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## Product Specification

**Product Name** : Automatic Roll To Roll Screen Printing Machine

**Model No.** : **LT-5060 CNC** (Including: 1.Automatic screen printing Machine 2. Dryer tunnel Rewinder 3. Feeding Machine ).



Model No.	LT-5060 CNC	Printing Material Thickness	0.02-0.5 mm
Screen Frame Area	1000*800 mm	Squeegee Angle	45-90°
Max. Print Area	500*600 mm	Frame regulating variable	60 mm
Max. Paper Width	520 mm	Bench height	820-900 mm
Screen plane Area	600*750 mm	Printing Speed	20-70 t/min
Power consumption	Main Drive Motor	0.75 KW	
	Pulling Drive Motor	1.3 KW	
	Air Suction Motor	0.37 KW + 0.25 KW	
Power	220 V 3 KW (Single-phase power)		
	Remark: Can be designed against your need		
UV Drier	3.6 KW Or 5.5 KW (Optional)		
Machine Weight	Net Weight	700 kg	
	Gross Weight	900 kg	
Machine Size	L2950*T1160*W1650 mm		
Packing Size	L3250*T1300*W1900 mm		

### ***Applied range:***

PVC,PET,PP,PC,PE,BOPP etc all kinds of films, various of nameplate for electronic appliances, membrane switches,panels, EL panel, soft circuit board, IMD, IML, FPC, rubber vulcanization, heat transfer films, non-woven fabric, color labels for cars, water labeling, ceramic decals, thermal transfer paper, leather, electrostatic film, tetoron, coated paper, adhesive sticker and so on. The thinnest which it can be printing is 0.02 mm.

### ***Process:***

Raw material → Automatic feeding machine (double-sided dedusting, removing film, electrostatic eliminating) → Automatic printing (automatic punching, printing, QC, automatic feeding) → Automatic oven (be self-polishing, protective film, attach tape, release paper) → Automatic receiving → Automatic punching machine (cut) → End product.

### ***Features:***

1. Use the YASKAWA servo motor.

2. Adopt imported motor and reducing machine, ensuring the machine running stability.
3. Adopt imported bearings.
4. Adopt Shi Lin electric to control.
5. It will stop printing, when the machine have fault in winding materials.
6. Fuselage with mobile wheel, convenient to handle.
7. It will stop when the magic eye have fault in the second printing.
8. Printing presses have QC work light.
9. Printing machine have a suction device to absorb the material, ensure material does not move, make sure that the printing precision.
10. Ink scraping blade and back blade can adjust the angle respectively.
11. Can use double scraping knife, prolong service life.
12. The tension of machine adopt suction design, avoid scratches, and keep the tension is constant.
13. Can be mounted to the synchronous double dedusting equipment. Reduce waste and improve the yield
14. Have Off-grid, drip proof ink features, achieve high quality printing.
15. The machine adopts electrostatic painting and stoving varnish and solvent-resistance on the surface and hardly drops.
16. Easy to operation and have many humanity design.

## *Dryer tunnel Rewinder*



Model NO.	LTHX-600		
Material Quality	Baosteel-45# steel plate	Temperature	0-200 (°C)
Power Supply	220V 100A (Single-phase power)	Power	22 KW
	380V 60A (Three-phase power ,have zero line))		
	220V 70A (Three-phase power)		
Machine Size	L2870*W990*H2175 mm	Packing Size	L2610*W1300*H2400 mm

## ***Features:***

### **LTHX-600**

1. The oven with heat insulation cotton, looping 10 layer, save electricity, energy saving, environmental protection.
2. Oven use 4 sides, 2 surface heat, the wind road cycle more smoothly.
3. The oven to got led material auxiliary devices (prevent pour pull),use convenient, improve the work efficiency.
4. By using 4 digital show temperature controller and to control temperature accurately.
5. Small floor space, length 60m, inner loop 10 cycles (Other company 4cycles or 2 cycles,length about 10m), can be dry in the low temperature and to avoid the printing distortion, easy for multi-color printing.
6. Adding automatic assembling system, joint at lamination with filming, acrylic foam tape, release paper, dryer together at one time.
7. By using imported brand motor
8. Adopt imported motor and reducing machine, ensuring the machine running stability.
9. By adding work lights for QC, easy to inspect and operate.
- 10.The machine adopts electrostatic painting and stoving varnish and solvent-resistance on the surface and hardly drops.
11. Fuselage with mobile wheel, convenient to handle.

## ***Optional:***

1. This machine adding avoids paper change-back equipment. Easy to transfer the material.
2. Adding automatic assembling system, joint at lamination with filming, acrylic foam tape, release paper, dryer together at one time.
3. According to the different needs of customers, changing or adding functions and optional configurations

## *Feeding Machine*



### *Automatic Feeding Machine Features:*

#### **F-600**

1. By using imported brand motor, stepless speed change, ensure machine operation stability.
2. Adopt imported motor and reducing machine, ensuring the machine running stability.
3. By adopting photoelectric switch, ensure the safety of materials, can automatically adjust the length for the material.
4. Using the magnetic powder brake, convenient to control the roll tension.
5. Can be mounted to the synchronous double dedusting equipment.
6. It will stop and alarm when the machine complete the material.
7. Have packed material platform, convenient for people to operate.
8. Can achieve automatic pulled film for the material.
9. The machine adopts electrostatic painting and stoving varnish and solvent-resistance on the surface and hardly drops.
10. Fuselage with mobile wheel, convenient to handle.



# View of factory

