



TEXTILE MACHINES PVT. LTD.

## 13<sup>th</sup> LEADER-500 AUTOMATIC NON WOVEN BOX BAG MAKING WITH ONLINE HANDLE ATTACH



### PAYMENT ITEM

30% PAID AS ADVANCE,70% PAID BEFORE DELIVERY

Delivery date: within 30 days after get advance

Warranty: 12 months

## I. Machine Description

### 2. Process flow

Auto non woven roll feeding-> Auto tension control, centralization-> Mouth folding-> Handle welding-> Handle folding-> Online impression-> Bag forming-> Bag folding -> Bag collection

### 3. Bag samples:



## II. Machine characteristics

### 1. Patent

1. Leader is newly researched and developed on 2013, patent No.: 201310336180.6
2. Leader is concentrated in Non woven box bag manufacturing, use non woven fabric and non woven laminated fabric as raw material.

## PP non woven lamination material requirement

PP non woven (pp melt index 16 ,the calendar temperature 170-180) Lamination material

PP:PE =4:1

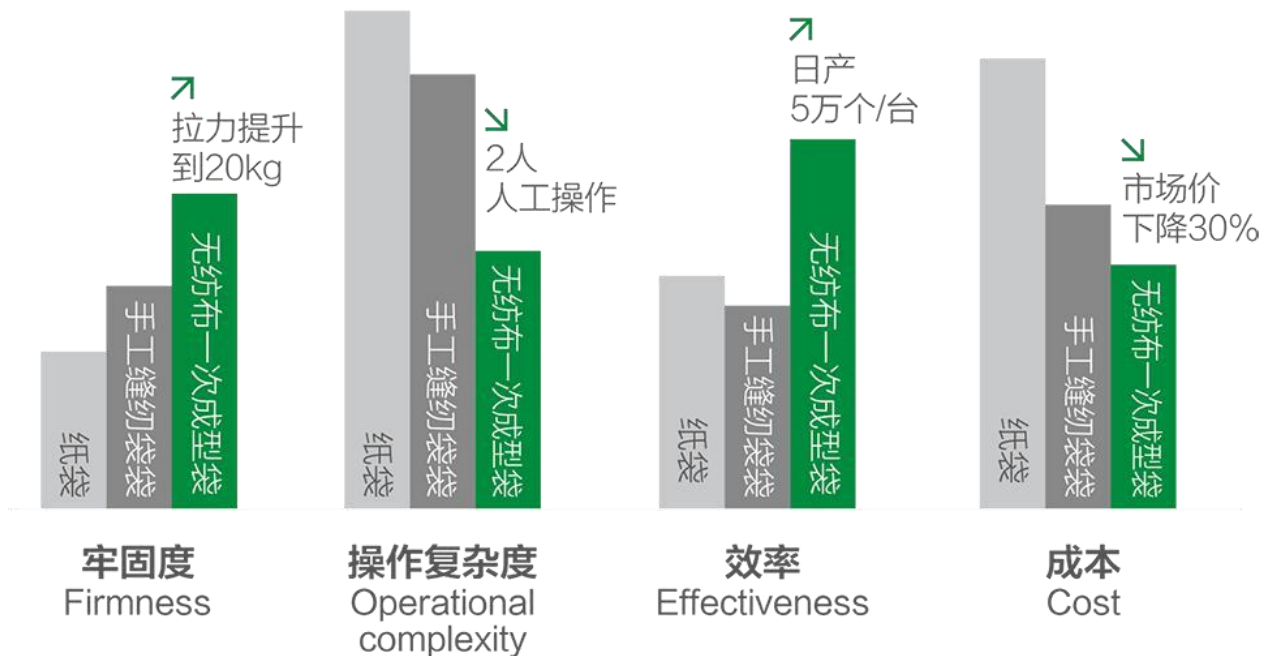
Opp thickness should be 0.015mm-0.018mm

PP melt thickness 10-15gsm

Opp should be shining opp,both side with corona

### 一次成型袋与其他袋子对比

Non-woven laminated bag compares to other bags



1-2-1,Leader can perform good with few labour, higher efficient & lower cost, it's the most competitive machine in non woven bag making.


1-2-2,Non woven bag have more advantages when compare with nonwoven sewing bag and paper bag.

