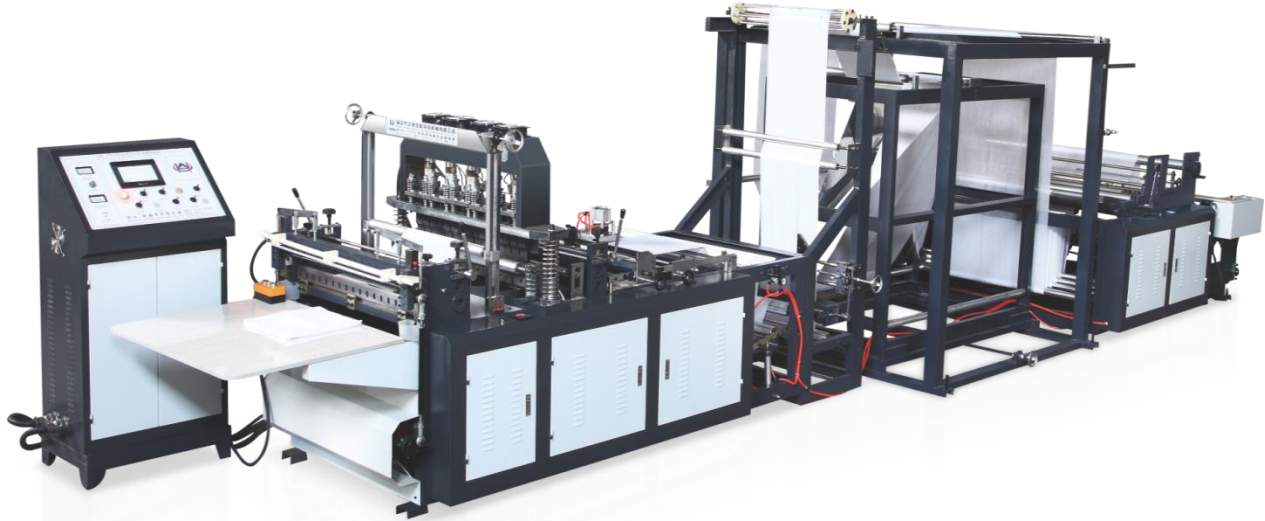




Automatic Non-Woven Bag Making Machine

Model: STL-B700:



Use:

This machine takes non-woven fabric as raw materials. It can produce non-woven bags of various sizes and shapes, such as non-woven D & W cutting bags, soft loop bags, strip through bags, T-shirt bags, gift bags, and other products packaging bags.

Performance:

- ✓ It adopts the PLC programmable logic controller as main control, touch screen. (Made in Taiwan).
- ✓ Unwinding tension is controlled by magnetic system.
- ✓ Edge positioning control system (EPC).
- ✓ Equipped with photoelectric tracking material, stopping automatically when the material is finished.
- ✓ Stepping motor for feeding material. (YASKAWA servo motor) for your choice.
- ✓ Photoelectrical eyes for tracking printed bag and the feeding error.
- ✓ Vector inverter as speed regulator.
- ✓ Ultrasonic for cross sealing for export standard quality (Chinese ultrasonic).
- ✓ Automatic accounting and set table counting alarm.
- ✓ It can make various shapes bags such as vest bag, flat bag. Handle bag and patch bag.

Main Specification of the machine:

- | | |
|---|--|
| → Production speed: 30-160 pcs/min | → Unwinding fabric width (mm): 1250 (4.1 ft) |
| → Bag width: 100-800 mm (4-32 inch) | → Bag length: 200-600 mm (8-24 inch) |
| → Non-woven fabric specification (gsm): 18-80g | → Bag making precision: $\leq \pm 0.5$ mm |
| → Power supply: 220 V | → Total power: 12 kW |
| → Overall size: 7800×1900×2100 mm (26*6.5*7 ft) | |



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Technology for moving forward...

Components of the machine:

- Crossing Ultrasonic: Chinese ultrasonic 153mm*4
- PLC: made in Taiwan, WEINVIEW brand.
- Electrical components and switch: CHNT brand
- Bearings: made in Harbin, China
- Relay: Omron brand
- Pneumatic components: made in Zhejiang.
- Inverter: Hualan Brand, China
- Key part of Horn: NTK, Japanese.

