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UP GROUP

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2024-精品彩箱解决方案-V1

Website

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High-Quality Carton Production Solutions

Shanghai UPG International Industry & Trade Group Co., Ltd.



Single Facer



Coating Machine



Die Cutter



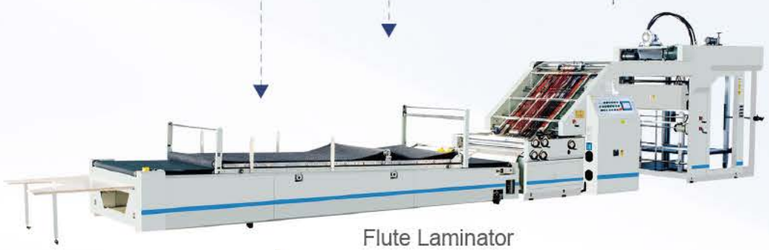
CTP



CTP Plate Processor



Offset Printing Press



Flute Laminator

Printing



Paper Sheeting Machine



Laminator



Folder Gluer

Pre-Press

Printing

LQ-MD 165/145/130
Large Format Sheet Fed Offset Printing Press



Main Configuration

- Pressure preset
- Paper preset
- Semi-automatic plate mounting (optional)
- Dampening solution circulation system (optional)

Technical Specification

Model	LQ-MD 165	LQ-MD 145	LQ-MD 130
Max. Paper Size	1040×1620 mm	1040×1450 mm	1300×1020 mm
Min. Paper Size	600×920 mm	600×720 mm	600×720 mm
Max. Printing Size	1010×1620 mm	1010×1420 mm	1010×1300 mm
Sheet Thickness	0.1-0.6 mm	0.1-0.6 mm	0.1-0.6 mm
Blanket Size (with aluminum clip)	1200×1310×1.95 mm	1200×1430×1.95 mm	1200×1630×1.95 mm
Plate Size	1107×1310×0.3 mm	1107×1430×0.3 mm	1107×1630×0.3 mm
Max. Speed	10000 s/h	12000 s/h	12000 s/h
Sheet Thickness	1500 mm	1500 mm	1500 mm
Main Motor Power (five color)	55 kw	55 kw	55 kw
Total power (five color)	125 kw	125 kw	125 kw
Weight (five color)	88500 kg	85000 kg	83500 kg
Overall Dimensions (five color)	14590×4970×2840 mm	14400×4770×2840 mm	14400×4650×2840 mm

TYM-1450/1300
Automatic Die Cutting Machine



Structure Characteristic

Equipped with 4pcs longitudinal foil shaft and 3/4pcs lateral foil shaft, which make the step setting more flexible for the big size foil stamping Max. foil-stamping size can be 1290x950/1450x1050mmThe optimized design of moving platform extends the pressure holding time for the stamping by 80%, and the embossing pressure can reach up to 500/800 tons, making it easy to complete large-scale embossing, The foil stamping heating area adopts 20/24 heating zones to make the heating more uniform. Each temperature zone has a separate closing function to make the small formatfoil stamping more energy saving and lower operating costs.

Technical Specification

Model	TYM1450-H	TYM1300-H
Max Paper Size	1450×1050 mm	1300×960 mm
Min Paper Size	500×420 mm	500×450 mm
Max Die-cutting Size	1440×1040 mm	1290×950 mm
Paper Thickness	Cardboard 80-2000 g Corugated Paper≤4 mm	Cardboard 80-2000 g Corrugated Paper≤4 mm
Max Foil Diameter	210 mm/3"	210 mm/3"
Quantity of Heating Area	24	20

LQ 1350
Folding Carton Gluer



Application Range

straight-line box, lock-bottom box, four corner box, six corner box, mini box, inner box, CD and folder box, double wall box, hanging head box, special shaped box

Automatic adjustment module(optional)

We have an automatic drive unit for each carrier it can be adjusted automatically with HT200 operating system. The system can automatically save all processed produc date for the next processing. When you need just put one key, all carrier will be automatically moved to the first position.

Technical Specification

Model	LQ 1350
Carton And Board Up To	800 g/m^2
Max.Thickness Of A Folded Box	15 mm
Inching Speed	25 m/min
Variable Running Speed Up To	500 m/min
Total Power	25 kw
Max.floor Space	2.50×18 m

LQ 1450/1700
Automatic High Speed Flute Laminator



Structure Characteristic

Computerized high speed lamination can be up-to 189 m/min Self-made four sucking and five forwarding suckers heavier feeder ensures that the machine runs smoothly with no missing of sheet, even at high speed. Direct push paper loading device is available for option.