## 2. Machine Technical Data

SN	Item	Specification
1	Roller width	50-1160mm
2	Bag making speed	60-80pcs/min
3	Bag width	180-500mm


4	Bag Height	180-450mm
5	Gusset	80-200mm
6	Power supply	380V
7	Total power	35KW
8	Rated power	12KW
9	Overall size	L 9500* W 6300* H 2600mm
10	Weight of Machine	12000KGS (40HQ*1& 20FT*1)
11	Handle Length	280-600mm
12	Handle Width	25mm &30mm

### 3. Main Equipment and Description


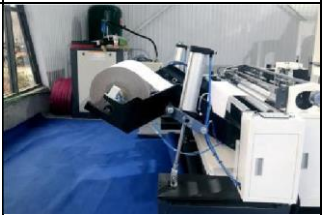


SN	Part	Picture
1	Feeding Unit	

2	<b>Soft Handle Sealing Unit</b>	
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3	<b>Host Box Forming Unit</b>	
4	<b>Bag Folding Unit</b>	



<b>Part 1 Feeding Unit</b>					
SN	Item	Manufacturer	Qty	Specification	Picture
1	Roll Feeding	ALLWELL MADE	1SET	Auto tension control	
2	Roll Diameter		1SET	Max 1400mm	
3	Roller Control Device			10KG Magnetic power tension	
4	Correcting Deviation Device		1SET	Automatic EPC system	

5	Automatic Shutdown System			Automatic tracking control	
6	Photoelectric Eye	CK	1SET	Automatic adjusting	
7	Bag Mouth Folding Device	ALLWELL MADE	2SETS	Automatic adjusting	
8	Bag Mouth Sealing Device	ALLWELL MADE	2SETS	Automatic adjusting	
9	Ultrasonic	ALLWELL MADE	2SETS	Ø55MM Round mould	
10	Bag Mouth Folding Step Motor	SOYO	1SET		
11	Converter Motor	SUCHUAN, SHANGHAI	1SET	1.5KW	







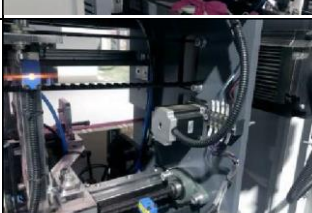
### Part 2 Soft Handle Sealing Unit


SN	Item	Manufacturer	Qty	Specification	Picture
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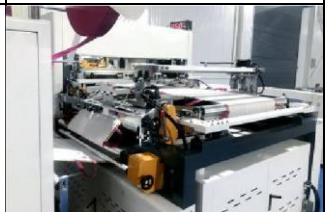





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1	Handle Feeding Part	ALLWELL MADE	2SETS	Max Diameter up to 1000mm	
2	Automatic Shutdown System		2SETS	Each side have one electric eye checking the fabric.	
3	Online Handle Sealing Device		2SETS	Handle Length: 380-600mm Handle Width: 25mm	
4	Touch Screen	WEINVIEW ,TAIWAN	2SETS		
5	Ultrasonic	ALLWELL MADE	4SETS	Two sets each side; Ø55MM Round mould 1SET; 200X100MM mould 1SET	
6	Handle Sealing Part 110 Step Motor		4SETS	Two sets each side	
7	Handle Sealing Part 57 Step Motor		2SETS	One set each side	

8	Handle Sealing Part 42 Step Motor	WENZHOU	4SETS	Two sets each side	
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<b>Part 3 Host Box Forming Unit</b>					
SN	Item	Manufacturer	Qty	Specification	Picture
1	Bag Width Adjusting Shelf Device	ALLWELL MADE	1SET	Automatic Height Adjusting according to bag width plus gusset	

9	Direct Current Motor		2SETS	One set each side	
10	Handle Sealing Part Forward/Backward Step Motor	SOYO	1SET		
11	Inverter	DOVOL, TAIZHOU	2PCS	One set each side	
12	Relay	SCHNEIDER, GERMANY	8PCS	Four sets each side	
13	57 Step Motor/42 Step Motor Drive		6PCS	Three sets each side	
14	110 Step Motor Drive		4PCS	Two sets each side	



2	Online Creasing Device	ALLWELL MADE	1SET	Automatic Adjusting according to bag gusset	
3	Cutter Device	ALLWELL MADE	1SET	Strike-slip dislocation cutter, Save 6mm fabric each cut	
4	Mould Up/Down Device	ALLWELL MADE	1SET	Shelf adopt whole castings	
5	Box Bag Gusset Forming Device	ALLWELL MADE	2SETS	Each side with visual ultrasonic sealing push device	
6	Touch Screen	WEINVIEW ,TAIWAN	1SET	Main Operation Computer	
7	Remoter	ALLWELL MADE	1SET	One Transmitter; One Receiver	
8	Host Mould Up/Down Servo Motor	YASKAWA , JAPAN & INNOVATION	1SET	7.5KW / 9.6KW	


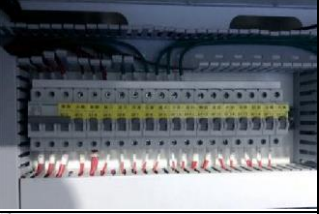
9	Ultrasonic Power Servo Motor	DELTA ,TAIWAN	2SETS	2KW	
10	Bag Grab Servo Motor	DELTA ,TAIWAN	2SETS	2KW	
11	Online Creasing Servo Motor	DELTA ,TAIWAN	1SET	1.5KW	
12	Cork Base Forward/Back Servo Motor	DELTA ,TAIWAN	1SET	400W	
13	Side Insert 110 Step Motor	SOYO	4SETS		
14	Feeding Servo Motor	DELTA ,TAIWAN	2SETS	1.5K	

