

Preface

Thank you for choosing DC series packing machines.

Before operating the machine, please read this manual carefully to ensure proper operation and safety, to fully utilize all the functions and to maintain the machine under its best condition.

Features:

1. Big LCD interface, easy to operate
2. Numerical Controlled bag length, user friendly and accurate bag size
3. One button to set color-code tracing; self-monitoring pre-set errors; high precision cursor; low requests on photo-electrical sensor; lower manufacture cost
4. Smart control. When the machine stops, the Thermal Sealers stay open.
5. Either under color code tracing mode or Set-length mode, broken film can be sensed and automatically stops the machine
6. Error-tolerant technology under color-code tracing mode, one or two Color Code missing won't affect packing
7. Batch control, convenient for bulk packing
8. The bag-pulling motor can work separately without starting the Clutches.
9. Thermal Sealers can be controlled separately, easy for testing
10. Optional English or Chinese language interface
11. Cleanly arranged Electric Control Box
12. All input and output status are LED displayed, easy to operate and maintain
13. The front vibration of bag-former can be set by software, saving one Proximity Switch
14. Data auto saved

Notice:

- 1) Do not run the machine without the knowledge of proper operation and safety rules.
- 2) People who are not trained or authorized beforehand are not allowed to run the machine.
- 3) Read the manual carefully and get to know all the instructions before

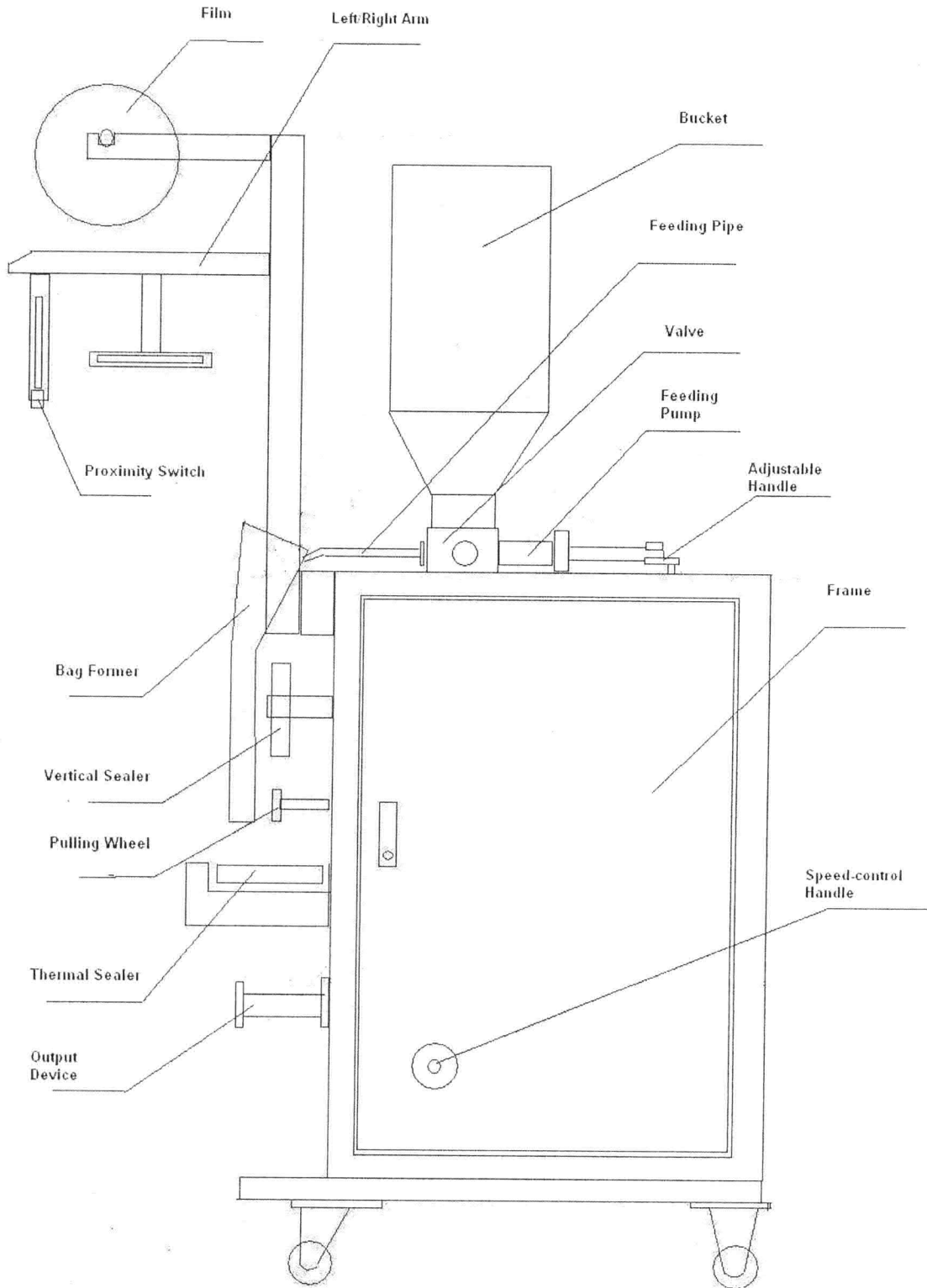
operation.

