can print on cotton, synthetics, silk, leather, metal, wood, plastic, rosin and food, either on flat surface or curved surface, without coating.

With the software control, CPM03 can print on dark cloth, and imitate the screen printing effect, so it can be used for small order printing and proof printing. The speedy production capacity and stable operation (24 working hours per day) enable it for industrial production. So digital printing is one of the printing techniques with the most potentiality.

CPM04



Parameters:

- Power supply: 110-240V
- Power consumption: 50W
- Machine size: 1320*880*1250MM
- Machine weight: 180kg
- Daily work time allowed: 24 hours
- Printing format: A2 (420mm*600mm)
- Allowed space for printed material: ≤ 80 mm
- Printing precision: 2880DPI
- Printing speed: in normal printing model: A4(210mm*297mm) size in 50 seconds
In high definition printing model: A4(210mm*297mm) size in 120 seconds
(Printing consuming time is relevant to the printing area)
- Ink consumption: 10ml/square meter (with 80% coverage of color)

Main parts and functions:

Ink system: continuous ink system with 8 ink cartridge. Only four colors are needed for printing on rigid material.

Printing head: the fifth generation of Japanese solvent-proof printing head is used, which is compatible with water based pigment and dye ink, light solvent pigment and dye ink and strong solvent pigment ink.

Controlling system: high precision servo controlling system ensures accurate registration.

Controlling panel: English version panel, auto cleaning, auto registration, and accurate controlling on the rising and lowering of panel, one press back to original, user friendly.

Structure: the structure of the machine is of aviation aluminum, made in one molding, lightweight and durable, the design service life is no less than 5 years.

Interface: being connected with computer through USB or 1394 interface or interface card.

Drive: self-developed RIP: I-print, adaptable with both Chinese and English operating system. With this software, we can do color calibration. It is user-friendly, efficient and produces high quality product.

Usage: with different ink, we can print on cotton, synthetics, silk, leather, metal, wood, plastic, rosin and food, either on flat surface or curved surface, without coating.

With the software control, CMP04 can print on dark cloth, and imitate the screen printing effect, so it can be used for small order printing and proof printing. The speedy production capacity and stable operation (24 working hours per day) enable it for industrial production. So digital printing is one of the printing techniques with the most potentiality.



CTP Digital Platemaker

CTP for Various PS plate

CTPA01



Technical Specification:

- Max. plate size: 1160 mm X 940 mm
- Min. plate size: 450 mm X 370 mm
- Applicable plate: Various PS plate for laser imaging
- Laser channel:
 - Type 1 32 channels
 - Type 2 48 channels
 - Type 3 64 channels
- Laser wavelength(nm) : 400 ~410
- Laser power: 200 mw(single)
- Automatic positioning
 - System with high resolution Available
 - By three point method
- Air cooling and purifying system: built- in
- Vacuum system: built -in
- Automatic plate-loading system: Optional
- Max. plate inside the auto-loader: 50P/100 P
- Imaging resolution: 2400 dpi/2540 dpi/2800 dpi
- Actual output speed:
 - Type 1 : 15 P/h
 - Type 2 : 20 P/h
 - Type 3: 25 P/h
 (2400 dpi, width of 1030mm)
- FM screening and FAM Optional
- Hybrid screening
- Dot recovery 1% ~ 99%
- Registration accuracy: 0.01mm
- Plate thickness: 0.15 ~ 0.3 mm
- Operation temperature: 18~ 30 °C
- Relative humidity: 20 ~ 80%, No water condensation
- Machine dimension 1050X1895X1070 mm(W*L*H)
- Machine net weight: 1240 kg
- Power supply: AC 220± 5% 50/60 Hz
- Power: 5.3 KVA

CTPA02



Technical Specification:

- Max. plate size: 1160 mm X 940 mm
- Min. plate size: 450 mm X 370 mm
- Applicable plate: Various PS plate for laser imaging
- Laser channel:
 - Type 1 32 channels
 - Type 2 48 channels
 - Type 3 64 channels
- Laser wavelength(nm) : 400 ~410
- Laser power: 350 mw (single)
- Automatic positioning
 - System with high resolution Available
 - By three point method
- Air cooling and purifying system: built in
- Vacuum system: built in
- Automatic plate-loading system: Optional
- Max. plate inside the auto-loader: 50P/100 P
- Imaging resolution: 1800/2400/2540/2800 dpi
- Actual output speed:
 - (2400 dpi, width of 1030mm)
 - Type 1 : 15 P/h
 - Type 2 : 20 P/h
 - Type 3: 25 P/h
- FM screening and FAM Optional
- Hybrid screening
- Dot recovery 1% ~ 99%
- Registration accuracy: 0.01mm
- Plate thickness: 0.15 ~ 0.3 mm
- Operation temperature: 18~ 30 °C
- Relative humidity: 20 ~ 80%, No water condensation
- Machine dimension 1050X1895X1070 mm(W*L*H)
- Machine net weight: 1240 kg

- Power supply: AC 220± 5% 50/60 Hz
- Power: 5.3 KVA

CTPA03



Technical Specification:

- Max. plate size: 925 mm X 660 mm
- Min. plate size: 320 mm X 320 mm
- Applicable plate: Various PS plate for laser imaging
- Laser channel:
 - Type 1 32 channels
 - Type 2 48 channels
 - Type 3 64 channels
- Laser wavelength(nm) : 400 ~410
- Laser power: 200 mw (single)
- Automatic positioning
 - System with high resolution Available
 - By three point method
- Air cooling and purifying system: built in
- Vacuum system: built in
- Automatic plate-loading system: Optional
- Max. plate inside the auto-loader: 50P/100 P
- Imaging resolution: 2400/2540/2800 dpi
- Actual output speed:
 - Type 1 : 23 P/h
 - Type 2 : 31 P/h
 - Type 3: 36 P/h
 (2400 dpi, width of 745mm)
- FM screening and FAM Optional
- Hybrid screening
- Dot recovery 1% ~ 99%
- Registration accuracy: 0.01mm

- Plate thickness: 0.15 ~ 0.3 mm
- Operation temperature: 18~ 30 °C
- Relative humidity: 20 ~ 80%, No water condensation
- Machine dimension 900X1600X1070 mm(W*L*H)
- Machine net weight: 920 kg
- Power supply: AC 220± 5% 50/60 Hz
- Power: 5.3 KVA

CTPA04



Technical Specification:

- Max. plate size: 925 mm X 660 mm
- Min. plate size: 320 mm X 320 mm
- Applicable plate: Various PS plate for laser imaging
- Laser channel:
 - Type 1 32 channels
 - Type 2 48 channels
 - Type 3 64 channels
- Laser wavelength(nm) : 400 ~410
- Laser power: 350 mw (single)
- Automatic positioning
 - System with high resolution Available
 - By three point method
- Air cooling and purifying system: built in
- Vacuum system: built in
- Automatic plate-loading system: Optional
- Max. plate inside the auto-loader: 50P/100 P
- Imaging resolution: 1800/2400/2540/2800 dpi
- Actual output speed:
 - Type 1 : 23 P/h
 - Type 2 : 31 P/h
 - Type 3: 36 P/h
 (2400 dpi, width of 745mm)
- FM screening and FAM Optional
- Hybrid screening

- Dot recovery 1% ~ 99%
- Registration accuracy: 0.01mm
- Plate thickness: 0.15 ~ 0.3 mm
- Operation temperature: 18~ 30 °C
- Relative humidity: 20 ~ 80%, No water condensation
- Machine dimension 900X1600X1070 mm(W*L*H)
- Machine net weight: 920 kg
- Power supply: AC 220± 5% 50/60 Hz
- Power: 5.3 KVA

CTPA05



Technical Specification:

