

Volmas Packaging

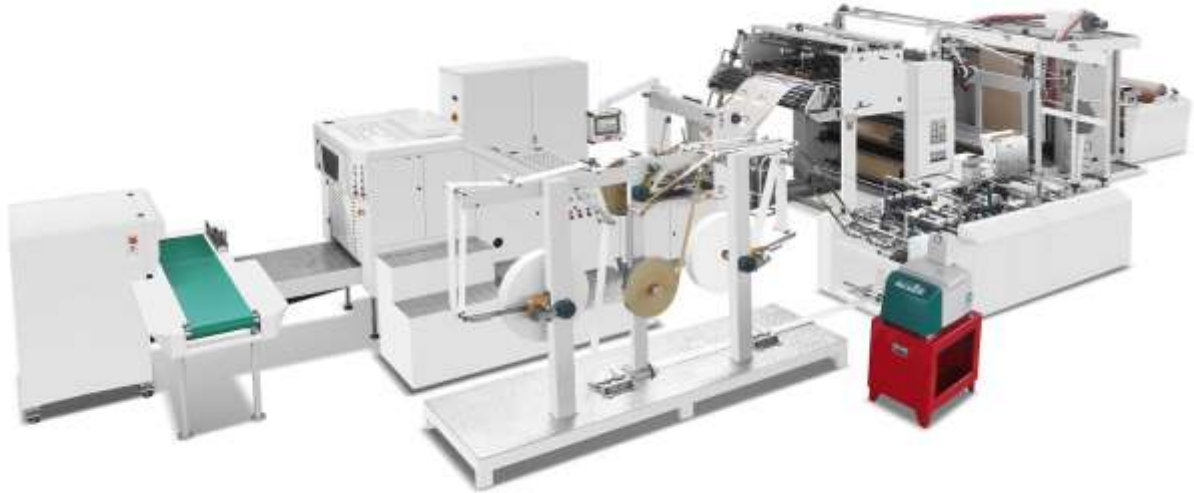
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330 T/F Fully Automatic Square Bottom Paper Bag Machine with Handle inline with 2/4 colors printing machine



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Properties and uses:

Fully automatic square bottom paper bag machine is designed for the production of paper bags with twisted handles. It is suitable for mass production of shopping bags in industries such as food and clothing. The one-line process consists of twisted handles making from paper rolls and twisted rope, delivery of handles to paste unit, pre-cutting of paper on position of rope, patch position gluing, handle pasting, and paper bag making. The paper bag making process consists of side gluing, tube forming, cutting, creasing, bottom gluing, bottom forming and bag delivery. This machine adopts German imported high-speed motion controller (CPU), which controls the operation of servo through high-speed bus to ensure stable movement and smooth motion curve. It is the automatic square bottom paper bag equipment with handles inline preferred by the majority of printing and packaging manufacturers.

Main features:

1. Use France SCHNEIDER touch screen human-computer interface, making the machine easy to operate and control.
2. Adopt Germany original LENZE PC control, integrated with optical fiber. Thus ensure stable and high speed running.
3. Adopt Germany original LENZE servo motor and German original SICK photoelectric eye correction, tracking printing bag accurately.
4. Raw material loading adopts hydraulic auto-lifting structure. Unwind unit adopts auto tension control.
5. Raw material unwinding EPC adopts Italy SELECTRA, reducing material alignment time.

The main features of flexo printing:

1. The ink is transported by a separate gear motor, and the ink pump circulates the ink.
2. Use a closed scraper to scrape ink, ensure high-speed printing and prevent ink splash
3. Pneumatic lift and drop mode, automatically start after shutdown, automatically transport ink after printing plate installation, Printing plate

automatic printing after booting

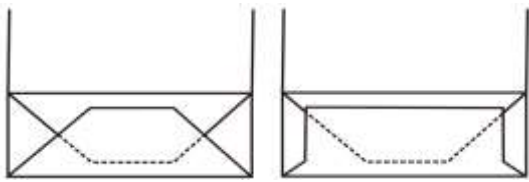
4.Independent closed type hot and cold dual function drying system

Technical parameter

Model	330T/F
Cutting length	270-530mm
Cutting length (with handle)	270-430mm
Bag width	120-330mm
Bag width (with handle)	200-330mm
Bottom width	60-180mm
Paper Thickness	60-150g/m²
Paper Thickness (with handle)	80-150g/m²
Paper roll width	380-1050mm
Paper roll width (with handle)	570-1050mm
Roll paper diameter	φ1300mm
Paper core	φ76mm
Patch length	152mm
patch width	50mm
Handle length	320/340mm
Handle distance	75mm
Rope diameter	Φ3-5mm
Patch paper roll width	100mm
patch paper roll diameter	φ1200mm



patch paper thickness	120g/m²
production speed for bags with handles	30-150bags/min
Flat rope making machine requirements	
Flat rope distance	75mm
Flat Rope Width	12mm
Flat rope height	100mm
Patch Width	40mm
Patch Length	152mm
Flat Rope Length	352mm
Patch Feeding Width	80-100mm
Material thickness	120g/m²
Handle roll diameter	1200mm
Machine Speed	30-200mm
Paper bag speed	30-180mm
Paper Bag With Flat rope speed	30-120pcs/min
production speed for bags without handles	30-180bags/min

