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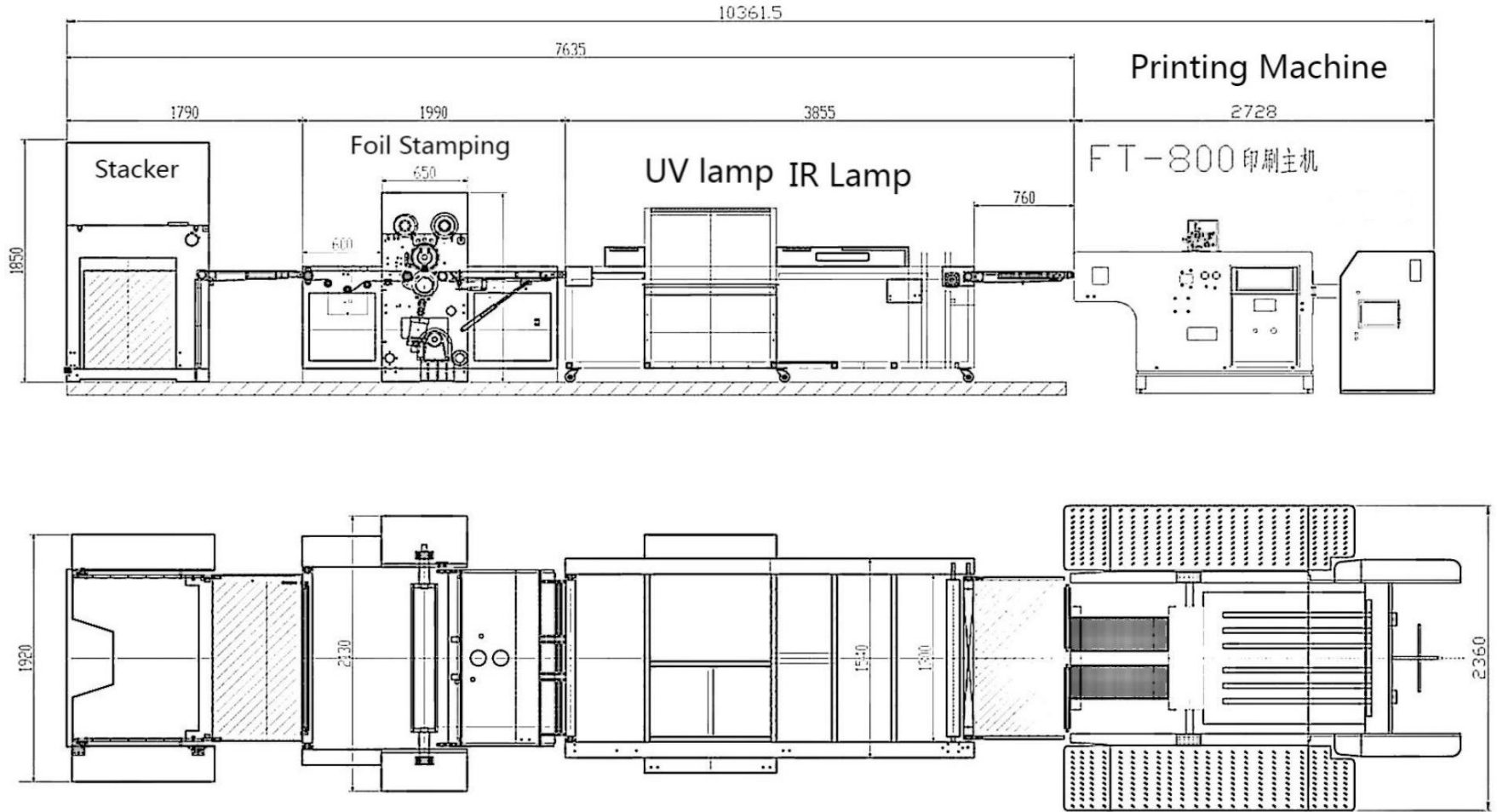
FT-1050 Stop Cylinder Screen Press
Spot UV Solution