Free spare parts of the machine:

- Lace Roller- 2pcs
- Contactors- 1pc
- Hall Switch- 1pc
- Audion- 8pcs
- 24v Relay- 1pcs
- Oil Gun- 1pc
- Power Tube- 8pcs
- 220v Relay- 1pc
- Switch- 2pcs
- Synchronize Belt- 2pcs
- Japan Solid Relay- 1pc
- Potentiometer- 1pc
- Small Springs- 200pcs
- Resistance- 8pcs
- Big Spring- 2pcs
- Air Pipe- 1pc
- Tool Box- 1set
- Pressure Regulating Valve- 1pc
- Heater Pipe- 2pcs
- Thermocouple- 1pc
- Displacement Switch- 2pcs

Production Sample:

1. Pillow cover bag



2. Flat bag



3. Inserted edge flat bag



4. D-cut bag



5. Inserted bottom D-cut bag



6. String through bag (shoe bag)





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Technology for moving forward...

Model: STL-D700 (4 in 1):



This machine adopts mechanical, electrical, optical and pneumatic integration technology; it's advanced equipment and has the function of automatic handle loop bonding.

- with D-cut online punching
- with bottom and side gusset
- with shoes bag
- with online handle attaching
- online T-shirt bag automatic punching machine is optional

Main Technical Parameters:

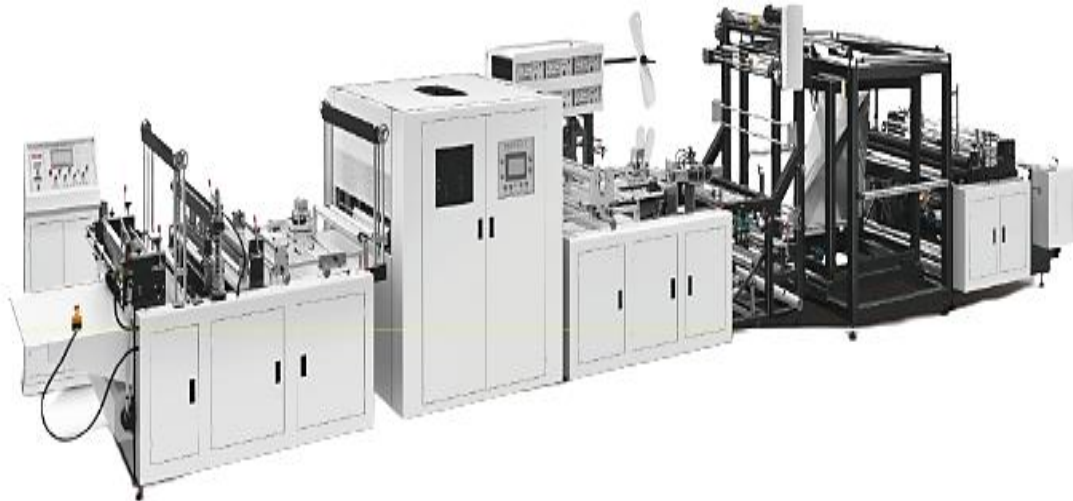
Model	STL-D700
Bag Length	100-800 mm (4-16 inch)
Bag Width	200-600 mm (8-24 inch)
Handle Loop Length	380-600 mm (15-24 inch)
Bag Material Basis Weight(thickness)	35-100 g/m ²
Handle Material Basis Weight(thickness)	60-100 g/m ²
Production Speed	30-120 pcs/min
Handle Bonding Speed	30-75 pcs/min
Power Supply	380 V/ 220 V
Total Power	15 kW
Overall Dimension	9600*2600*2100 mm (31.5*9*7 ft)
Weight	3200 kg



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Technology for moving forward...

Model: STL-E700 (5 in 1):



This machine adopts mechanical, electrical, optical and pneumatic integration technology; it's advanced equipment and has the function of automatic handle loop bonding.

- with online D-cut punching
- with bottom and side gusset
- with shoes bag
- with box bag forming
- with online handle attaching
- online T-shirt bag automatic punching unit is optional

Main technical parameters:

Model	STL-E700
Bag Width	100-800 mm (4-16 inch)
Bag Height	200-600 mm (8-24 inch)
Handle Loop Length	380-600 mm (15-24 inch)
Bag Material Basis Weight(thickness)	35-100 g/m ²
Handle Material Basis Weight(thickness)	60-100 g/m ²
Production Speed	30-120 pcs/min
Handle Bonding Speed	30-75 pcs/min
Power Supply	380 V/ 220 V
Total Power	18 kW
Overall Dimension	11500*2600*2100 mm (38*9*7 ft)
Weight	3500 kg

