

# CTU Series Tunnel Finishers

*Designed so the workflow is in a U-shaped configuration*

- No other U-configured tunnel finisher on the market can boast the quality, production and rugged construction.
- Advanced blower and air distribution system
- Standard PLC (programmable logic controller) and touch screen control system
- Full entrance/exit enclosure to evacuate excess heat and steam
- Five models to fit your needs:  
CTU-190 (16-foot)  
CTU-240 (20-foot)  
CTU-290 (24-foot)  
CTU-340 (28-foot)  
CTU-390 (32-foot)
- Air distribution system equalizes air volume and turbulence throughout entire finishing chamber assuring top quality, performance and productivity.
- Full-length air return system saves energy by effectively recirculating heated air back to the blower.
- Adjustable Steam Settings:  
Exceptional finished garment quality begins with properly conditioning the garment and preparing it for the finishing/drying chamber. Proper steam volume in the steam chamber is critical.
- U.L. listed industrial control panel
- Standard two-year parts warranty
- The best Service Department in the industry



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*...Start with accuracy, finish with quality*

## OPTIONS:

### SMART-VEYOR CONVEYOR

The conveyor system is a vertical pendant-style conveyor with 3-1/8" spacing. A variable speed 1/2-HP DC drive motor powers the conveyor through a pulley, belt and gear reduction system. The drive system has a pneumatically operated chain tensioning feature. There are three safeties which will turn off the conveyor drive and activate a rotating beacon should (1) the chain stop moving for any reason, (2) a hanger get past the automatic unloading, or (3) there is no air pressure to the tensioning system. Also, there is a torque limiter on the chain drive sprocket to prevent gearbox damage if something should interfere with the chain's travel. The Smart-Veyor system also has a conveyor/burner interlock system that extinguishes the gas burner should the conveyor stop.

### CLEANSCREEN SYSTEM

This system is designed to automatically clean the CTU lint screen at preset time intervals. The system eliminates the need to stop CTU production for cleaning of the lint screen.

### CONVEYOR/BURNER INTERLOCK SYSTEM

The conveyor/burner interlock automatically deactivates the gas burner heating system should the conveyor stop for any reason. This prevents the chance of stationary garments in the tunnel overheating.

### CONVEYOR SPEED INDICATOR SYSTEM

A digital display that shows conveyor speed in hooks per hour. This option is for Colmac tunnel finishers that have conveyor systems installed by others. (Note: The speed indicator system is included with factory-installed conveyors.)

### FLOOR GRATES

Floor grates in finishing chamber improve return airflow. Mounted above the floor; strong enough to walk on.

### LEVELING PADS

Adjustable pads that fit on the base of the machine for leveling on uneven floors and elevating to allow cleaning under the machine.

### SPARE LINT SCREEN

Having a spare lint screen on-hand means you always have a clean lint screen. Simply remove the dirty screen and quickly replace it with the clean one while the machine is in operation; no need to shut the machine down.

### STAINLESS STEEL EXTERIOR

With this optional package, all exterior panels, corners, header panels and top covers are manufactured from Type 304 stainless steel.

### STEAM MOISTURIZING SYSTEM

This system enhances wrinkle removal from dry garments by increasing the moisture content of the live steam.

SPECIFICATIONS	CTU-190	CTU-240	CTU-290	CTU-340	CTU-390
Floor Space <i>with enclosure, without conveyor</i>	228" (5790 mm) x 63-1/2" (1610 mm)	276" (7010 mm) x 63-1/2" (1610 mm)	324" (8230 mm) x 63-1/2" (1610 mm)	372" (9450 mm) x 63-1/2" (1610 mm)	450" (10670 mm) x 63-1/2" (1610 mm)
Back Clearance	Minimum clearance needed at back and sides of tunnel is 24 inches (610 mm) or per codes.				
Height	95-1/2" (2430 mm)				
Weight (pounds) <i>without conveyor, uncrated</i>	5,725 lbs	6,450 lbs	7,175 lbs	7,900 lbs	8,625 lbs
Electrical Requirements*	NAMEPLATE AMPS				
200/208v/60hz/3ph	41A	56A	67A	81A	94A
230v/60hz/3ph	36A	50A	60A	72A	84A
380v/50hz/3ph	22A	31A	37A	44A	51A
460v/60hz/3ph	19A	26A	31A	37A	43A
575/60hz/3ph	15A	20A	24A	29A	34A
Steam Requirements	1-1/4" (32 mm) NPT inlet connection; 3/4" (19 mm) NPT return connection; 125 psi (8.5 atm) maximum. Adjustable to 20 BHP (345 kg/hr)				
16" Exhaust Motor	1-1/2 HP				
Vent Requirements 16" Blower	16" (405 mm)				
Blower Motor	10 HP	15 HP	20 HP	25 HP	30 HP
Gas Requirements	1" (25.4 mm) NPT connection on the main incoming service regulator. Gas pressure – minimum 21" water column; Maximum 40 psi (refer to manual)				
Burner Rating	800,000 BTU's	800,000 BTU's	800,000 BTU's	1,200,000 BTU's	1,200,000 BTU's
Approximate Operating BTUH	250,000 to 420,000 BTU's	360,000 to 604,000 BTU's	450,000 to 756,000 BTU's	560,000 to 945,000 BTU's	660,000 to 1,100,000 BTU's
Installation	Equipped with necessary regulators, traps and gauges.				

\*Incoming service and external fusing should be rated for at least twice nameplate amps.

Information contained in this brochure is subject to change without notice.

