

LTS1000i Advantages

- 4 tires per minute
- Powered infeed conveyor with centering gate and pneumatic tire lift
- 2-position pneumatic linear transfer with VFD controlled tire rotator motor
- 6-finger pneumatic tire gripper
- Pivoting brush assembly for periodic cleaning
- 3-station outfeed conveyors
- Downdraft booth and exhaust fan & filter
- Integrated tire measurement for OD/ID & height
- Pioneer's patented PFDS (Precision Fluid Delivery System)
- Fan air for the spray gun automatically adjusts to optimize spray pattern to each individual tire.
- Spray gun position servo controlled relative to tire height
- Optional upgrades available



LTS1000i is ideal for Passenger and LT Tires

**Shown with optional U-Conveyors and Accumulation Zones*



Quick Change Inside Spray Gun on Linear Actuator
 *Shown with dual gun option



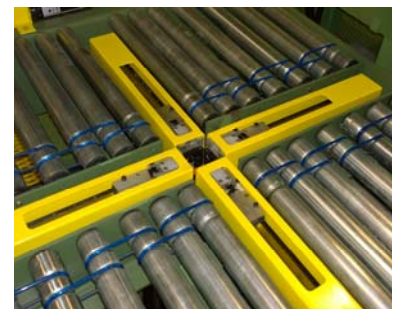
Belt Driven 6-Finger Chuck



Patented Servo Controlled Precision Fluid Delivery Panel
 US PATENT 9,192,953



Infeed Conveyor with Pneumatic Lift Cross



Optional Bead Stretcher Integrated into Lift Cross

Available Options:

- Additional accumulation zones, infeed or outfeed conveyors
- U-conveyor curves
- Outside tire spray (increases cycle time)
- Emergency cable pulls for the conveyor
- Agitator for PFDS holding tank
- Bead Stretcher integrated into the lift cross
- Variable chuck gripping pressure
- Graco drum agitator w/ pneumatic lift assist
- A/C unit in place of filter/fan for main electrical cabinet
- Upgrade to Allen Bradley ControlLogix PLC (standard CompactLogix)
- Remote main electrical enclosure location
- Recipe based spraying, requires barcode
- Torit wet mist collector
- Flow Sensor
- NAT Module for network communications
- Barcode reader
- Data collection
- CE Certification
- Additional options are available by request.

Model "LTS1000i" Specifications

Bead Diameter	12" - 18"	305- 458mm
Max Bead to Bead Width	28"	712mm
Min Collapsed Bead Height	8"	203mm
Max Tire OD Diameter	32"	813mm
Max Tire Weight	85lbs	38.5kg
Inside Tire Spray	360 degrees	
Outside Tire Spray	Optional	
Cycle Time	4 tpm, 240tph, 5,000tpd (avg tire size)	
PLC	Allen Bradley Compactlogix	
HMI	Allen Bradley Panelview Plus 7 10" display	
Tire Measurement	Light arrays (OD/ID, & Height)	
Spray Gun	Devilbiss quick change manifold	
Spray Gun Pattern	Variable	
Atomizing Air	Variable	
Fluid Delivery	Pioneer Precision Fluid Delivery System	
Tire lube	Water based—no solvent	
Purge	Manual flush	
Chuck Cleaning	Pivoting brush	
Electrical Service Req'd	480v/3ph/60amp or 380V	
Air Service Req'd	1" drop @ 80PSI (5.5bar) min 20CFM (570lpm) max	
Water Service Req'd	3/8" drop @ 30psi max (for purge)	
Machine footprint	12'-8" x 15'-5"	
Overall Height	8'-8"	
Conveyor Passline	37.5"	
Exhaust Fan and Filters	5hp 18" Dia, Slide in pocket filters	
Down-draft booth	HR Steel	