FT-1050 Full Automatic Stop Cylinder
Screen Printing Machine



FT1050 Floor Drawing



FT1050 Screen Press Main Feature

1. Main structure: High speed and high-precision stop cylinder structure, automatic stop cylinder rolling to ensure that the sheet can be delivered to the gripper accurately, which can achieve extremely high accuracy;
2. The maximum operating speed of 4000 sheets per hour has reached the highest international industry level, greatly improving production efficiency;
3. Automatic offset printing Feeder and pre stacking paper platform, combined with non-stop paper stacker, which increase the production efficiency by over 20%. Multifunctional feeding system, adjustable single or continuous paper feeding, can be freely switched according to the thickness and material of the printed product, and equipped with a feeding detection system (pre preventing double sheets);
4. The timely slowing down device of the conveyor belt ensures that the sheet is delivered to the position stably at high speed;
5. Transmission system: Stainless steel paper feeding table, reducing friction and static electricity between the table and the sheet; Adjustable vacuum anti slip sucking transmission, acting on the paper through a non printing surface, combined with the paper pushing and pressing system on the table, greatly reduces paper surface friction and scratches, and also ensures the sheet feeding accuracy and stably; Equipped with a feeding shortage detection and discharge jamming detection system (paper shortage and jamming detection);
6. Cylinder: A precision polished stainless steel printing cylinder equipped with vacuum suction and blowing functions to ensure printing quality and sheet delivery smoothly. The cylinder and pull lay are equipped with sensor to detect the accuracy of the printing sheet.
7. CNC sensor alignment system: When the paper reaches the front lay and side lay position, the CNC sensor automatically aligns, causing slight misalignment or displacement, automatic shutdown or pressure release, ensuring high accuracy of printing and reduce the waste of printing product;
8. Rubber scraper system: Double cams control the squeegee rubber and ink knife action separately; Squeegee rubber with pneumatic pressure maintaining device, make the printed image more clearly and more uniform of the ink layer.
9. Screen structure: The screen frame can be pulled out which is convenient to clean the screen mesh and the cylinder. Meanwhile the ink plate system also can avoid the ink dropping onto the table and the cylinder.
10. Output table: can be folded down at 90 degrees, making it easier to adjust the screen, install the squeegee rubber/knife and clean mesh or checking; Equipped with vacuum suction to ensure the sheet delivered stably; Double wide belts conveyor: eliminates tearing of paper edges by the belt.
11. Centralized lubrication control system: automatic lubrication of the main transmission and main components, effectively extending the use life, keeping the accuracy of the machine;
12. PLC centralized control of the entire machine operation, touch screen & button Switch operation system, easy to operate; Human machine dialogue operation interface, Detecting the machine conditions and fault reasons in real time;
13. The appearance adopts acrylic flash two component self drying paint, and the surface is coated with acrylic two component glossy varnish (this paint is also used on the surface of high-class cars).
14. The redesigned paper feeding section of the paper stacker is equipped with cardboard hanging underneath, equipped with the stacker which can achieve non-stop paper stacking work. Combined with the printing machine can operate without stopping, it can save work time and improve work efficiency; Easy to operate, safe, reliable and stable paper stacking and height detector, protecting the machine and preventing product damage; The pre-setting counter is more convenient for users to add automatic tag insertion devices or make manual tag insertion operations. Equipped with online printing machine function, can remote control the printing machine;
15. The paper feeding section can be equipped with negative pressure wheel device to avoid the printing surface damage.

FT1050 Main Component

1. Belts are used imported Italy brand.
2. Equipped with imported Germany anti static stainless steel plate.
3. Screen frame pull out device (convenient for cleaning or overhauling)
4. Equipped with wide out delivering belt
5. Equipped with Japanese brand "KEYENCE" OPTO detector device (sheet out-position or no sheet, machine will stop)
6. Automatic oil providing system lubricates these moving parts and increases the machine durability.
7. Equipped with Mitsubishi PLC, Taiwan FUKUTA motor, Mitsubishi frequency converter, Schneider contactor, Taiwan Yadeke pneumatic components, important parts use imported IKO bearing, WEINVIEW touch screen interface.
8. Side lay can pull and push.

FT1050 Technical Specification

Name	Parameter
Max.Sheet Size	1060mm × 760mm
Min.Sheet Size	560mm × 350mm
Max.Print Size	1050mm × 740mm
Sheet Thickness	90(g/m ²)--420(g/m ²)
Frame Size	1300mm × 1170mm
Print Speed	800-4000iph
Registration	± 0.05mm
Gripper	≤10mm
Dust Remove Device (patented product)	(Optional)
Squeegee Auto Pressure Device(Servo)	(Optional)
Side Lay Auto Positon System(Servo)	(Optional)
Anti-static Remove Device	(Optional)
Photoelectric Double Sheet Detect Funtion	(Optional Ultrasonic)
Sheet Pressure Delivery	Press Wheel/Glass Ball (Optional)
Photoelectric Senor Detector	Sheet not in postion ,No Print
Single/successive Sheet Feeding	Single sheet feeding with buffer device
Machine Height	550/300mm(Optional)
Feeder	High speed offset printing feeding
Total Power	9.8kw
Dimensions(L × W × H)	3750 × 3066 × 2267mm
Weight	6500kg

FT-UV1050 UV Dryer



FT-UV1050 Specification

Application:

FT-UV1050 uv curing machine which is new developed for UV effect, it is specially used for the production of UV glazing effect of tobacco and alcohol packaging. It can be used with full-automatic screen printing machine, also can be used with other equipment. Except the snowflakes effect, it can also be compatible with other screen printing uv effect, including spot uv, full uv, Frosted uv, refractive uv, foaming uv, colorful crystal uv, wrinkle uv and anti-counterfeiting uv effect printing. In addition, it is also used in drying, dehumidification and other UV curing processes in screen printing, textile printing, electroplating, electronic circuit board and other industries.