- Max. plate size: 925 mm X 660 mm
- Min. plate size: 320 mm X 320 mm
- Applicable plate: Various PS plate for laser imaging
- Laser channel:
 - Type 1 48 channels
 - Type 2 64 channels
- Laser wavelength(nm) : 400 ~410
- Laser power: 350 mw (single)
- Automatic positioning
 - System with high resolution Available
 - By three point method
- Air cooling and purifying system: built in
- Vacuum system: built in
- Automatic plate-loading system: Optional
- Max. plate inside the auto-loader: 50P/100 P
- Imaging resolution: 1500/1800 dpi
- Actual output speed:
 - Type 1 : 39 P/h
 - Type 2 : 45 P/h
 (1500 dpi, width of 800mm)
- FM screening and FAM Optional

- Hybrid screening
- Dot recovery 1% ~ 99%
- Registration accuracy: 0.01mm
- Plate thickness: 0.15 ~ 0.3 mm
- Operation temperature: 18~ 30 °C
- Relative humidity: 20 ~ 80%, No water condensation
- Machine dimension 900X1600X1070 mm(W*L*H)
- Machine net weight: 920 kg
- Power supply: AC 220± 5% 50/60 Hz
- Power: 5.3 KVA

Thermal CTP

CTPB01



Technical Specification:

- Max. plate size: 1160 mm X 940 mm
- Min. plate size: 450 mm X 370 mm
- Applicable plate: Various thermal plate
- Laser channel:
 - Type 1 32 channels
 - Type 2 48 channels
 - Type 3 64 channels
- Laser wavelength(nm) : 830
- Automatic positioning
 - System with high resolution Available
 - By three point method
- Air cooling and purifying system: built in
- Vacuum system: built in
- Automatic plate-loading system: Optional

- Max. plate inside the auto-loader: 50P/100 P
- Imaging resolution: 1800/2400/2540/2800 dpi
- Actual output speed: Type 1 : 15 P/h
(2400 dpi, width of 1030mm) Type 2 : 20 P/h
Type 3: 25 P/h
- FM screening and FAM Optional
- Hybrid screening
- Dot recovery 1% ~ 99%
- Registration accuracy: 0.01mm
- Plate thickness: 0.15 ~ 0.3 mm
- Operation temperature: 18~ 30 °C
- Relative humidity: 20 ~ 80%, No water condensation
- Machine dimension 900X1600X1070 mm(W*L*H)
- Machine net weight: 1230 kg
- Power supply: AC 220± 5% 50/60 Hz
- Power: 5.3 KVA

CTPB02



Technical Specification:

- Max. plate size: 925 mm X 660 mm
- Min. plate size: 320 mm X 320 mm
- Applicable plate: Various thermal plate
- Laser channel: Type 1 48 channels
 - Type 2 64 channels
- Laser wavelength(nm) : 830
- Automatic positioning System with high resolution Available

By three point method

- Air cooling and purifying system: built in
- Vacuum system: built in
- Automatic plate-loading system: Optional
- Max. plate inside the auto-loader: 50P/100 P
- Imaging resolution: 1200/1500/1800 dpi
- Actual output speed:
(1500 dpi, width of 800mm)
Type 1 : 39 P/h
Type 2 : 45 P/h
- FM screening and FAM: Optional
- Hybrid screening
- Dot recovery: 1% ~ 99%
- Registration accuracy: 0.01mm
- Plate thickness: 0.15 ~ 0.3 mm
- Operation temperature: 18~ 30 °C
- Relative humidity: 20 ~ 80%, No water condensation
- Machine dimension: 900X1600X1070 mm(W*L*H)
- Machine net weight: 920 kg
- Power supply: AC 220± 5% 50/60 Hz
- Power: 5.3 KVA

CTPB03



Technical Specification:

- Max. plate size: 925 mm X 660 mm
- Min. plate size: 320 mm X 320 mm
- Applicable plate: Various thermal plate
- Laser channel:
Type 1 48 channels
■ Type 2 64 channels

- Laser wavelength(nm) : 830
- Automatic positioning
System with high resolution Available
By three point method
- Air cooling and purifying system: built in
- Vacuum system: built in
- Automatic plate-loading system: Optional
- Max. plate inside the auto-loader: 50P/100 P
- Imaging resolution: 1800/2400/2540/2800 dpi
- Actual output speed:
(2400 dpi, width of 800mm)
Type 1 : 31 P/h
Type 2 : 36 P/h
- FM screening and FAM Optional
- Hybrid screening
- Dot recovery 1% ~ 99%
- Registration accuracy: 0.01mm
- Plate thickness: 0.15 ~ 0.3 mm
- Operation temperature: 18~ 30 °C
- Relative humidity: 20 ~ 80%, No water condensation
- Machine dimension 900X1600X1070 mm(W*L*H)
- Machine net weight: 920 kg
- Power supply: AC 220± 5% 50/60 Hz
- Power: 5.3 KVA

CTPB04



Technical Specification:

- Max. plate size: 830 mm X 660 mm
- Min. plate size: 450 mm X 340 mm
- Applicable plate: Various thermal plate
- Laser channel: Type 1 32 channels
 - Type 2 48 channels
 - Type 3 64 channels
- Laser wavelength(nm) : 830
- Automatic positioning
 - System with high resolution Available
 - By three point method
- Air cooling and purifying system: built in
- Vacuum system: built in
- Automatic plate-loading system: Optional
- Max. plate inside the auto-loader: 50P/100 P
- Imaging resolution: 1800/2400/2540/2800 dpi
- Actual output speed:
 - (2400 dpi, width of 745 mm)
 - Type 1 : 23 P/h
 - Type 2 : 31 P/h
 - Type 3: 36 P/h
- FM screening and FAM Optional
- Hybrid screening
- Dot recovery 1% ~ 99%
- Registration accuracy: 0.01mm
- Plate thickness: 0.15 ~ 0.3 mm
- Operation temperature: 18~ 30 °C
- Relative humidity: 20 ~ 80%, No water condensation
- Machine dimension 900X1490X1070 mm(W*L*H)
- Machine net weight: 850 kg
- Power supply: AC 220± 5% 50/60 Hz
- Power: 4.6 KVA



CTP Processor

Description:

CTP Processor is an updated platesetter which is developed after adopting newest technology and crafts, high automation, easy operation and convenient maintenance.

- 1.Easy Operation
- 2.New Exposure Illuminant

3. Automatic Control for Developing
4. Double-Roller Structure for Plate Delivery
5. Speed of developing can be controlled freely.
6. Roller is easy unloaded, this has the facility of cleaning machine itself.
7. Economical Design
8. Developer Constant Temperature Control

Working Flow:

Input --> First --> washing --> Developing --> Second washing --> Heating --> PS plate output.

Technical Specification:

- Max. Developing Width: 630 mm
- Max. Developing Length: 220 mm
- Developing Speed: 0-12 M/min.
- Tank Capacity: 8 L
- Solution Temp. Control: Digital Constant Temperature
- Solution Heating Power: 2 Kw
- Washing Pressure: ≥ 10 KPa
- Plate Dryer: Hot wind Dryer
- Motor Power: 3 Kw
- Uniform Even Lighting: $> 85\%$
- Exposing Timing Range: 0 -999 S
- Power Supply: 380 $\pm 10\%$ three phase four wires
- Dimension: 2720X960X2065 mm
- Net weight: 200 kg



Die cutting machine

DCM01



Main Features:

1. Segment gear indexing system ensures a smooth and stable transport of paper. Meanwhile, the endurance of machine will be prolonged by reducing the impact on whole machine when running at a high speed with this structure.
2. Adopting new revolving opening gripper bars. The grippers are much less in weight than YAWA's previous products, but much better in strength. Both of the merits contribute to running at higher speed. The position of grippers are able to be adjusted from either left or right side, which increases flexibility when producing products.
3. Adopting new double-elbow structure which keeps the movable platen stable when running at the pressure of 250T (variation of the platens distances become liner). The die-cutting is more stable and setting time becomes less.
4. Adopting new side lays which can fit to all kinds of paper running stably under the condition of fast speed. At the same time, they are also integrated with double sheet control which vastly save job changeover time.
5. Adopting new front lays which can be sorted into two groups and adjusted separately. Simple and reliable structure makes it possible to keep the front lay registering stably and accurately.
6. New developed mechanism gives gentle gripper bar registration, and high precision is easy obtained.
7. Micrometric system and center-line system assure convenient but accurate job changeover and repeating jobs.
8. Smart delivery brush and paper scrapper always provide a perfect paper piling under all speeds.
9. The feeding unit with all our know-how, makes the paper infeed a different perception,

ease the paper loading and improve the stability of paper feeding. Mechanical double sheet and feeding decelerate mechanism are capable as options.

