



Excel Packaging Systems, Inc.

Add : 11799 Jersey Blvd, Rancho Cucamonga, CA 91730

Tel : 1-909-476-1100

Fax : 1-909-923-1313

E-mail: info@excelpackagingequipment.com

## PP-2040TC Convective Heat Shrink Tunnel



### FEATURES

- PP-2040TC is a dual zone, convective heat shrink tunnel that processes tamper evident bands and sleeve/label applications for large layflat containers.
- Our convection heat shrink tunnels and radiant heat shrink tunnel set the standard for performance and value. They are configured in a range of sizes to provide optimum shrink performance in minimum space.
- Industry Types Served: Beverage, Dairy, Chemical/Industrial, Consumer Products, Food, Produce, Health & Beauty Aids, Household Goods, Nutraceuticals and Pharmaceutical
- These tunnels are ideal for facilities that do not have steam generation capabilities. Their recirculating, digitally controlled convection heating system provides consistent, evenly distributed heat capable of delivering required shrink results. A single PP-2040TC tunnel can accommodate a range of applications and production speeds.
- For applications with high shrink requirements, high speeds, or challenging container geometries, dual or custom tunnel configurations will deliver the required performance. It offers the flexibility to perform three important shrink applications: Tamper evident bands, Full body over the cap sleeves, Full body sleeves;
- This flexibility makes these tunnels one of the best values in the industry.
- **Proven performance and durability:** PP-2040TC convection shrink tunnels are proven performers even in the most demanding production environments;
- **Bottle rotation system:** Second part of the finishing tunnel with rotation system provides a more even shrinking result and remove the creasing as much as possible;

- **Size range flexibility:** Container diameters range up to 8" and heights up to 12". The conveyor width of the tunnel's second part can be adjusted by rotating the handles;
- **Tool-less container changeovers:** Changeover process is simple, intuitive and repeatable;
- **Cantilevered floor stand mounting:** Tunnels can be installed over existing or new conveyor;
- **Digital temperature controller:** Provides accurate, real time monitoring and control over tunnel temperatures
- **Double-wall tunnel shell:** Double wall design keeps external surface cooler;
- **Heat source:** Electric tubular heaters producing radiant heat in a recirculating, forced air convection system;



- Heat 1 & Heat 2 is for dual zones heating of infeed part. (With yellow label on machine)



- Heat 3 & Heat 4 is for left and right infrared heating bar pointed to the jar's neck. (With yellow label)



- Transduce 1 & Transduce 2 is for setting the rotation speed of the two motors on the bottom conveyor; and transduce 3 is for setting the total conveyor running speed. (With yellow label on motor)



- Air volume in Heat 1 zone can be adjusted by Schneider Inverter 1 (FAN 1) , and air volume in Heat 2 zone can be adjusted by Inverter 2 (FAN 2).



- Infrared heating bar's position and height is adjustable by adjusting the handle manually



## SPECIFICATION

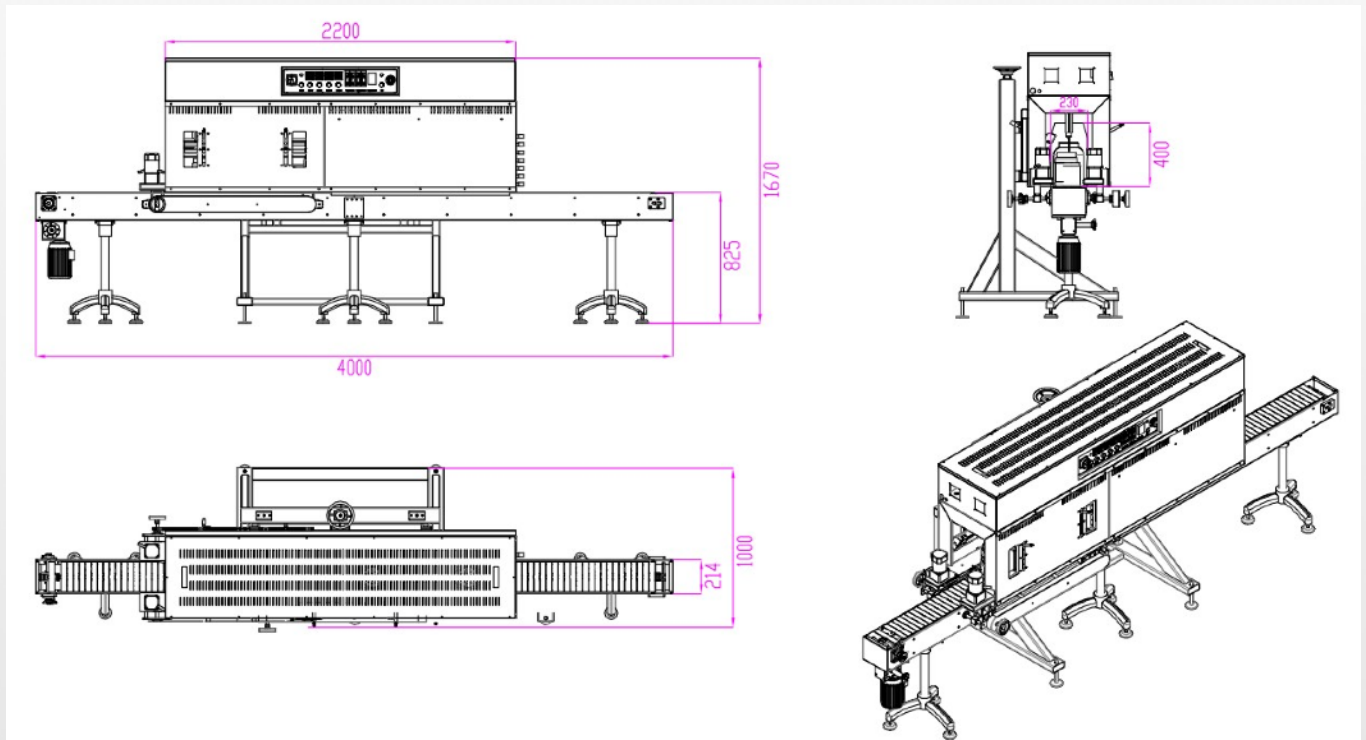
Model	PP-2040TC
Power	16kw
Power Supply	AC220/380V 3PH 50/60Hz
Max Packing Size Dia×H	200×320mm (7.78"x12.6")
Tunnel Chamber Size L×W×H	2200×230×400mm (86.6"x9"x15.75")
Packing Speed	20-40m/min
Shrink Film	PET/PVC
Machine Size L×W×H	2200×1000×1670 mm (86.6"x39.3"x65.75")
Crate Size L×W×H	2250×1050×1820 mm (88.58"x31.3"x71.65")
G./N. Weight	400/360kgs

## CONFIGURATION

Shrink Tunnel	Brand	Country
Solid State Relay	Fotek	Taiwan
Rotation Motor	Li Ming	Taiwan
Conveyor Motor	Haitec	Italy
Circulation Motor	SURFON	Taiwan
Intermediate Relay	Siemens	Germany
Temperature Controller	Autonics	Korea
DC Power Supply	Schneider	France
AC Contactor	Schneider	France
Relay	Schneider	France
Frequency Inverter	Schneider	France
All Switches	Siemens	Germany

*We can also offer customized machine according to the size of your products!*

## LAYOUT



**Warranty: 1 year. Within one year, we will replace the spare parts which are non-man made damage except the wearing parts. But the customer should bear the express charge. After the guarantee, we will offer the spare parts at EXW price and we will supply lifelong consulting services.**