Machine Speed	30-200bags/min
Bottom folding type	
Cutting knife	Sawtooth cutting
Printing area	
Printing width	100-1260mm
Printing length	270-800mm
Printing speed	10-100m/min
Color accuracy	≤±0.20mm
Plate thickness (Including the thickness of the double-sided tape)	2.28mm+0.38mm
Working Air Current	More than 0.36m³/ minutes, 0.5-0.8 MPa
Power Supply	380V 3Phase 2 colors: 380V 3Phase 52KW 4 colors: 380V 3Phase 55KW
Machine weight	2 colors: 19T 4 colors: 19.7T
Machine size	2 colors: 17000*8000*2500mm 4 colors: 18500*8000*2800mm

Main Electrical Components List

Control System			
Name	QTY	Original	Brand
CPU Program Controller	1	Germany	LENZE
PLC Power module	1	Germany	LENZE

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PLC Input module	2	Germany	LENZE
PLC Point card	1	Germany	LENZE
Main power filter	1	Germany	LENZE
Human-computer touch screen interface	1	France	SCHNEIDER
Servo Motor	8	Germany	LENZE
Servo Motor Reducer	8	Germany	Alpha
Servo driver	6	Germany	LENZE
Bag forming frequency converter	1	Switzerland	ABB
Bag forming motor	1	Taiwan	
Photoelectric eye for printed-bag tracking	1	Germany	SICK
Optical fiber communication separator	1	USA	
Low voltage electrical apparatus	1	France	SCHNEIDER
Photoelectric sensor	1	USA	BAUMER
Pneumatic component	1	Taiwan	
Auto lubricating	1	China	
Air conditioner for electric control box	1	China	
Deviation correction and tension control system			
Name	QTY	Original	Brand
EPC controller	1	Italy	SELECTRA
Servo motor for EPC	1	Italy	SELECTRA
Ultrasonic sensor	1	Italy	SELECTRA
Magnetic powder brake	1	China	WEIZHENG
Automatic Tension System of Magnetic Powder	1	Germany	LENZE
Automatic Hydraulic Feeding Motor	1	Taiwan	
Feeding hydraulic cylinder	1	China	
Transmission			
Name	Qty	Original	MTED
Synchronous belt	1	China	BELDI
Synchronous wheel	1	China	MTED
Bearing	1	Germany	FALA

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Guide roller	1	China	BAIXIAO
Gear	1	China	MTED
Glue position			
Name	Qty	Original	MTED
Bottom glue (bottom-sealing white latex)	1	China	MTED
Motor for bottom glue evening	2	China	
Pneumatic auto glue filling valve	2	China	
Glue Glue Position Detection	1	Switzerland	BAUMER
Spraying gun for center sealing (dense adjust Glue gun)	1	China	MTED
High-pressure glue barrel for white latex	2	China	MTED
Handle Pasting Unit			
Name	Qty	Original	Brand
EPC controller	2	Italy	SELECTRA
Servo motor for EPC	2	Italy	SELECTRA
Ultrasonic sensor	2	Italy	SELECTRA
Hot Melt Glue Device	1	Switzerland	RO
Hot Melt Glue Gun	2	Switzerland	RO
Hot Melt Glue Gun	2	Switzerland	RO
Hand-held servo motor	1	Germany	lenze
Hand-held Servo Driver	1	Germany	lenze
Pasting Unit			
Name	Qty	Original	Brand
EPC controller	2	Italy	SELECTRA
Servo motor for EPC	2	Italy	SELECTRA
Ultrasonic sensor	2	Italy	SELECTRA
Hot Melt Glue Device	1	Switzerland	RO
Hot Melt Glue Gun	4	Switzerland	RO
Hot Melt Glue Gun	4	Switzerland	RO
Hand-held servo motor	1	Germany	lenze
Hand-held Servo Driver	1	Germany	lenze
Printing Area			
Name	Qty	Place of Origin	Brand
Frequency transformer	1	China	Inovance
Main motor	1	China	
Ink motor	1	China	
low-voltage apparatus	1	France	Schneider
Main roller bearing	1	Japan	
Guide Roller bearing	1	China	

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Remarks:

The purchased parts used in this machine will be replaced by the same-level brand that is not lower than the existing brand quality when the equipment is upgraded or updated. The seller will reserve the right without further notice.