Technical Specification:

- Max.sheet size: 1020×720(mm)
- Min.sheet size: 400×350(mm)
- Max.diecutting area: 1020×705(mm)
- Max.pressure: 250(T)
- Inside chase size: 1080×745(mm)
- Height of cutting rules: 23.8mm
- Min.gripper margin: 9(mm)
- Max.working speed: 7500(sheet/hour)
- Stock range: cardboard 90~2000gsm, E、B flute
- Thickness of diecutting plate: 4mm
- Feeding pile height: 1400(mm)
- Delivery pile height: 1100(mm)
- Rated power: 16(KW)
- Power of main motor: 11(KW)
- Weight of machine: 16.5(T)

DCM02



Advantages:

- 1.The machine is mainly used to die cut paper box, cigarette box, pharmaceuticals box, greeting cards, etc.
- 2.Non-stop feeding and delivery, single sheet proof function available with the machine.
- 3.Efficient and reliable stripping structure.
- 4.Micro-processor composed of PLC and electronic cam positioner to monitor running of whole machine.
- 5.Raised height of 250mm to the machine reduces sheet pile changeover times and labour intensity.
- 6.More visual sketch plus word trouble indications in touch screen on the main unit to enable you to find trouble causes in shortest time to reduce machine down time.
- 7.The machine is designed on the basis of human-machine engineering.

Technical Specification:

- Max.sheet size(mm): 790×560
- Min.sheet size(mm): 310×210
- Max.die-cutting area(mm): 760×520
- Inside chase size(mm): 780×530
- Convertible stock range:
- Paper(g): 90—450
- Cardboard(mm): ≤1.5
- Corrugated board: ≤3 E/B
- Gripper margin(mm): 4—10
- Front waste(mm): 6—14
- Standard distance between
- fix and movable platen(mm): 51.5±0.1
- Height of cutting rules(mm): 23.8
- Max. pressure(tons): 120
- Working speed(s/h): Paper: 5000
Cardboard: 5000
Corrugated board: 4500
With stripping: 4000
- Die cutting plate thickness(mm): 5
- Die cutting plate thickness(mm)optional: 4+1
- Feeding pile height(mm): 1200
- Delivery pile height(mm): 950
- Capacity of heating plate(kw): 10.4
- Rated capacity(kw): 14
- Rated current(A): 24
- Machine weight(tons): 10.5
- Power supply: 400V/50Hz 3Phases+PE
- Machine dimension(mm) without pre-load device: 4668×3600×2210

DCM03



Advantages:

- 1.The machine is an automatic die cutting machine suitable for converting to cardboard and corrugated board. The stock range of the machine is wide. Big size cardboard and corrugated board with the thickness less than 5mm could be done with the machine. And its die-cutting accuracy to corrugated board is higher than that of rotary die-cutting machine.
- 2.The machine introduces automatic die loading system with international patent. Stripping unit and gripper edge delivery unit are available with the machine.
- 3.All protection system and safety limit switches on the door designed in accordance with European CE standards adopt principle of double protection to greatly decreases the operator's labor intensity and increases the operation safety at the same time.
- 4.Adoption of big center distance parallel index intermittent mechanism to the machine makes registration to the gripper bar more stable.
- 5.Introduction of big diameter engaged wheel of main chain sprocket makes gripper bar move more smoothly and give lower noise.

Technical specification:

- Max.sheet size(mm): 1450×1100
- Min.sheet size(mm): 650×450
- Max.die-cutting area(mm): 1420×1075

- Convertible stock range:
- Cardboard(mm): 0.2—2
- Corrugated board(mm): 1.5—5
- Gripper margin(mm): 4—12
- Front waste(mm): 8—16
- Standard distance between
- fix and movable platen(mm): 28.8
- Height of cutting rules(mm): 23.8
- Max. pressure(tons): 400
- Working speed(s/h): Paper
 - Cardboard: 4500
 - Corrugated board: 3500
 - With stripping: 4000
- Die cutting plate thickness(mm): 5
- Die cutting plate thickness(mm)optional: 4+1
- Feeding pile height(mm): 1700
- Delivery pile height(mm): 1445
- Rated capacity(kw): 31
- Rated current(A): 45
- Machine weight(tons): 33
- Power supply: 400V/50Hz 3Phases+PE
- Machine dimension(mm)without pre-load device: 8155×3600×2800
 - with pre-load device: 10950×3600×2800

DCM04



With principle of seriation and standardization, DCM04 is designed and produced at its most to conform to design style of our automatic machine with stripping model DCM05. This gives DCM04 machine good versatility.

FLEXIBILITY:

With modularization design principle, DCM04 offers you flexible function combinations such as: die-cutting and delivery; die-cutting, stripping and delivery; die-cutting, stripping, blanking and delivery.

AUTOMATIC:

Non-stop feeding and delivery, automatic single-sheet inserting as counter, single sheet proof and automatic final job transmission rail reduce operator's labour intensity to its lowest.

HUMANIZATION:

Concise and visual touch screens interface give more convenient operation. Considerable alarming system allows more visual trouble indications.

SECURITY:

The machine is designed strictly in accordance with CE standards. And the safety switches with three contactors in all protection doors and windows ensure operator safety further.

- Max.sheet size(mm): 1050×750
- Min.sheet size(mm): 450×390
- Max.die-cutting area(mm): 1040×730
- Inside chase size(mm): 1120×760
- Convertible stock range:
 - Paper
 - Cardboard(mm): 0.2—1.5
 - Corrugated board: E/B
 - Gripper margin(mm): 4—12
 - Front waste(mm): 8—16
 - Standard distance between
 - fix and movable platen(mm): 32.3±0.1
 - Height of cutting rules(mm): 23.8
 - Max. pressure(tons): 300
 - Working speed(s/h): Paper
 - Cardboard: 4000
 - Corrugated board: 4000
 - With stripping: 4000
 - With blanking: 4000
- Die cutting plate thickness(mm): 5
- Die cutting plate thickness(mm)optional: 4+1
- Feeding pile height(mm): 1350
- Delivery pile height(mm): 1000
- Rated capacity(kw): 24

- Rated current(A): 35
- Machine weight(tons): 22
- Power supply: 400V/50Hz 3Phases+PE
- Machine dimension(mm)without pre-load device: 7260×4520×2440
with pre-load device: 8810×4520×2440

DCM05



Advantages:

- 1.The feeder adopts a revolving air valve with 4 lift suckers and 5 forwarding suckers to ensure high speed feeding
- 2.Non-stop device is standard in feeder and delivery unit
- 3.Specially made gripper bar chains and adjustable gripper bars to ensure the accurate registration to the gripper bars
- 4.Middle position system available both in die cutting and stripping stations to ease your repeat jobs.
- 5.Integrated push and pull side lay to achieve easier push/pull side lay interchange
- 6.Touch screen monitor system for easy operation and trouble shooting indication
- 7.Highly safe and reliable machine

Technical Specification:

- Max. sheet size(mm): 1050×750
- Min. sheet size(mm): 450×390
- Max. die-cutting area(mm): 1040×730
- Inside chase size(mm): 1120×760
- Convertible stock range:
- Paper
- Cardboard(mm): 0.2—1.5
- Corrugated board: E/B
- Gripper margin(mm): 4—11
- Front waste(mm): 8—15
- Standard distance between
- fix and movable platen(mm): 32.3
- Height of cutting rules(mm): 23.8
- Max. pressure(tons): 300
- Working speed(s/h): Paper
 - Cardboard: 6300
 - Corrugated board: 4500
 - With stripping: 5500
- Die cutting plate thickness(mm): 5
- Die cutting plate thickness(mm)optional: 4+1
- Feeding pile height(mm): 1350
- Delivery pile height(mm): 1150
- Rated capacity(kw): 22
- Rated current(A): 43
- Machine weight(tons): 18
- Power supply: 400V/50Hz 3Phases+PE
- Machine dimension(mm) without pre-load device: 6026×4520×2400