- 4) Do not run the machine till it is completely installed and adjusted.
- 5) Make sure that nothing is left in or on the machine before running
- 6) Do not touch the inside of the machine unless the power is off.
- 7) The machine should not be left unattended when it is running.
- 8) Do not touch the Thermal Sealer or other operating parts while the machine is running.
- 9) Check and repair of electric control circuits must be done by specialized personnel.
- 10) The refit or reinstalling of some devices on the machine should be approved by our company to avoid damage and danger.
- 11) Consult our staff if there is anything unclear in the manual or problems can not be solved by manual.
- 12) Make sure to run the machine in the proper working environment.
- 13) Please have grounding connection to ensure safety.

Warning: Please obey the above safety rules to ensure safety. Accidents caused by improper operation are out of our responsibility range.

Our company also supplies packing machines of other specifications. Please contact us if you have any needs, and we will do our best to meet your requirements.

Due to the constant improvement made to the machines, please understand if there is no notification for modification. Welcome to consult our sales department or after-sales personnel at any time.



YTP Series Side View

Chapter I Introduction

YTP series automatic vertical packing machines weighs and packs liquid or paste into small packages with three-side、 four-side or back/centre sealing.

YTP series can automatically finish the complete process of bag-making、 measuring、 filling、 sealing、 cutting、 code printing、 counting and photoelectric tracing, etc. It adopts screw measurement style, which is in accordance with the national measurement standard and features accurate measurement.

YTP series features exquisite and favorable appearance and independent sealing. All the parts that touch the materials are made of stainless steel or corrosion-proof and poison-free plastic, which accords with the packing requirements for food and pharmaceutical industry. After decades of manufacturing and improvement, the function and performance are more stable and approaching perfect and are well-applied in the food, chemical, pharmaceutical and light industries.

This series is in accordance with the quality standard of GB/T17313-2003

Chapter II Parameters

I. Packing Film: All kinds of composite film, like OPP-PE, PET-PE, Nylon-PE etc.

Film max width (B)

YTP200	B=200mm
YTP240	B=240mm
YTP300	B=300mm

Max diameter of film roll D: $D \leq \Phi 300\text{mm}$, Inner $d=76\text{mm}$

II. Packing Speed: 40-60 bags/min, adjustable stepless speed

III. Range of Measurement:

YTP200	0ml-----50ml
YTP240	0ml-----100ml
YTP300	0ml-----100ml

IV. Bag Size:

YTP200	L 30-----120mm	W 30-----100mm
YTP240	L 30-----170mm	W 30-----120mm
YTP300	L 30-----170mm	W 30-----155mm

V. Engine Power

YTP200	YTP240	N=565W(exclude stirring engine)
YTP300		N=765W(exclude stirring engine)

Electro thermal Power

YTP200	N=500W
YTP240	N=1220W
YTP300	N=1380W

Electric Power: 3 phase 4 wire 380V/50HZ

VI. Weight:

YTP200	190Kg
YTP240	200Kg
YTP300	250Kg

VII. Working Environment

Temperature	10°C-----40°C
Humidity	≤ 85%
No corrosive, flammable or explosive gas or power	

Chapter III Install

All the machines are assembled and adjusted before shipping, but inspection and re-adjustment are necessary before operating as the screws might loosen due to vibration during the transportation.

1. The machines should be placed on the flat ground with no strong vibration. Make sure that no sunlight cast directly on the lens of the photoelectric sensor to avoid malfunction. Leave some space around the machine.
2. The voltage for this series is 380V/50HZ, 3 phase 4 wire (please connect to the naught wire). The voltage should be within 90% to 110% of the standard voltage. Countries or regions that have different voltage should either make a special order or use special transformers. Regulator is required in regions with fluctuating power supply.
3. Do not mix the earth line and the zero line. Make sure that the earth line is safely connected to the ground.
4. Before connecting to power, examine the screws carefully and fix them if they are loose. Press down the Clutch Handle, loosen the Turning-plate, and turn the Turning-plate anticlockwise to make sure the Bin Gate is not stuck. Let go the Clutch Handle, close the Turning-plate, move the belt of the Main Engine