Sensing and compensation and alignment device uses several group of sensors to sense the relative position of the running corrugated board so that two servo motors at left and right side of the top paper can drive independently to align top paper with corrugated paper with high accuracy and high speed.

Technical Specification

Model	LQ 1700E	LQ 1450E
Max. Sheet Size	1700×1650 mm	1450×1450 mm
Min. Sheet Size	400×360 mm	400×360 mm
Sheet Weight	150-450 gsm	150-450 gsm
Appropriate Sheet Thickness	0.5-10 mm	0.5-10 mm
Bottom Paper Sheet Weight	> 250 gsm	> 250 gsm
Max. Machine Speed	189 sheet/min	189 sheet/min
Lamination Precision	±1.5 mm	±1.5 mm
Total Power	27.5 kw	22 kw
Overall Dimension	16000×2450×2800 mm	15000×2250×2750 mm
Total Weight	8000 kg	7000 kg

LQ-UI1450D

Automatic Dual-Purpose High-Speed Coating Machine



Structure characteristic

Special paper coating machine is an important equipment for the surface finishing, processing and production of cartons and other paclaging products. The feling is thicker and fluer, the color is more vivid and bright, the gloss and artistic effect of the printed matter are improved, which plays a beautifying role it is one of the must-choices for deplasticizing green environmental protection packaging processing equipment. This machine is a dua-purpose high-speed coating equipment, which can be used for UV coating, primer coating, and two times of water-based varnish coating. The main engine is processed in one-piece casting. which is stable and durable without deformation, Coating structure with two reverse running directions, suitabie for: touch varnish, blister varnish, water-based matte/varnish, UV varnish, digital coating fluid, etc.

Technical Specification

Model	LQ-UI1450D
Max Paper Size (L×W)	1650×1450 mm
Min Paper Size (L×W)	600×500 mm
Mechanical Speed	0-100 m/min
Paper Weight	250-450 gsm
No.xUV Lamp	3×13 kw
No.xIR Lamp	30×2.3 kw
Weight	11 t
Overall Dimension	22107×2250×2195 mm

LQ 1650/1450/1300

Water-Based Fully Automatic Laminating Machine



Main Configuration

- Suitable for both water-based and thermal film lamination.
- Separate door design: safer operation, easier maintenance and simpler use.
- Electric shaftless feed head+ electric left pile guide: greater freedom of workforce.
- Powder removal system: electrostatically absorbs dust and powder via a heating roller to enhance the brightness and fastness of the film.
- Large diameter laminating rollers+drying roller: Better lamination effect and film fastness.
- Electromagnetic heater: fast temperature rise, accurate control with a tolerance of±1℃.

Technical Specification

Model	LQ 1650	LQ 1450	LQ 1300
Max. Sheet Size	1450×1650 mm	1450×1450 mm	1300×1650 mm
Min. Sheet Size	450×450 mm	390×450 mm	450×450 mm
Aminating Speed	0-100 m/min	0-100 m/min	0-100 m/min
Chain Knife Speed	/	/	/
Sheet Thickness	100-500 g/m^2	100-500 g/m^2	100-500 g/m^2
Gross Power	120/60 kw	120/60 kw	110/55 kw
Weight	14500 kg	13500 kg	13300 kg
Dimension	13050×2870×3250 mm	12200×2870×2800 mm	13050×2750×3250 mm
Pre-stacker	4000 mm	4000 mm	4000 mm

LQ-1450SH/1100SH
High Speed Paper Sheeting Machine



Description

It is suitable for slitting all kinds of high-grade folio packaging paper , With a speed of up to 560 knives/min and adopts an intelligent control system, Which can realize automatic paper splicing, Deviation correction, Barcode two-dimensional code and other variable data printing, Drying, Warping and leveling, Bench marking and slitting, Automatic adjustment of overlapping and delivery positions and automatic palletizing, restacking and paper stacking output.