DCM06



Advantages:

- 1.Imported AC frequency converter is used in main unit
- 2.Imported air clutch is introduced for machine stop and start
- 3.Imported reliable and durable chain is used to drive gripper bars
- 4.Touch screen interface used to monitor running situation of the machine and indicate machine troubles visually
- 5.Working pressure is adjustable by means of hand wheel
- 6.Non-stop device is standard in feeder and delivery unit
- 7.Side lay available in both push and pull
- 8.Effective stripping station available with the machine

Technical Specification:

- Max.sheet size(mm): 1050×750
- Min.sheet size(mm): 450×370
- Max.die-cutting area(mm): 1040×730
- Inside chase size(mm): 1120×760
- Convertible stock range:
- Paper(mm): 0.2—1.5
- Cardboard(mm): 0.2—1.5
- Corrugated board(mm): ≤3
- Gripper margin(mm): 4—11

- Front waste(mm): 8— 15
- Standard distance between
- fix and movable platen(mm): 32
- Height of cutting rules(mm): 23.8
- Max. pressure(tons): 250
- Working speed(s/h): Paper: 5500
Cardboard: 5500
Corrugated board: 5500
With stripping: 5000
- Die cutting plate thickness(mm): 5
- Die cutting plate thickness(mm)optional: 4+1
- Feeding pile height(mm): 1150
- Delivery pile height(mm): 850
- Rated capacity(kw): 20
- Rated current(A): 43
- Machine weight(tons): 15
- Power supply: 400V/50Hz 3Phases+PE
- Machine dimension(mm)without pre-load device: 5790×4270×2042
with pre-load device: 7460×4270×2042

Foil Stamping machine

FSM 01

Automatic foil stamping, die cutting and striping multi-function machine



Advantages:

1. Efficiency

Quick job changeover between stamping and diecutting with stripping takes just 10 minutes.

New control system provides utmost facilities

2. Flexibility

modularized foil unwinder device is capable for common foil stamping and hologram stamping.

Combines creasing, embossing, die-cutting, stripping, foil stamping and hologram stamping in one machine.

Upmost 6 independent foil feeding in longitudinal.

3. Advanced

Adopted IPC (industrial personal computer) performs excellent in anti-interfere, compatibility, stability and multitask running. High capable motion control board supports various operation system and software programming. PCI slot expandable.

Mabeg feeder is capable for a wide stock range and smooth sheet infeed.

4. Rail support for celerity job changeover from foil stamping to die cutting and stripping.

5. Micro-adjustment on cutting plate is convenient for job make-ready.

6. Foil guider makes foil load an easy thing

7. High precise intergraded thermo control system provides accurate temperature setting, pre-heating and attemperation in each zone.

8. Ingenious pressure system assures exact pressure setting through servo system.

9. AIO (ALL-IN-ONE) foil control ingrates all kinds of foil stamping include common foil, plain laser foil and holographic foil. Full automatic background calculation, graphic interface and step by step work guide, lead to a simple operation.

10. New developed foil step module provides automatic and accurate step setting as well as manual setting, for an utmost use on foils.

Foil simulation module is also introduced to preview foil feeding before real work.

Any parameter (unwinder, step setting, temperature, pressure etc) of a single job could be saved and managed as work logs for either restore or repeat in no time.

Excellent hologram foil register is performed by new detect device and Transcend 09 control system, self-diagnose is granted. (optional)

Optional air blower for foil-sheet separation after stamping, each nozzle is adjustable separately, perfect for thin paper stamping.

Technical Specification:

- Max. sheet size(mm): 1060×750
- Min. sheet size(mm): 450×390
- Stock range(g/m²): 150~1200
- Max. die-cutting size(mm): 1040×730
- inside chase size(mm): 1120×760
- Min. gripper margin(mm): 4

- Max. feeding pile height(mm): 1350
- Max. delivery pile height(mm): 1100
- Max.working pressure(N): 300×104
- Max. working speed(s.p.h): 7500
- Max. stamping speed(s.p.h): 7000
- Max. hologram stamping speed(s.p.h): 6500
- Foil unwinder: 6(standard)
- Numbers of heating zone: 12
- Max. foil feeding length(mm): 720
- Diameter of foil core(mm/inch): 25/1" or 76/3"
- Min. foil width(mm): 15
- Heating capacity(kw): 25
- Rated power(kw): 42
- Dimension(mm)L×W×H: 6000×6000×2450

FSM 02

Automatic Foil Stamping & Die Cutting Machine



Advantages:

1. Advanced controlling system
Microprocessor assisted monitoring and self-diagnosis system with information system controlled by PLC.
2. Unique structure

Multiple foil feeding device designs in two directions

3. Multiple functions

Automatic impression throw-off, air foil separator, weekly timed heating, non-stop feeder and delivery, hologram stamping device.

Technical Specification:

- Max.sheet size(mm): 920×650
- Min.sheet size(mm): 520×440
- Max.die-cutting area(mm): 920×640
- Inside chase size(mm): 940×660
- Convertible stock range:
- Paper(g): 90
- Cardboard(mm): ≤ 1.5
- Corrugated board(mm): ≤ 4
- Gripper margin(mm): 3—10
- Front waste(mm): ≥ 8
- Standard distance between
- fix and movable platen(mm): 53
- Height of cutting rules(mm): 23.8
- Max.pressure(tons): 200
- Max.die-cutting speed(s/h): 5500
- Max.stamping speed(s/h) longitudinal: 4000
transversal: 4000
- Max.hologram stamping speed(s/h): 4000
- Foil advancing shafts (longitudinal): 3
(transversal): 2
- Numbers of heating zone: 12
- Max.foil advancing distance(mm) longitudinal: 600
transversal: 900
- Max.diameter of foil core(mm) longitudinal: 25
transversal: 25
- Min.foil width(mm): 40
- Capacity of heating plate(kw): 20
- Rated capacity(kw): 36
- Machine weight(tons): 12
- Power supply: 3Phases AC380V \pm 10%,50Hz
- Machine dimension(mm)without pre-load device: 4600×4160×2300

FSM 03

Foil Stamping Machine



Advantages:

Microcomputer control system assures exact foil feeding, thermo-control and stamping accuracy

User friendly HMI provides easy and convenient operation

Precise pneumatic pressure control performs excellent no matter stamping threads or plain, thin paper or cardboard

Capable for both common stamping and hologram stamping

Quick job changeover and high productivity create you most value

Emergency stop in arm-length

Technical Specification:

- Max. stamping size: 70×70mm
- Min. stamping size: 10×10mm
- Max sheet size: 600×500mm
- Temperature setting: 1~300℃
- Working speed: 1~70s/min
- Accuracy: ±0.15mm along foil feeding direction
- Power supply: 220V, 50HZ
- Sheet feeding: By hand

FSM 04

Automatic Foil Stamping & Die Cutting Machine



Advantages

1. Transmission of main unit adopt imported A/C frequency converter control, startup and stop of the machine are controlled by means of imported air clutch.
2. Running of the whole machine is controlled by PLC. Interface touch-screen for monitoring machine running condition, trouble indications and their corresponding shooting ways. This is more operator-friendly.
3. Independent temperature control to each heating zone makes operation temperature of the machine more equal and stable. Function of timing pre-heating can enhance working efficiency greatly.
4. Non-stop feeding and delivery available with the machine. The machine is equipped with 3 longitudinal foil pulling shafts and 2 in transversal direction. Foil can be pulled in two directions simultaneously to give more operation flexibility.

