Everest Tunclean 320-WRD, 3 Stage, Tunnel Conveyor Spray Cleaner



Stock No	EVT100
Manufacturer	Everest
Model	Tunclean 320-WRD
Year of Manufacture	2018
Serial	180088
Condition	Excellent Condition, Ex demonstration, Unused, Current Model
Work Envelope (WxDxH mm)	W 300mm x H 200mm
Process Stages	3 Stage Wash, Rinse & Dry
Location	Istanbul, Turkey
External Dimensions (WxDxH mm)	1250 x 5500 x 2050mm

Description

Manufactured in 2018, the Everest Tunclean 320-WRD is a 3-stage tunnel conveyor spray cleaning system designed for continuous, high-throughput component cleaning. With a 300 × 200mm work envelope and stainless-steel conveyor, the machine transports components through dedicated wash, rinse and drying zones, providing an automated cleaning solution for high-volume production environments across automotive, metalworking and general manufacturing.

The tunnel design allows parts to move continuously through each stage, with adjustable conveyor speeds from 0.5–2.0 m/min to suit different production requirements. Pressurised hot water and detergent provide effective removal of oils,

grease and production residues, followed by clean-water rinsing and high-efficiency hot-air drying.

3 Stage Automated Cleaning Process

1. **Washing** – Components pass through a pressurised spray zone using heated water and detergent to remove oils, grease, dirt and heavy production contaminants.
2. **Rinsing** – Clean water is circulated through dedicated spray jets to remove detergent and remaining residues from the component surfaces.
3. **Drying** – High efficiency heated air is circulated over the components to remove residual moisture before they exit the tunnel.

The adjustable conveyor speed allows the cleaning cycle and throughput to be tailored to different component types and production demands.

Benefits

- **3 stage tunnel system** – Dedicated wash, rinse and drying stages
- **High throughput cleaning** – Designed for continuous production environments
- **300 × 200mm work envelope** – Suitable for a range of component geometries
- **Stainless steel construction** – 304 stainless steel for durability and corrosion resistance
- **Adjustable conveyor speed** – 0.5–2.0 m/min for flexible throughput
- **Stainless steel mesh conveyor** – Continuous component transport through each stage
- **Pressurised spray cleaning** – Effective removal of oils, grease and production residues
- **Hot water and detergent washing** – Powerful first stage cleaning
- **High efficiency hot air drying** – Recirculated heated air for effective drying
- **Siemens PLC control** – Repeatable and consistent automated operation
- **Manual or automatic feeding** – Suitable for continuous or indexing production
- **Low water level protection** – Helps protect pumps and heating systems
- **Dual Lowara pumps** – CEA 120/5/A x 2
- **Optional fresh air blowing** – Additional drying capability available

Technical Specifications

Model	Tunclean 320-WRD
Year of Manufacture	2018
Process Stages	3 Stage – Wash, Rinse & Dry
Work Envelope	300 × 200mm
External Size	1,250 × 5,500 × 2,050mm
Total Power	38.0kW
Heating Power	12kW / 6kW / 4kW
Drying Power	9kW
Conveyor Speed	0.5–2.0 m/min
Wash/Rinse Pumps	Lowara CEA 120/5/A × 2

Drying Fan	0.55kW / 1,800 m³/h
Construction	304 Stainless Steel
Control	Siemens PLC
Optional Feature	Fresh-air blowing

Continuous Tunnel Spray Cleaning

The Tunclean 320-WRD is designed to integrate into high-volume production lines, with components transported automatically through sequential cleaning zones rather than requiring individual loading and unloading between stages. Its modular wash, rinse and drying configuration provides a practical route to consistent component cleaning while maintaining production throughput.

With its combination of adjustable conveyor speed, pressurised spray cleaning, heated drying and PLC-controlled operation, the Everest Tunclean 320-WRD offers a flexible solution for businesses looking to increase automated cleaning capacity for components of varying shapes and geometries.

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.