



HTP-200 Heat Shrink Processing / Wrapping Tunnel

Operation Manual



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How to use Guide:

Shrink packing machines are one of the most advanced packaging ways in the international market at present. It adopts shrink film to products being used for shrinking heat shrink material onto applications, with the shrink packaging/heat shrink material being applied to the application, so that the items are securely packaged/shrunk onto the intended application. The packaged application can be sealed, damp proof, dustproof and protected from outside shock and thus have better functions, especially for packing glassware, this can prevent household utensils from scattering when they are broken. As the shrink film shrinks onto the application, some pressure can be created to tighten a group of packed articles together so this product can be used widely for shrinking all kinds of shrink packing material along with various Heat Shrinking applications.

I FUNCTIONS & FEATURES:

The HTP-200 Heat Shrink Processing / Wrapping Tunnel is the latest automatic continuous shrink packing equipment at present. It adopts quartz far-infrared capsule to heat for saving electricity (can save over 15%). The Shrink packing machine adopts a frequency control motor, which the speed can be adjusted within wide range, and the maximum load bearing can reach up to 10kg. The stove inside adopts a fully closedown hot wind circulating equipment to enable the tunnel to provide a perfect sealing effect. This machine has a nice appearance and with easy maintenance, the tunnel can be applicable to all the shrinking package of all kinds of PVC, POF & PP ETC. shrinking films, especially suitable for POF shrink film's packing, along with the use of standard Heat Shrink

II SPECIFICATION

Model	Voltage	power	Weight loading	Heat tunnel size(mm)	Dimension(mm)	Conveying Speed	Weight
HTP-200	220V	6.5KW	10kg	900×450×250	1200×700×1000	0-10m/min	90kg

III CONTROL PANEL:



1. Temperature Control 2. Heat Switch 3. Conveyor Belt
4. Fan Switch 5. Speed Adjuster

IV TEMPERATURE & TIME FOR SHRINK FILM:

Term Film	Name	Thickness(mm)	Heating(S)	Shrinking room temperature (°C)
Polyvinyl chloride	PVC	0.01-0.06	5-10	160-180
Polypropylene	PP	0.01-0.04	10-20	180-200
Polyolefin	POF	0.01-0.03	10-20	180-200

V OPERATION PROCEDURES & NOTICE:

1. This machine is a single-phase tunnel with a voltage of 240v
2. Switch the conveyor belt switch on, setting the speed adjust dial to the medium speed.
3. Switch the Heat & Fan Switches on, this then starting to run the fan and temperature.

4. Pressing the heating switch, the machine will start to heat. The shrink temperature is generally set at 180°C or so, if you want to re-set the temperature, please firstly press SET key, then press UP or DOWN key to adjust to a higher or lower temperature, and press SET key after you have reached the required temperature setting for your application
5. During the operation, if the application has not been fully shrunk, please decrease the conveyor speed or increase the heating temperature. Alternatively if the shrink has been split, then look to increase the conveyor speed and decrease the heating temperature.
6. After the machine has been used, please turn off the heating switch and let the conveyor motor and fan run for another 10 minutes or so, then turn off the other power switch, master heating switch and master controlling switch.

VI MALFUNCTION & TROUBLESHOOTING:

If there's a malfunction, firstly please have a check whether the input voltage is correct and also it is in the right wire connection.

1. No Heat in Tunnel
 - a. Check input power is all correct,
 - b. The temperature regulator has seized up: maintain or exchange it.
 - c. AC contactor has been damaged: exchange it.
 - d. The wire connectors have become loose, this lead to turnoff: Please try reconnecting them.
 - e. The heating tube has been damaged: exchange it.
2. The conveyor motor doesn't work
 - a. Check whether the chain is too tight, loosening the tightening bolts at the two ends.
 - b. The motor switch has seized up: exchange it.
 - c. Speed regulator has been burnt due to high temperature: exchange it.
3. Fan Switch motor doesn't work
 - a. The fan has been damaged: exchange it.
 - b. Hot wind switch has been damaged: exchange it.
 - c. The fan leaf has been blocked: reset the machine after clearing the blockage