Technical Specification:

- Max.sheet size(mm): 790×560
- Min.sheet size(mm): 310×210
- Max.die-cutting area(mm): 760×520
- Inside chase size(mm): 780×530

- Convertible stock range:
- Paper(g): 90—450
- Cardboard(mm): ≤ 1.5
- Corrugated board(mm): ≤ 3 , B/E
- Gripper margin(mm): 4—10
- Front waste(mm): 6—14
- Standard distance between
- fix and movable platen(mm): 51.5 ± 0.1
- Height of cutting rules(mm): 23.8
- Max.pressure(tons): 120
- Max.die-cutting speed(s/h): 5500
- Max.stamping speed(s/h) longitudinal: 5000
transversal: 4500
- Max.hologram stamping speed(s/h): 4000
- Foil advancing shafts (longitudinal): 3
(transversal): 2
- Numbers of heating zone: 8
- Max.foil advancing distance(mm) longitudinal: 750
transversal: 520
- Max.diameter of foil core(mm) longitudinal: 25.4
transversal: 76.2
- Min.foil width(mm): 40
- Capacity of heating plate(kw): 10.4
- Rated capacity(kw): 26
- Rated current(A): 37
- Machine weight(tons): 8
- Power supply: 400V/50Hz 3Phases+PE
- Machine dimension(mm)without pre-load device: 4000×3600×2210

FSM 05

Automatic Foil Stamping & Die Cutting Machine



Advantages:

Automatic foil stamping and die cutting machine is designed to meet the complex need of today's foil stamping, die cutting, embossing and creasing operations.

- 1.The ideal solution for short run jobs
- 2.FSM05 adopts reliable air clutch and PLC.
- 3.Touch screen interface is introduced for monitoring running situation of the machine, data setting and trouble indications.
- 4.FSM05 delivers accurate, adjustable impression for foil stamping, embossing and die cutting on a variety of materials. Two horizontal, cross pull foil feeds are fully programmable, to provide maximum versatility and excellent foil economy. Air blast helps to separate foil from stock on critical jobs.
- 5.Accurate, programmable controller with top quality servo motor and encoder.
- 6.Micrometer adjustment on side guide and front gripper guide.
- 7.Adjustable dwell on impression and missed sheet detector.
- 8.Easily removable 4 zone chase-type heater bed with digital control allows easy change from job to job or from foiling to die cutting.
- 9.Automatic feeder rolls back quickly to give easy access to platen area, repositions and locks up in seconds.
- 10.The honey-comb chase is convenient for loading and energy saving with the 24 hours preheating device.

Technical Specification:

- Max.sheet size(mm): 750×560
- Min.sheet size(mm): 280×220
- Max.die-cutting area(mm): 700×500

- Inside chase size(mm): 1120×760
- Convertible stock range:
- Paper(g/m²): 100—2000
- Cardboard(mm): ≤1.5
- Corrugated board(mm): ≤1.5
- Standard distance between
- fix and movable platen(mm): 30
- Max.pressure(tons): 110
- Max.stamping speed(s/h): 2000
- Foil advancing shafts (transversal): 2
- Numbers of heating zone: 4
- Max.foil advancing distance(mm) transversal: 700
- Max.diameter of foil core(mm) transversal: 180
- Min.foil width(mm): 40
- Capacity of heating plate(kw): 7.2
- Rated capacity(kw): 15
- Rated current(A): 25
- Machine weight(tons): 4.2
- Power supply: 400V/50Hz 3Phases+PE
- Machine dimension(mm)without pre-load device: 2600×1720×1975

FSM 06

Automatic Foil Stamping & Die Cutting Machine



Advantages:

1. Patented six-shaft foil advancing system satisfies your requirements of stamping with either wide or narrow foils. Machine to be with 3-9 foil advancing shafts is for your option.
2. Newly designed foil stamping control system, short and long foil advancing distance synchronized with movement of main unit make foil-stamping effect enhanced greatly. Patented photoelectric detectors make holographic stamping and surface-silver stamping more accurate.
3. Imported famous brand control system monitors running of whole machine. Big LCD as interface to monitor machine-running condition and indicate and diagnose machine troubles.
4. Sliding foil unwinding holder and foil leading device ease foil changeover.
5. Each heating zone could be controlled independently. Desired temperature could be set to each heating zone through LCD screen. Your set and current temperature of each heating zone could be indicated in LCD screen. Timing heating function with the machine could enhance working efficiency greatly. Whole machine is designed and produced in accordance with European CE standards. Its operation security is outstood.

Technical specification:

- Max. sheet size(mm): 1050×750
- Min. sheet size(mm): 450×370
- Max. die-cutting area(mm): 1040×730
- Inside chase size(mm): 1120×760
- Convertible stock range:
 - Paper
 - Cardboard(g/m²): 150×500
 - Corrugated board
- Gripper margin(mm): 4—11
- Front waste(mm): 8—15
- Standard distance between
 - fix and movable platen(mm): 32.3±0.1
 - Height of cutting rules(mm): 23.8
- Max. pressure(tons): 300
- Max. die-cutting speed(s/h): 6000
- Max. stamping speed(s/h) longitudinal: 5500
transversal: 5000
- Max. hologram stamping speed(s/h): 4500
- Foil advancing shafts (longitudinal): 3
(transversal): 2
optional(longitudinal): 6
- Numbers of heating zone: 12
- Max. foil advancing distance(mm) longitudinal: 720
transversal: 1020

- Max.diameter of foil core(mm) longitudinal: 250
transversal: 210
- Min. foil width(mm): 15
- Capacity of heating plate(kw): 25
- Rated capacity(kw): 42
- Rated current(A): 60
- Machine weight(tons): 20
- Power supply: 400V/50Hz 3Phases+PE
- Machine dimension(mm)without pre-load device: 5900×4580×2630
7800×4580×2630

FSM 07

Automatic Foil Stamping & Die Cutting Machine



Advantages:

- 1.It is possible to feed foil in longitudinal and transversal directions with the machine. Three longitudinal feeding shafts and two transversal feeding shafts could satisfy your requirements of line stamping, wide foil stamping and big area stamping. It is possible to have six foil feeding shafts in longitudinal direction.
- 2.Whole machine is designed and produced in accordance with European CE standards to outstand its safety. New designed foil stamping control system, short and long foil advancing distance synchronized with movement of main unit make foil-stamping effect enhanced greatly. Patented photoelectric detectors make holographic stamping and

surface-silver stamping more accurate.

3.Sliding foil unwinding holder and foil leading device ease foil changeover. There are foil use-up reminding function and auto foil broken detecting alarm and auto machine stop because of it.

4.Famous brand control system monitors running of whole machine. Big LCD as interface to monitor machine-running condition and indicate and diagnose machine troubles.

5.Each heating zone could be controlled independently. Desired temperature could be set to each heating zone through LCD screen. Your set and current temperature of each heating zone could be indicated in LCD screen. Timing heating function with the machine could enhance working efficiency greatly.

Technical specification:

- Max.sheet size(mm): 920×650
- Min.sheet size(mm): 520×440
- Max.die-cutting area(mm): 920×640
- Max.stamping area(mm): 900×600
- Inside chase size(mm): 940×660
- Convertible stock range:
- Paper(g/m²): 90
- Cardboard(mm): ≤1.5
- Corrugated board(mm): ≤4
- Gripper margin(mm): 3—10
- Front waste(mm): ≥8
- Standard distance between
- fix and movable platen(mm): 53
- Height of cutting rules(mm): 23.8
- Max.pressure(tons): 200
- Max.die-cutting speed(s/h): 6000
- Max.stamping speed(s/h) longitudinal: 6000
transversal: 5000
- Max.hologram stamping speed(s/h): 5500
- Foil advancing shafts (longitudinal): 4
(transversal): 2
optional(longitudinal): 6
- Numbers of heating zone: 12
- Max.foil advancing distance(mm) longitudinal: 600
transversal: 900
- Max.diameter of foil core(mm/inch) longitudinal: 25.4/1”
transversal: 76.2/3”
- Min.foil width(mm): ≥20
- Max.feeding pile height(mm): 1250
- Max.delivery pile height(mm): 1350
- Capacity of heating plate(kw): 20

- Rated capacity(kw): 48
- Rated current(A): 60
- Machine weight(tons): 12.5
- Power supply: AC3Phases/PE400-50Hz
- Machine dimension(mm)without pre-load device: 5425×2582×2360

FSM 08

Automatic Foil Stamping & Die Cutting Machine



Advantages:

1. Advanced controlling system

FSM08 is designed to meet the complex need of today's foil stamping, hologram stamping, die cutting, embossing and creasing operations. Microprocessor assisted monitoring and self-diagnosis system with information system controlled by PLC.

