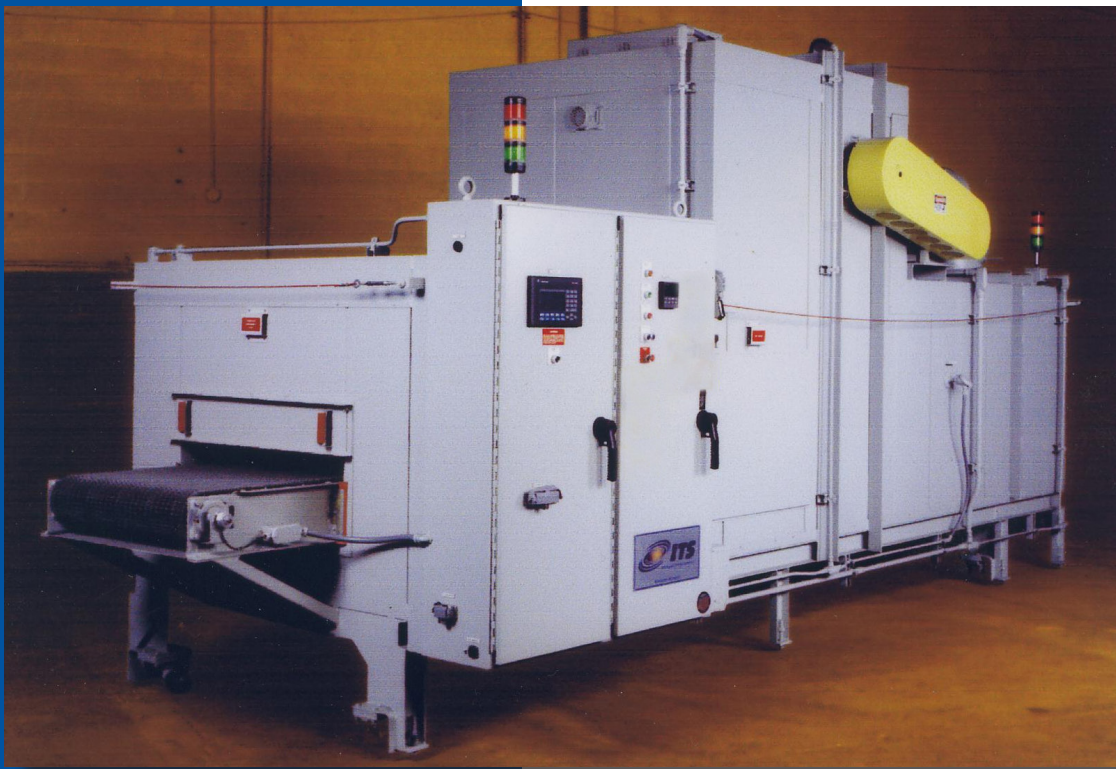


ProCon™

Conveyor Oven Series



Standard Features:

- Nema 12 Rated Control Panel
- Aluminized Steel Construction
- Flat Wire Mesh Belt with Variable Speed Controls
- Plug-Style Recirculation Fan
- Entrance and Exit Conveyor Stops
- Heating Safety Equipment
- Oven Temperature Controller
- Factory-Testing

System Options:

- Powered Exhaust
- Shutdown Timer
- Exit End Photo eye
- Spare Parts Available
- Optional Voltages

The ProCon™ Process Conveyor Oven offers industry leading heat processing technology at an affordable price point. Perfect for smaller applications and value driven projects.

ProCon™ Process Conveyor Ovens are standalone units or can be used in conjunction with the ProCon™ Process Conveyor Washer.

The ProCon™ process conveyor ovens meet a multitude of application requirements with an operating temperature range up to 500°F (260°C) and can be used for many processes including tempering, curing, preheating, drying, heat-shrinking, and heat-forming.

The ProCon™ Conveyor Oven line contains (8) eight standard oven sizes with Belt widths from 12" – 30" and the ITS engineers can also design a custom ProCon™ oven specific to the application.

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Conveyor Oven Series



Part Number	Chamber Belt Width	Chamber Height Clearance	Overall Dimensions W x L x H	Heater Input (kW)	Design Temp	Max Temp	Conveyor Belt/Load Cap.	Belt Hgt. from Fir./Load & Exit Extension lengths	Voltage Range
PCC.12.2.08.0	12" (305mm)	18" (457mm)	5' x 11' x 9'7" (1524mm x 3353mm x 2921mm)	48	500F (260C) +/- 15F (8C)	550F (288C)	50 lbs/lineal foot of Steel Wire Mesh belt (74.4 kg/lineal meter)	39"/18" (991mm/457m)	208/3/60 through 480/3/60
PCC.18.2.08.0	18" (457mm)		5'6" x 11' x 9'7" (1677mm x 3353mm x 2921mm)	60					
PCC.24.2.08.0	24" (610mm)		6' x 11' x 9'7" (1829mm x 3353mm x 2921mm)	72					
PCC.30.2.08.0	30" (762mm)		6'6" x 11' x 9'7" (1982mm x 3353mm x 2921mm)	90					
PCC.12.2.12.0	12" (305mm)		5' x 15' x 9'7" (1524mm x 4572mm x 2921mm)	48					
PCC.18.2.12.0	18" (457mm)		5'6" x 15' x 9'7" (1677mm x 4572mm x 2921mm)	60					
PCC.24.2.12.0	24" (610mm)		6' x 15' x 9'7" (1829mm x 4572mm x 2921mm)	72					
PCC.30.2.12.0	30" (762mm)		6'6" x 15' x 9'7" (1982mm x 4572mm x 2921mm)	90					

Benefits of the ProCon™ Conveyor Oven design are:

100% efficient electric heat with Zero Cross SCRs for precise temperature control

Top-down impinging airflow allows for maximum heat transfer

Variable Speed Control of the conveyor, up to 10 fpm (.05 mps)

End openings feature silhouettes for minimizing heat spillage

A 1" (25mm) x 1" (25mm) High Carbon Steel Flat Wire Mesh Belt for minimal airflow obstruction

Closeoff sheets minimize bypass air and maximize air passage through the product