Technical Specification

Model	LO-1450SH	LO-1100SH
Cutting Type	Synchro-Fly Twin Knife	Synchro-Fly Twin Knife
Web Width Range	400-1450 mm	400-1100 mm
Pile Height Including Pallet	1350 mm	1350 mm
Gross Pile Weight	2000 kg	2000 kg
Max Speed	300 m/min	300 m/min
Printing Speed	Barcode 160 m/min or code 220 m/min	Barcode 160 m/min or code 220 m/min
Knife Load-cross Cutter	50-600 gsm	50-600 gsm
Precision	±0.15 mm	±0.15 mm
Dimensions	17300×4000×2700 mm	17300×4400×2700 mm

LQ-320S
Single-Face Corrugated Machine



Structure Characteristic

1. Cardboard transmitting method adopts wind absorption, and keep flute profiles stable under the running condition of high speed.
2. The wind machine absorbs corrugated paper to corrugated rollers through vacuum box and form corrugated profile.
3. The width of wind groove of lower roller is not exceeding 2.5mm, and will less fringe marks of single corrugated paperboard.
4. Transmission part adopt gimbal transmission, away from vibration source, and make the transmission more steady and reliable, and easy to maintain.
5. The speed reducing box is oil-lubricating, close gear transmission, and will reduce machine vibration.

Technical Specification

Model	LQ-320S
Machine Width	max 1800 mm, min: 900 mm
Max Speed	150 m/min
Working Pressure	0.6-0.9 Mpa
Steam Work Pressure	0.8-1.3 Mpa
Steam Consumption	0.65-1 t/h
Machine Power	34.45 kw
Working Power	380 V, 50 Hz
Dimension	3400×2400×2300 mm

LQ-EY1450

Thermal & UV Computer to Plate System (CTP)



Product Description

Key components are imported from oversea and joint ventures. Their performance is better than that of similar domestic products. The marble base of the CTP, stable and reliable components/raw materials make the dots quality and stability much better than other suppliers. We have established good quality assurance system and has passed the ISO 9001-2008 certification and CE certification.

Technical Specification

Model	LQ-EY1450T-I	LQ-EY1450T-II	LQ-EY1450U-I	LQ-EY1450U-II
Laser system	830nm LD, 64 channels	830nm LD, 96 channels	405nm LD, 64 channels	405nm LD, 96 channels
Resolution	2400dpi			
Output speed (1450mm×1150mm)	18p/h	23p/h	18p/h	23p/h
Exposure Structure	External drum			
Plate size	Max.1450mm×1180mm; Min.650mm×550mm			
Exposure Structure	Thermal(830nm) 0.15-0.4mm		UV(405nm) 0.15-0.4mm	

LQ-EY1700

Thermal & UV Computer to Plate System (CTP)



Product Description

Key components are imported from oversea and joint ventures. Their performance is better than that of similar domestic products. The marble base of the CTP, stable and reliable components/raw materials make the dots quality and stability much better than other suppliers. We have established good quality assurance system and has passed the ISO 9001-2008 certification and CE certification.

Technical Specification

Model	LQ-EY1700T-I	LQ-EY1700T-II	LQ-EY1700U-I	LQ-EY1700U-II
Laser system	830nm LD, 64 channels	830nm LD, 96 channels	405nm LD, 64 channels	405nm LD, 96 channels
Resolution	2400dpi			
Output speed (1630mm×1325mm)	12p/h	17p/h	12p/h	17p/h
Exposure Structure	External drum			
Plate size	Max.1670mm×1330mm; Min.650mm×550mm			
Exposure Structure	Thermal(830nm) 0.15-0.4mm		UV(405nm) 0.15-0.4mm	

LQ-TPD1650/1450

Automatic Thermal CTP Plate Processor



Computer-controlled automatic thermal CTP Plate processor LQ-TPD series are included steps as follow: Developing, Washing, Gumming, Drying. Unique solution cycle ways and accurate temperature control, guarantee accurate and uniform Lattice reappearance.

1. Computer-controlled process, suitable for 0.15-0.4mm all kinds of CTP Plate.
2. Solution of the liquid temperature PID control, accuracy up to±0.5℃.
3. Scientific solution of the circulatory system to ensure uniform temperature.
4. Developing speed, brush rotate speed is all digitally processed,stepless gear is also available.
5. Temperature setting and actual temperature clearly displayed,alarming and error-displaying also available.
6. Accurate developing liquid supply system, liquid guaranteed stable.
7. Special water-saving design, water running only when plate is moving, no more whole-process water consuming.
8. Automatic rubber roller smoothing, avoiding rubber roller drying out after long-time standing by.

Technical Specification

Model	LO-TPD 1450	LQ-TPD 1650
Max.plate width	1700 mm	1500 mm
Dev.liter	90L	96L
Min.plate length	300 mm	
Plate thickness	0.15-0.4 mm	
Dev.temp	15-40 ℃	
Drv.temp	30-60 °C	
Dev.speed (sec)	20-60 (sec)	
Brush.speed	20-150 (rpm)	
Power	1Φ/AC，220V，130A	
Net.weight	700 Kg	
L×W×H (mm)	1560×1885×1050 mm	