2. Unique structure

Three longitudinal foil pulling shafts are fully programmable to provide maximum versatility and excellent foil economy. Embossing and stamping can be finished at one time.

3. Multiple functions

12 heating zones design with a honeycomb base. The machine is equipped with automatic impression throw-off, airfoil separator, non-stop feeder and delivery.

Technical Specification:

- Max.sheet size(mm): 1050×750

- Min.sheet size(mm): 450×370
- Max.die-cutting area(mm): 1040×730
- Inside chase size(mm): 1120×760
- Convertible stock range:
- Paper(g/m²): 150—500
- Cardboard(g/m²): 150—500
- Gripper margin(mm): 4—11
- Front waste(mm): 8—15
- Standard distance between
- fix and movable platen(mm): 32
- Height of cutting rules(mm): 23.8
- Max.pressure(tons): 250
- Max.die-cutting speed(s/h): 5500
- Max.stamping speed(s/h) longitudinal: 4000
- Foil advancing shafts (longitudinal): 3
- Numbers of heating zone: 12
- Max.foil advancing distance(mm)longitudinal: 700
- Max.diameter of foil core(mm) longitudinal: 180
- Min.foil width(mm): 45
- Capacity of heating plate(kw): 21
- Rated capacity(kw): 51
- Rated current(A): 52
- Machine weight(tons): 20
- Power supply: 400V/50Hz 3Phases+PE
- Machine dimension(mm)without pre-load device: 6000×4640×2140



Folder and gluer

FG01

Automatic Tray Former



Brief Introduction:

FG01 automatic tray former has good flexibility. and it can be widely used to glue, seal and form soft and hard boxes in pharmacy, food, cosmetic and other light industry. The machine is composed of main transmission unit, feeding unit, conveying unit, gluing unit, mandrel forming unit, box collecting unit, electric system, accessories and so on. Its working principal is to feed, glue and mandrel form with mandrel creased blank, then count the erected boxes to finish the whole box erecting procedure.

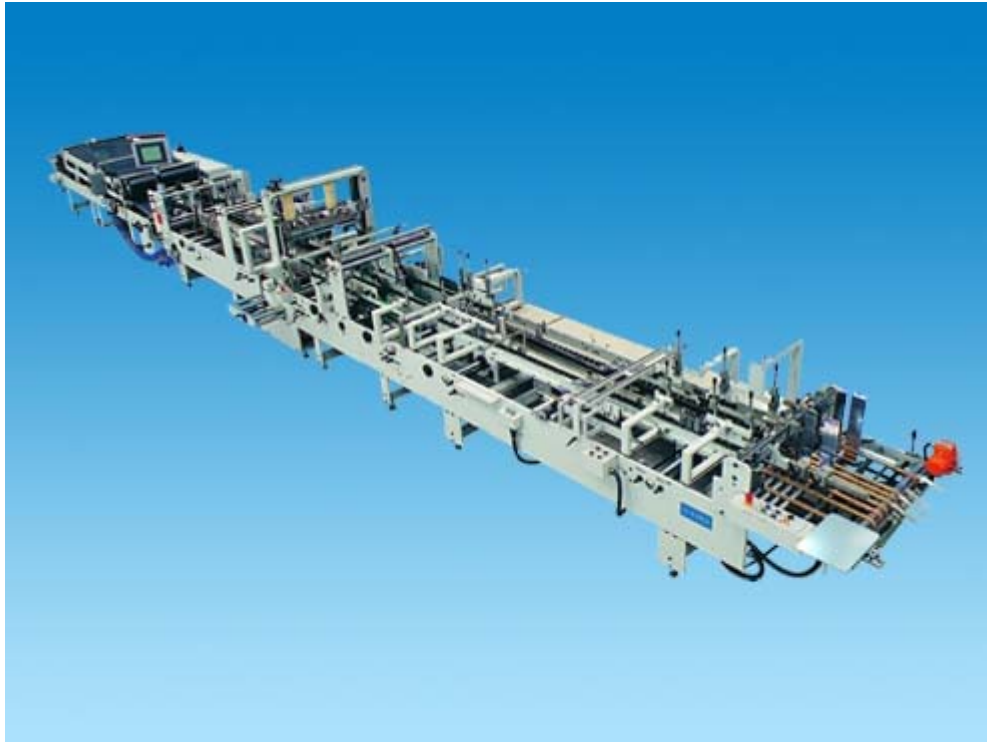
- 1.The finished box on the machine is erected box, which is different from traditional folder gluer.
- 2.Stable and precise conveying, lower waste.
- 3.Shorter non-working path during mandrel box forming; higher productivity.
- 4.Flexible and simple machine operation; easy maintenance and low machine noise.
- 5.The machine conforms to CE standards.

Technical Specification:

- Max.blank size(mm): 650×450
- Min.blank size(mm): 100×100
- Max.speed(b/h): 9000
- Convertible stock(gsm): Carton: 200-600
- Air pressure(bar): 6
- Taper: 5-40

FG02

Automatic Folder Gluer



Brief Introduction:

FG02 automatic folder gluer is flexible and is widely used in folding gluing field to deal with many boxes such as soft and hard standard boxes, special boxes and also corrugated board boxes. Modularization design allows you to have multi function combinations to realize your diverse job requirements. Main transmission system adopts imported A/C frequency converter and timing belts. HABASIT brand rubber belts are introduced as transmission conveyor. Import LCD touch-screen indicates machine speed, production and also trouble alarming. Parameters could be set and stored in the screen. Prebreaker section, kicker counting, pneumatic pressure adjustment and remote operation control panel available with the machine make machine operation more convenient.

Technical Specification:

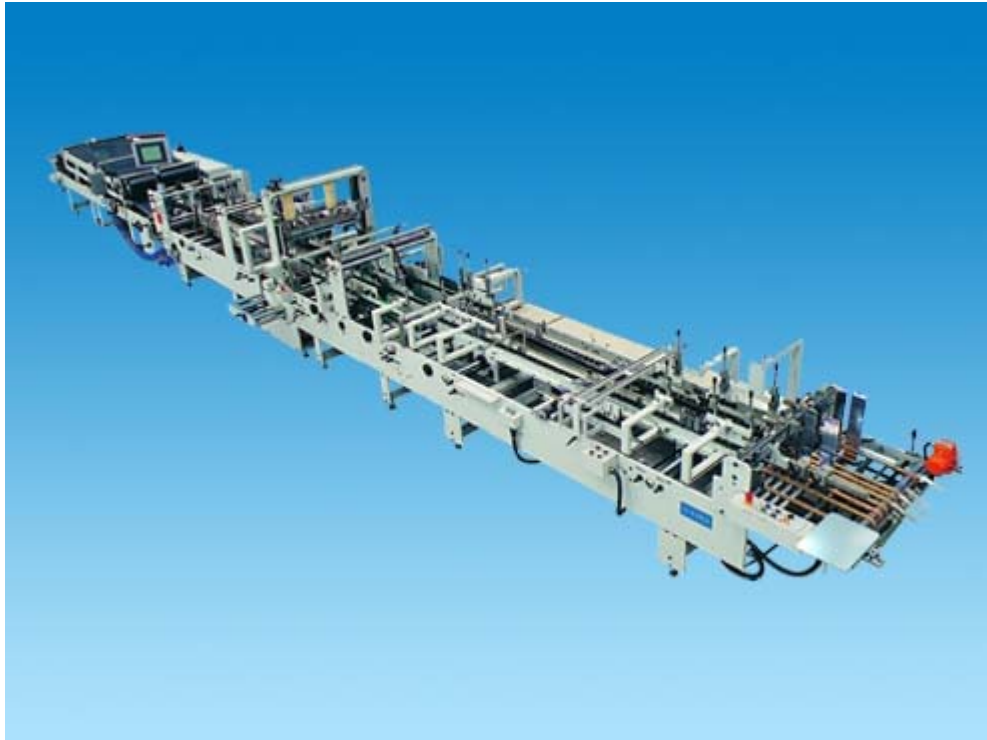
- Stock range: Cardboard:180-650gsm
Corrugated board:E/F/N flute
- Box type: Straight-line
 - Double wall
 - Crash-lock bottom
 - Four/six corner (optional)
- Max. mechanical Speed (m/min): 400
- Total capacity (kw): 19(Basic machine)