Name	Parameters
Drying Width	1100mm
Drying Material	PET PVC PC Paper
MK lamp	40WX 4p (Seperate Control)
IR lamp	1KWX 2p
UV lamp	10KWX3p
Max. Delivery Speed	4000p/h
Cooling Air Condition	8°C~10°C/6.25kw 5.5P (Optional)
Fan Cooling	8p*40w (Optional)
Stepless Control	Optional
Transformer Control	Optional

QC-1100-LT UV& Cold Foil Machine Introduction



*The equipment is connected with full-automatic screen printing machine / semi-automatic screen printing machine to complete the cold stamping process.

*With snowflake wrinkle detonator, UV curing machine, automatic paper delivery machine to become a collection of wrinkle ink technology, Snowflake ink Technology, UV glazing, cold foil stamping and other multi-purpose production line.

QC-1100-LT UV& Cold Foil Machine Main advantages

- 1, Paper Bridge: negative pressure transfer platform, adjustable height up and down, a variety of height can match the front-end equipment.
- 2, the former device: through the photoelectric and touch screen settings, the tilt of the material can be corrected to flat into the hot stamping mechanism.
- 3, high-temperature silicon roller: the oil temperature heating method, low uniform deformation of roller temperature, longer service life.
- 4, pre-heating rotating mechanism: pre-heating bronzing roller automatic rotation so that the drum temperature in the heating phase more uniform and fast.
5. Intelligent man-machine interactive interface: it adopts industrial control touch screen, the operation and setting are simple and clear.
6. Remote upgrade and trouble shooting: Siemens PLC is used for centralized control, with faster and more stable response. With Network C debugging module, can judge the problem and modify the program remotely.
- 7, pressure booster system: equipment pressure booster cylinder, pressure more stable.
- 8, Gold Jump Settings: through photoelectric and PLC system settings, paper and paper to complete the jump between the jump and the paper within the jump of the gold position.
9. Solid material: high-rigid Precision Panel: using 25mm steel plate processing, equipment running more stable.
- 10, stamping paper with: equipment compatible with 1-inch core, 3-inch core stamping film (available special cold stamping paper and some hot stamping paper) .
- 11, the use of safety Chuck: Bronzing paper simple installation, air shaft running safety.
- 12, luxurious configuration: the whole machine pneumatic components, are used in Taiwan Yadek, encoder using German Sike, heat-resistant bearings are Swiss SKF and German NEY. The machine has a durable useful life.

QC-1100-LT Specification

Name	Parameters
Maximum working width	1100mm
Minimum working size	350mm
Maximum printing area	1050mm
Paper weighs less	157g -450g
Maximum diameter of film material	Φ200
Maximum width of film material	1050mm
Maximum working speed	UV :4000p/hcold foil stamping: 500-1200p/h
Total weight of equipment	≈700KG
IR Lamp	2.5KW*2(Optional)
UV Lamp	2*10kw/3*10kw/2*8kw/3*8kw(Optional)
Total power of the equipment	31KW/41KW
Delivery length	0.75m
UV part length	3.85m
Cold Foiling Length	2m
Sheet Stacker Length	1.8m
Width	2.1m
Total Dimension	7.75*2.1m*1.6m

FT-SL1050 Automatic Sheet Stacker



FT-SL1050 Main Features

1. Adopt PLC centralized automatic control;
2. Photoelectric monitoring, paper operation, start the baffles on both sides;
3. Frequency conversion control, stepless speed regulation, conveyor belt guiding roller feeding;
4. The pneumatic element performs the paper filling action to effectively avoid paper tearing or other damage;
5. The front and both sides of the stacking baffle can be adjusted conveniently to adapt to the collection of prints of different formats;
6. Automatic detection of stacking height, control the movement of stacking board, and ensure the automatic and smooth delivery of paper;
7. The safety device at the high and low position of the paper table can prevent the machine from being damaged by the up and down overshoot of the stacking board;
8. Paper jam monitoring, stacking height monitoring, and connected with the printing machine stop function;
9. Connect with the printing host to control the operation and stop of the host;
10. Paper counting function.

Max.Stacking Sheet Size	1100 × 740 mm
Min.Stacking Sheet Size	560*350 mm
Max.Speed	4000p/h
Max.Stacking Height	800 mm
Total Power	3Φ 380V 50Hz 1.5Kw
Total Weight	800kg
Dimension	2.7 × 2.57 × 1.54m