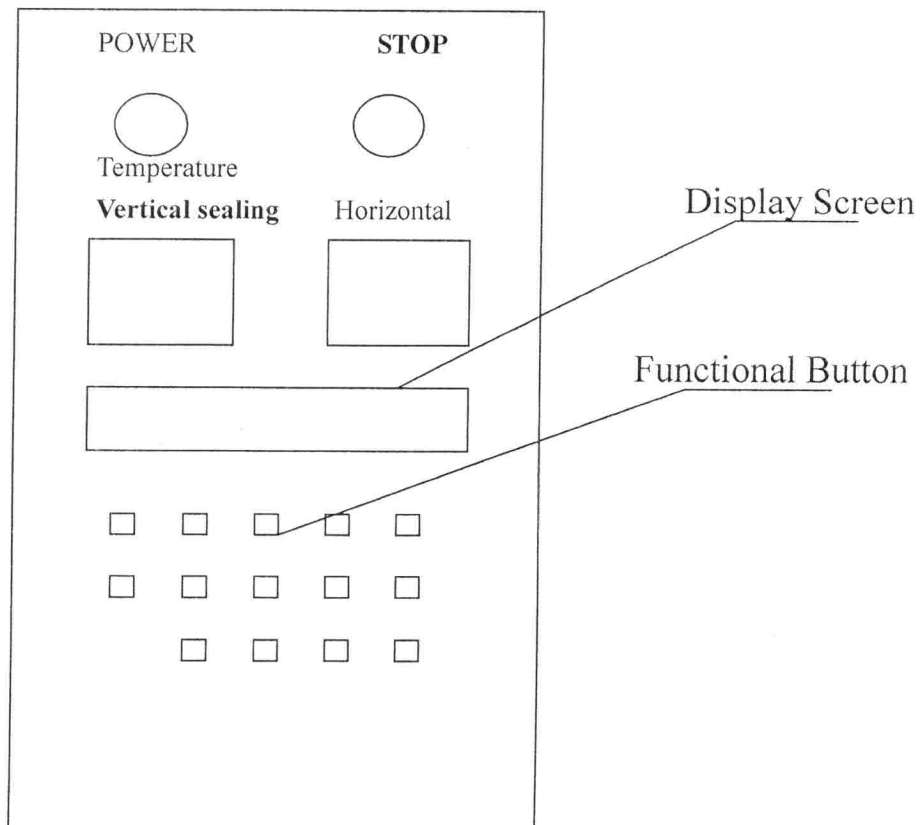
by hand, turn the Main Driving Shaft clockwise and make sure there is not sluggish or collision between the parts and then connect to the power.

5. Turn on the power and press the start button, the Driving Belt should be turning anticlockwise if looked from front, if not, the power should be turned off and the wires should be rearranged.

6. Put the film between the Film-blocking Wheels, and then put into the dent of the Film-supporting Arms. Make sure the film roll is pressed tight between the Film-blocking Wheels. Adjust the film with the Bag Former and fasten with the handle, making sure that the printed side of the film faces front. Adjust the pressure between the wheels and the film roll till it works properly.

Chapter IV Operation Instructions

Control Panel



I. Control Panel

All the functions can be achieved by the buttons on the Control Panel. Working status is shown not only on the Display Screen, but also by Indicator Lights on the up left side of the panel.

Display Screen

Total: 003495	Automaticly
CntSet: 0100	Counte: 0034
Length: 080	Spd: 8 Cut: 08
Infm: normally stop. wait	

Display Screen Detailed Description

1. **Total**

6 digits displaying the accumulated numbers of all the bags formed. Data auto saved when machine stops. Use Reset button to clear.

2. **CntSet**

Input any number between 2 – 9999 and the machines automatically stops when reaching the set number.

3. **Counte**

Current bag quantity

4. **Length**

Bag length in mm. For example, 080 means the bag length is 80mm.

5. **Spd**

Set different speeds according to the material of the film. For film of low heat-resistant, apply lower speed.

6. **Cut**

Machines with Pneumatic Cutter has this parameter to cut with the set number. The setting range is between 1-99.

7. **Infm**

Displays working status and errors.

II. Buttons

RESET	FIGURE CON. MARK CON	VIBRATE	SET	▲
CNT CONTROL	BATCH CUT	ADD TEMPERATURE	DEBUG	▼
	FUNCTION	START	INCHING	STOP/CARRY PAPER

1. RESET

Press RESET once, it clears the current counting; Press it again within 5 seconds, it clears the accumulative total.

2. FIGURE CON/MARK CON

Press and choose from: Set-length Packing, Light color-code Packing, and Dark Color-code Packing (Light color-code Packing has dark background and light color code; Dark Color-code Packing has light background and dark color code). There is an indicator light above the button, the relationship are as followings:

Status	Indicator Light	Remark
Set-length Packing	Black	No relationship with Color Code
Light Color-code Packing	Green	Light color code
Dark Color-code Packing	Red	Dark color code

3. VIBRATE

This button is for tablet or power packing machine. It controls the vibration switch of the counting-plate of the tablet packing machine or the filling function of the powder packing machine, automatically turns the stirring engine on or off with choice. There is an indicator light on the up left side of the button.

4. SET

Work together with ▲ or ▼ button to set or change parameters. Every