32 (Basic machine with optional 4/6 corner glueing section)

- Main motor capacity(without/with 4/6corner section) (kw): 11/15
- Weight (kg):5150(Basic machine)
5900(Basic machine with optional 4/6 corner glueing section)
- Dimension(mm) (L×W×H): 12320×1785×1750(Basic machine)
14000×1785×1750(Basic machine with optional
4/6 corner glueing section)

FG03

Automatic Folder Gluer



FG03 automatic folder gluer is flexible and is widely used in folding gluing field to deal with many boxes such as soft and hard standard boxes, special boxes and also corrugated board boxes. Modularization design allows you to have multi function combinations to realize your diverse job requirements. Main transmission system adopts imported A/C frequency converter and timing belts. HABASIT brand rubber belts are introduced as transmission conveyor. Import LCD touch-screen indicates machine speed, production and also trouble alarming. Parameters could be set and stored in the screen. Prebreaker section, kicker counting, pneumatic pressure adjustment and remote operation control panel available with the machine make machine operation more convenient.

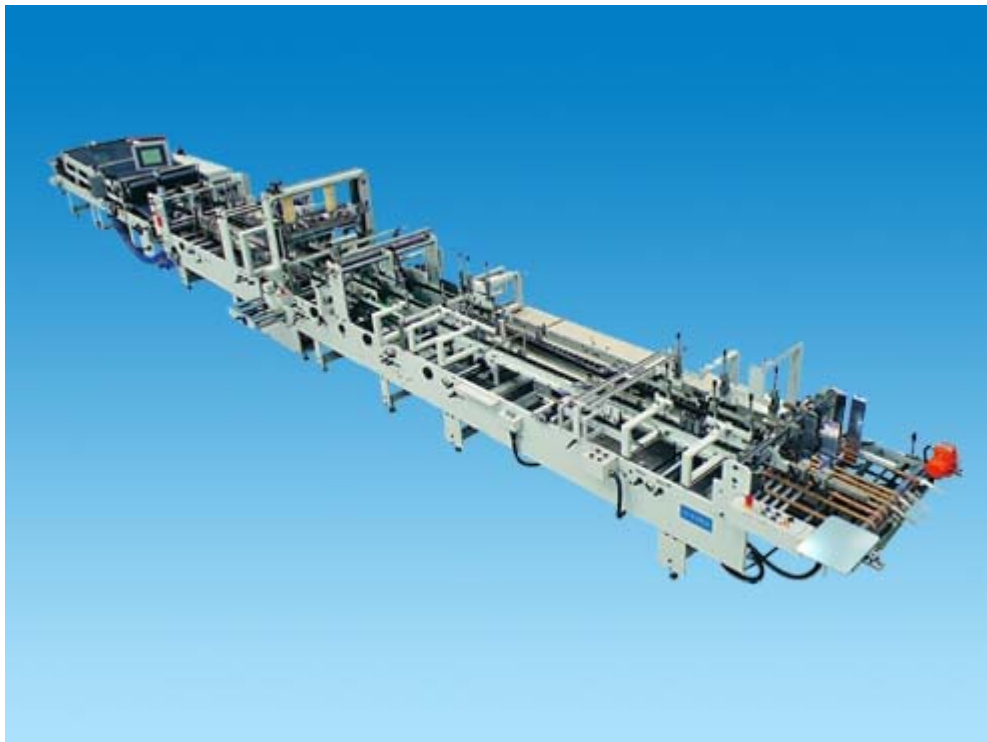
Technical Specification:

- Stock range: Cardboard:180-650gsm
Corrugated board:E/F/N flute

- Box type: Straight-line
Double wall
Crash-lock bottom
Four/six corner (optional)
- Max. mechanical Speed (m/min): 400
- Total capacity (kw): 19(Basic machine)
32 (Basic machine with optional 4/6 corner glueing section)
- Main motor capacity(without/with 4/6corner section) (kw): 11/15
- Weight (kg):5620(Basic machine)
5900(Basic machine with optional 4/6 corner glueing section)
- Dimension(mm) (L×W×H): 12320×1985×1750(Basic machine)
14000×1785×1750(Basic machine with optional 4/6 corner glueing section)

FG04

Automatic Folder Gluer



Brief Introduction:

FG04 automatic folder gluer is flexible and is widely used in folding gluing field to deal with many boxes such as soft and hard standard boxes, special boxes and also corrugated board boxes. Modularization design allows you to have multi function combinations to realize your diverse job requirements. Main transmission system adopts imported A/C frequency converter and timing belts. HABASIT brand rubber belts are introduced as transmission conveyor. Import LCD touch-screen indicates machine speed, production

and also trouble alarming. Parameters could be set and stored in the screen. Prebreaker section, kicker counting, pneumatic pressure adjustment and remote operation control panel available with the machine make machine operation more convenient.

Technical Specification:

- Stock range: Cardboard:180-650gsm
Corrugated board:E/F/N flute
- Box type: Straight-line
Double wall
Crash-lock bottom
- Max. mechanical Speed (m/min): 400
- Total capacity (kw): 15.5(Basic machine)
- Main motor capacity (without/with 4/6corner section) (kw): 7.5
- Weight (kg): 4700(Basic machine)
- Dimension(mm) (L×W×H): 12321×1585×1750

Laminating machine

LM01



Features

1. Dual-position, double-arm and double-cutter unwind unit, and nonstop splicing reel.
2. Lami. cooling roller, lami. pressure roller and backpressure roller press each other respectively.
3. Steady laminating pressure, and extruding film has the good smoothness.
4. Anilox roller glues quantitatively; pressure roller is the initiative roller.

5. Air second used design can save the source and reduce the cost.
6. Six-section tension control, PLC systemic control
7. Die head for the extruder can extrude double layers.
8. Man-Machine-Interface operation is easy, direct-view and safe.

Technical specification:

- Max lam. Width: 1250mm
- Max lam.speed: 180m/min
- Main unwind dia: Φ 800mm
- Auxiliary unwind dia: Φ 500mm
- Rewind dia: Φ 1000mm

LM02



Features

1. Gravure print and back coating are controlled with the independent motors.
2. Wet laminating is driven with the servomotor with the multi-rollers coating in uniform and stable coating volume.
3. The wool-paper roller and the steel roller press each other to complete the embossing with the good patterns.
4. Automatic dual-position splicing systems are used in rewinding and unwinding in high automation and high efficiency.
5. Over is in three-section temperature control in high efficiency and stability quality.
6. Imported PLC close-loop tension control system is used in the machine for constant tension.
7. Luxury appearance design.