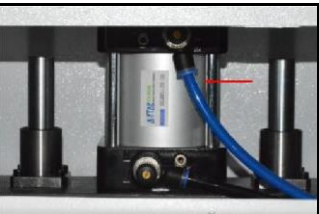


15	Bottom Inserter Advance/Back Servo Motor	DELTA ,TAIWAN	2SETS	750W	
16	Bottom Inserter Up/Down Step Motor	SOYO	2SETS		
17	Cutter Step Motor	SOYO	1SET		
18	Bag Release Step Motor	SOYO	4SETS		
19	Left/Right Panel Step Motor	SOYO	2SETS		
20	Shelf Up/Down Step Motor	SOYO	1SET		
21	Online Creasing Position Adjusting Step Motor		1SET		



22	Online Creasing Distance Adjusting Step Motor		1SET		
23	Bag Release Position Adjusting Step Motor <sup>110</sup>		4SETS		
24	Ultrasonic	ALLWELL MADE	2SETS	350*50MM Glyptic mould	
25	Ultrasonic	ALLWELL MADE	2SETS	200*100MM Glyptic mould	
26	Host Motion Controller	TRIO ,BRITAIN	1SET	Strong security of machine more safe operation	
27	Host Programmable Logic Controller (PLC)	DELTA,TAIWAN	2SETS		
28?	Host Box Forming Unit Inverter	DELTA,TAIWAN	1SET	2.2KW	




29	Circuit breaker 3P110A	SCHNEIDER, GERMANY	1PCS		
30	Circuit breaker 1P10A	SCHNEIDER, GERMANY	18PCS		
31	Contactor	CHINT, CHINA	4PCS		
32	Relay	SCHNEIDER, GERMAN	9PCS		


33	Pneumatic component	AIRTAC, TAIWAN			
34	Pneumatic component	SMC			
35	Switch	SCHNEIDER, GERMAN			


### Part 4 Bag Folding Unit

SN	Item	Manufacturer	Qty	Specification	Picture
1	Bag Folding Unit	ALLWELL MADE	1SET		
2	Inverter	DELTA,TAIWAN	1SET		
3	Step Motor	SOYO	2SETS		
4	Converter Motor	SUCHUAN, SHANGHAI	1SET	1.5KW	
5	Relay	SCHNEIDER, GERMANY	2PCS		

### Part 5 Bag Collect Unit

SN	Item	Manufacturer	Qty	Specification	Picture
1	Bag Collect Device	ALLWELL MADE	1SET		

2	Inverter	DOVOL, TAIZHOU	1PCS		
3	Programmable Logic Controller (PLC)	DELTA, TAIWAN	2SETS		
4	Relay	SCHNEIDER, GERMANY	3PCS		
5	Step Motor	SOYO	1SET		
6	Magnetic Valve	AIRTAC	2SETS		

7	Pressure test table		1SET		
8	Touch Screen	WEINVIEW ,TAIWAN	1SET		
9	Converter Motor	SUCHUAN, SHANGHAI	1SET	1.5KW	

### III.Facilities (Buyer prepare before engineer arrives)

**Electric:** 3-phase, 4-wire; 380V±10% 50Hz

**Air :** 0.75Mpa; 15KW screw-type compressor is suggested.

### IV. After-sales service

#### Installation:

The seller will send 1 engineer to install, test the production line and train customers' workers in buyers' factory. It will take 12 days for whole installation and training.

The buyer should cover engineers' salary, visa cost, Round air tickets, accommodations, transportation in buyers' country, food, medical care, safety cost, and related cost happens in buyers' country. Also, the buyer should prepare enough labor, electric wire outside the control panel and tools for installations.

#### Engineer's Salary:

The date he arrives and leaves shall be counted as paying day.

The dates which wait for spare parts coming on seller's duty are exclusive of salary paying.

#### Warranty:

Warranty period for the delivered equipment will be 12month after completion of erection but not later than 18months after shipment. In case any item proves to be defective and the damage is confirmed by seller's technicians within this period, the seller will at their choice either send engineer to repair or supply a new one for replacement free of charge on the basis of CNF delivery.





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The above item does not include the parts, which have regular spares or the parts damaged from normal wear, abnormal operation, improper maintenance and inadequate civil works. The seller is not liable for any production loss under any circumstances.

**Packing:** As per export standard, they will also be treated before delivery against damage and rusting.

**Zhejiang Ounuo Machinery Co.,Ltd**