

Custom Engineered Solutions specific to the customer's application

Standard Features:

- Stainless steel construction
- Belt, Monorail, Drum or Table Type Design
- Single and Multi-Stage Configurations
- Nema 12 Control Panel w/PLC & HMI Control
- Multiple Heating Configurations
- Ambient or Hot Air Blow-Off
- Automatic Tank Level Controls
- Housing & Tank Access Doors
- Vertical Pumps
- Pump Protection Screens
- CPVC Piping
- Removable & Adjustable Spray Piping
- Powered Exhaust
- Variable Speed Conveyor Drive

Optional Features:

- Customized Conveyors and Part Handling
- Additional Process Stages (2nd Wash, Rinse, Rust Preventative)
- Oil Removal Systems
- Solution Filtration
- Tubeaxial or Mist Eliminator Exhaust
- Chemical Make Up/Monitoring & Control Systems
- Specialty Material Handling
- Tank & Housing Insulation



We offer single to multi-stage configurations, and can manufacture belt widths to exacting customer specifications with flat wire, balanced weave, mesh or various non-metallic materials handling designs and options for heat mediums include electric, gas, LPG or hot water and steam.

An inline conveyor belt washer can be used for either a batch or continuous flow process. It is typically best suited for cleaning parts within a defined range of standard or uniform sizes. Those parts can have complex geometry, with tapped holes and more difficult contaminants to be removed. An inline conveyor washer is also well suited for removing most of the moisture from the parts.

With inline cleaning through a conveyor washer, the parts move through the wash and rinse stages at a constant rate, and the fixed spray nozzles provide targeted solution spray that completely surrounds the parts. That spray is in close proximity to the parts at all times through each process stage.

Conveyor belt washers are designed specifically to your product and solution requirements.

TruClean

International Thermal Systems

CONVEYOR WASHER



Specification	Belt Washer
Configuration	Single to multi-stage configurations available.
Belt Width	Per customer specification.
Material Handling	Belts: Flat Wire, Balanced Weave, Mesh and various non-metallic materials
Pump	Solution pumps are vertical discharge type allowing easy removal for maintenance without draining tank.
Stages	Stages are application specific and may include pre-rinse, pre-wash, wash, rinse and seal.
Heated Stage	Any stage can be supplied as a heated stage.
Process Tank	All tanks can be constructed with Carbon Steel or Stainless Steel, Continuous Welded, and incorporate the necessary Baffles for proper fluid flow.
Spray Piping	Black Iron, Stainless Steel, PVC or CPVC
Fresh Water Manifold	PVC Fresh Water System
Washer Housing	The Housing for all stages can be fabricated with Carbon Steel or Stainless Steel.
Washer Access	Access doors will be provided in drain areas between stages but can be placed to accommodate any requirements.
Exhaust	Conventional Tube Axial exhaust fans in Fiberglass, Carbon Steel or Stainless Steel construction.
Power Source	Main Power Supplies from 208 to 690 Volt AC, 50 and 60 HZ Control Voltage 24 Volt DC or 120 or 220 Volt AC
Heat Medium	Electric, Gas, LPG, Hot Water and Steam
Control System	Standard Relay Logic optional PLC Control
Conveyor Control	Fixed speed or VFD Control

