



Professional Packaging Systems

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Contact

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Tripack ST Shrink Sleeve Steam Heat Tunnels



At a Glance

- Maximum shrink control with various steam components
- Fully adjustable, 3-way steam manifold injection system
- VFD controlled air circulation
- Double walled stainless steel frame
- Made in the USA

Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

Steam Heat Tunnels for Perfect Shrinking Printed Shrink Sleeves

Tripack ST series steam tunnels perfectly handle a wide range of applications for shrink sleeve labels and tamper evident bands.

Tripack offers three different sized ST steam tunnels that can be used independently or combined in line to achieve the best shrink performance for your products. All three steam tunnels are fabricated out of heavy-gauge stainless steel and have dual-wall construction.

Tripack's ST steam shrink tunnels vary by adjustable opening, overall tunnel length, and number of heating zones. Shrinking of film is a function of time and temperature.

There is a correlation between tunnel length and conveyor speed based on product size and throughput. The ST-3 is Tripack's smallest steam tunnel and has a single zone. The ST-1 and ST-2 models have multiple zones that can be set up independently. To achieve optimal shrink for a great looking product, correlate product size and throughput requirements with tunnel length, and utilize either a single tunnel or multiple tunnels.

Tripack steam tunnels have six adjustable baffles per zone, three per side. Each baffle can be adjusted up/ down, in/out, and yaw pitch for directing steam directly where it is needed on your product. Each baffle has its own flow control ball valve with calibration scale to throttle back the steam in a particular area, if needed.

Features of ST Steam Tunnels

Adjustable stainless steel weldment frame with adjustable feet

Heat safe baffle pressure calibration compartments
 Independent and adjustable steam baffles with tool-less adjustment
 Regulator and gauge kit maintains tight control of steam pressure and compensates for upstream or downstream fluctuation
 Variable speed steam exhaust controls
 Doors with windows on each side of the tunnel for easy access and operator visibility
 Water collection tray with drain system

Please [contact Pro Pac](#) or call 888-318-0083 for your shrink sleeve equipment.

Specifications of HT Shrink Sleeve Convection Heat Tunnels

	ST-3	ST-1	ST-2
Standard Power	240/480 V, 3 Ph, 30/20 Amp	240/480 V, 3 Ph, 30/20 Amp	240/480 V, 3 Ph, 30/20 Amp
Tunnel Length	3'	6.5'	10'
Tunnel Opening	9.5"W x 25"H	9.5"W x 25"H	9.5"W x 25"H
Tunnel Elevation	24.5" - 39.25"	24.5" - 39.25"	24.5" - 39.25"
Min Air Required	80 psi	80 psi	80 psi
Max Steam Consumption	330 lb/hr	550 lb/hr	660 lb/hr
Max Exhaust Blower	592 cfm	592 cfm	592 cfm

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