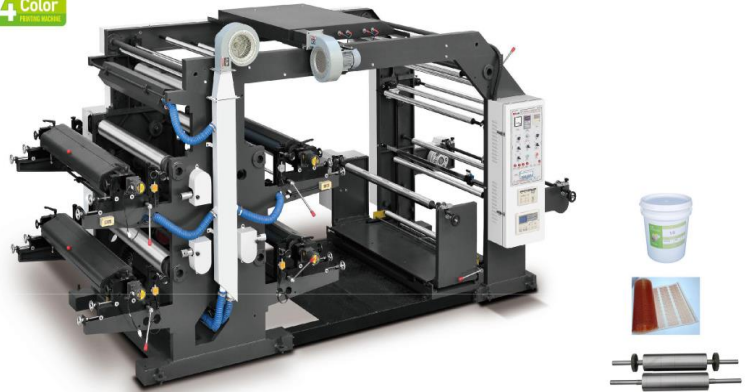


Four-color Non-woven Flexo Printing Machine

Model: STL-C41200

This machine is a four-color flexography printer, adopts rubber plate (or photosensitive resin plate) as printing plate, specialized in the printing of non-woven fabric, it's an idea equipment for non-woven printing.

4 Color
flexo print



Features:

- Simple operation, flexible starting and accurate chromatograph.
- Meter-counter could freely setting the printing quantity according to the requirement, auto stopping when finish or material break.
- Adopts netting ink transfer roller, uniform process.
- Equipped with reliable drying system, high speed rotation, auto cutout when stop.
- 360 degree continuous adjustable longitudinal device.
- Material unwinding adopts flatulence axis, auto rectifying deviation and auto magnetic powder tension controller.
- Different printing speed can be met by frequency conversion speed control.

Main technical parameters:

Model	STL-C41200
Max Material Width	1200 mm (47.25 inch)
Max Diameter of the Material Roll	1000 mm (39.37 inch)
Max Printing Width	1160 mm (45.67 inch)
Printing Length	190-1000 mm (7.48-39.37 inch)
Plate thickness	2.28 mm
Printing Speed	10-60 m/min
Total Power	18 kW
Overall Dimension	4800*2300*2400 mm (16*7.55*8 ft)
Weight	4000 kg



Non-woven Two Color Flexo Printing Machine

Model: STL-C21200

- Adopts water-based ink and rubber (or photosensitive resin) printing plate.
- with one size of printing cylinder (two cylinders, size from 220 mm (9 inch) to 500 mm (20 inch) is available) - Multi size of printing cylinders is optional



Features:

- Simple operation, flexible starting and accurate chromatograph.
- Meter-counter could freely setting the printing quantity according to the requirement, auto stopping when finish or material break.
- Adopts netting ink transfer roller, uniform process.
- Equipped with reliable drying system, high speed rotation, auto cutout when stop.
- 360 degree continuous adjustable longitudinal device.
- Material unwinding adopts manual magnetic powder tension controller and flatulence axis.
- Different printing speed can be met by frequency conversion speed control.

Main technical parameters:

Model	STL-C21200
Max Material Width	1200 mm (47.25 inch)
Max Diameter of the Material Roll	1000 mm (39.37 inch)
Max Printing Width	1160 mm (45.67 inch)
Printing Length	190-1000 mm (7.48-39.37 inch)
Plate thickness	2.38/3.94 mm
Printing Speed	10-60 m/min
Total Power	8 kW
Overall Dimension	3200*2300*2200 mm (10.5*7.55*7.22 ft)
Weight	1500 kg



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Technology for moving forward...

Two Color Manual Bag to Bag Drum Printer

Feature

- Equipped with meter counter for pre-alarming bell.
- 1500-3500pcs/hour, infinitely variable.
- Imported good quality PVC transmission belt, automatically positioning.
- Oil leaking device can be replaced freely, ink transfer roller and plate can be separated and harmonized.
- Printing roller can be automatically tracing and separating.
- Transferring oil-ink by net roller, enhancing polished light for printing, saving ink.
- Rear transmission can be delayed for the function of drying.



Main Technical Variables

Model	STL-DS-850
Multi-color printing	2 color
Bag feeding	Manual
Power	1.5 kW
Plate Thickness	4-5 mm
Printing Speed	1500-3500 pcs/hour
Max. Printing Area	1200*640 mm (47.25-25.2 inch)
Max. Material Feeding	1200*800 mm (47.25-31.5 inch)
Dimension	1200*1400*1200 mm (47.5*55.12*47.5 ft)
Weight	700 kg

Thank You!

Safeway Technologies Ltd.