



BELT WASHER

Standard Features of the Belt Washer

- Multi-Stage Configuration
- NEMA 12 rated Control Panel
- Carbon Steel or Stainless Steel Construction
- Ambient and Heated Solution Tanks
- Low Water Protection Sensor in heated tanks
- Vertical Solution Pumps
- Large capacity solution tanks have sloped bottoms for easy discharge for cleaning.
- Stainless steel debris screens between the main solution tank and the pump intake to prevent motor damage.
- Large hinged canopy access doors allow for easy cleaning of washer interior and solution tank.

The Flat Belt Washer is the most universal type of cleaning machine available. They can be furnished in very basic configurations that can effectively clean the majority of metal parts in all shapes and sizes.

The Belt Washer can also be furnished with material handling equipment to process specialized machined components, furnished in single or multistage designs, and with most popular heating systems.

Design can include standard or special fixture type conveyors specific to your product or solution spray equipment in many spray patterns and system pressures.

Standard features include quick disconnects on all spray pipes, clip on nozzles, marine type tank clean out doors, automatic tank liquid level controls, housing access doors, tank extensions with access doors, overflow and tank drain connections, pump protection screens, washer housing exhaust fans, and sloped tank bottoms.

Equipment construction can include carbon steel or stainless steel tanks and housings. Spray piping can be furnished in black iron,

stainless steel or CPVC materials. Vertical process spray pumps used in these systems are supplied in all iron, stainless fitted or all stainless steel depending on the type of solutions used for the application.

While the natural gas combustion heating system is common, other heating methods are also available.

A pre-wired electrical control system is included with every Flat Belt Washer System. A NEMA 12 enclosure is used to house NEMA or IEC electrical components including the main disconnect switch. The door mounted push buttons, indicating lights and temperature controls are included. We can provide special electrical controls such as programmable logic control (PLC) systems including programming and documentation.

Optional equipment such as oil removal, filtration, blow-off, and chemical controls are also available.

Each Industrial Flat Belt Washer is tested for performance in function, accuracy, safety systems, and temperature.

BELT WASHER



TECHNICAL BULLETIN

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



Optional Equipment:

- Insulated tanks and canopies
- Oil Skimmer
- Filtration
- Blow-off
- Chemical Controls

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