Technical specification:

- Max web width: 1050 mm
- Lam./emboss speed: 150m/min
- Unwind paper dia: $\Phi 1500\text{mm}$
- Unwind alfoil dia: $\Phi 500\text{mm}$
- Rewind dia: $\Phi 1500\text{mm}$

LM03



Features

1. Pneumatic open/close drying hood in safe design, enclosed up/down drying hoods reduce the residual impregnant at maximum and also make the web pulling conveniently.
2. Rewind rotary turret with the web-pressed roller, and reel is braced with shaftless cones or pneumatic shaft.
3. Independent double-arm dual-working position rotary turret, and single- working position is used for the 2nd alfoil unwinding.
4. Laminating roller is driven independently; close-loop tension control makes the films laminated at the same tension and the finished product is very smooth and tidy.
5. Imported EPC system assures the unwinding web edge tidy.
6. Doctor system at three-dimension adjustment
7. The design has the ideas of safety and environment protection; early-volatilized solution is discharged before going into the drying hood.

Technical specification:

- Max lami.speed: 150m/min (alfoil lami.80-100m/min)
- The 1st unwind dia: Φ 600 mm
- The 2nd unwind dia: Φ 600 mm
- Rewind dia: Φ 800 mm
- Drying method: electricity heating, steam heating or oil heating(choose freely)

LM04



Features

- 1.Independent double-arm, dual-working position rotary turret
- 2.Heavy doctor in independent driving can be adjusted at three dimensions for controlling doctor vibration efficiently
- 3.Feeding roller system and low-damping dancer system control the tension fluctuation efficiently.
- 4.Gluing pressing roller with direct pressure makes the web breadth at even pressure.
- 5.Imported EPC system assures the unwinding edge smooth and tidy.
- 6.Three-roller system with direct pressure makes the whole web even pressure; double-chill roller system is at S-type with good cooling effect; they have the active performance and tension is very stable.
7. Anilox roller is driven independently with varispeed control.
8. Safety design, drying hood has the anti-explosion discharge device.

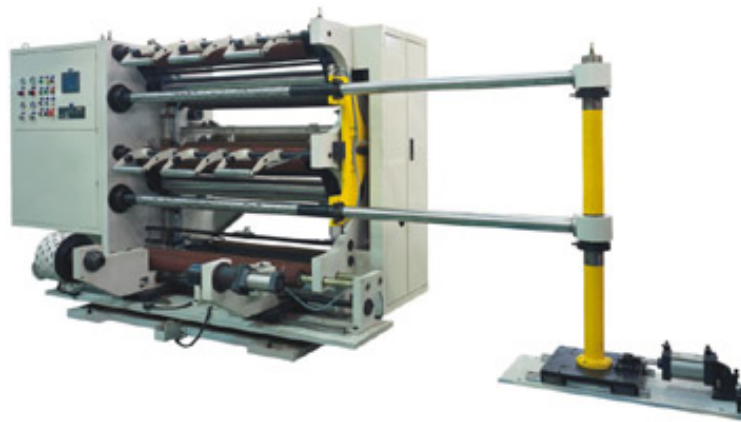
Technical specification:

- Max lami.speed: 200m/min (alfoil lami 100-120m/min)
- The 1st unwind dia: Φ 600 mm、 Φ 800 mm

- The 2nd unwind dia: $\Phi 600$ mm、 $\Phi 800$ mm
- Rewind dia: $\Phi 800$ mm、 $\Phi 1000$ mm
- Drying method: electricity heating, steam heating or oil heating(choose freely)

Slitting machine

SM01



Features

1. Vertical structure, unwinding and rewinding can be done at the same side.
2. Unwinding reel is clamped pneumatically with shaftless cones; reel width is electrically controlled and also with line position control LPC system.。
3. Ultrasonic reel diameter detector is used with residual reel alarming system
4. Pneumatic slip- rewinding shaft; automatic setting-length alarm system.
5. Backpressure reel-pressed cylinder makes rewinding reel tidy and good tightness.
6. Man-machine-interface, CPU centralized control system
7. Small area occupancy and one person can operate it freely.

Technical specification:

- Max unwind dia: $\Phi 800$ mm
- Max rewind dia: $\Phi 500$ mm
- Reel width range: 600—1300mm
- Slitting width: 50—1300mm
- Slitting accuracy: ± 0.3 mm
- Max slitting speed: 300m/min (PE、PVC \leq 200m/min)
- Rewind accuracy: ± 0.3 mm

SM02



Features

1. Pneumatic unwinding shaft, pneumatic dancer arm assists to complete reel loading, pneumatic brake controls tension, also with the platform for web ends to butt jointing.
2. Ultrasonic reel diameter detector is used with residual reel alarming system
3. Two sets of LPC control systems at high accuracy control, one is unwinding LPC control system and the other is course LPC control system.
4. Pneumatic rewinding shaft, dancer arm support, double rewinding shafts, setting- length alarm system, automatic machine stop.
5. Rewinding adopts the mode of constant rotate speed or constant linear speed.
6. Rewinding reel-unloading system can reduce the intensity of labor.
7. Man-machine-interface, CPU centralized control system.

Technical specification:

- Max unwind dia: $\Phi 500\text{mm}$
- Max rewind dia.: $\Phi 1000\text{mm}$
- Reel width: 500mm—800mm
- Slitting width: 48mm、60mm、72mm
- Slitting accuracy: $\pm 0.1\text{mm}$
- Max slitting speed: 300m/min
- Rewind accuracy: $\pm 0.3\text{mm}$

SM03



Features

- 1.Horizontal structure, unwinding/rewinding can be completed at double sides.
- 2.Unwinding reel is clamped with cones; hydraulic device assists to complete the reel loading and LPC system controls the line position of the web.
- 3.Ultrasonic reel diameter detector is used with residual reel alarming system.
- 4.Constant tension for unwinding, taper tension for rewinding
- 5.Imported pneumatic slip-rewinding shaft; setting- length alarm system; automatic two-step machine stop
- 6.Backpressure reel-pressed cylinder makes rewinding reel tidy and good tightness.
- 7.Man-machine-interface, CPU centralized control system
- 8.Humanistic design, convenient loading/unloading

Technical specification:

- Max unwind dia: $\Phi 800\text{mm}$
- Max rewind dia.: $\Phi 500\text{mm}$
- Reel width: $600 - 1300\text{mm}$
- Slitting width: $50 - 1300\text{mm}$
- Slitting accuracy: $\pm 0.3\text{mm}$
- Max slitting speed: 300m/min (PE、PVC $\leq 200\text{m/min}$)
- Rewind accuracy: $\pm 0.3\text{mm}$

Others

Glue Binding Machine

Description:

Pneumatic structure, quality performance, reliable clamping. Two gluing rollers and one counterclockwise turning glue roller guarantee even and solid glue coating. Adjustable mechanism makes smooth book back and clear edge. Edge-round binding is also available. Positioning plate is adjustable to ensure satisfied gluing of various thicknesses. Centralized program, automatic control, liquid crystal display and presetting are all realized on this binding machine.



Technical specification:

- Max. Binding length: 320 mm
- Max. Binding thickness: 50 mm
- Max. Binding speed: 300 books/hour
- General Power: 1.5 KW
- Milling way: Round+small milling knives
- Folding Pages for milling: 3
- Net weight: 200 kgs
- Dimension: 1375X 450X 1030 mm

Numbering &

Perforating Machine

It is a special sheet-fed numbering machine. It is able to complete the numbering in lateral and radial space perforate and resin plate printing.

This machine has perfect numbering position and legible print. The perforating, head line and company chop print can be done at the same time. It is the best choice in the bond securities field due to its easy operation and reliable quality



Technical Specification:

- Max. Printing Size: 310X 400 mm
- Max. Paper Size: 340X 470 mm
- Paper Weight: 28 ~ 255 g/m²
- Printing Speed: 2000 ~ 8000 sheet/hour (Frequency Inverter)
- Max. Numbering Box: 35
- Anastatic Plate Size: 50X 470 mm
- Feed Capacity(H): 400 mm suction
- Delivery Capacity (H): 420 mm chain
- Ink Roller: 6 rollers(2 ink form rollers)
- Rated Consume Power: 850 W
- Power: Single-phase 220 V/50 Hz
- Dimension: 1340X1040X`1420 mm(packing) 1235X840X1285 mm(machine)
- Weight: 400 kg(gross) 280 kg (net)