

Metal Packaging Can Washer



- **REDUCE** Can Size Change-Over Time
- **REDUCE** Maintenance Time
- **REDUCE** Chemical Usage
- **REDUCE** Water Consumption
- **REDUCE** Belt Replacement Costs

Standard Features

- Patented quarter-turn quick disconnect risers
- Modular skid to support pumps, heat exchangers, and filters
- ANSI style horizontal pumps
- Dual removable pump inlet screens
- Plate and frame heat exchangers
- Removable roof design allows complete access to the interior
- Lift-off access door designed for operator safety
- A multiple zone Vacuum Transfer System on the can washer exit
- Electronic can jam sensors, flow control, and synchronized conveyor speed control
- Variable Frequency Drive (VFD) motor control

The multiple stage Can Washers clean the interior and exterior surfaces of cans in the beverage and food can industries. Recover and reuse precious chemical resources with our exclusive patented Belt Vacuum System. Removable roof panels allow access to the entire length of the washer interior thus reducing maintenance time and cost.

Additional Options:

- Hot water or steam boiler
- Patented Belt Vacuum System (BVS) to reclaim chemicals and reduce water consumption
- Single Point Height Adjustment feature to raise or lower the hold down conveyor or vacuum transfer system to process multiple can sizes

Metal Packaging Can Washer



| Specification | Multiple Stage Can Washer |
|----------------------|---|
| Production Rate | Up to 6,000 CPM |
| Belt Width | Up to 8 Feet |
| Material Handling | 1" x 1" or 1/2" x 1" 316L Stainless Steel Flat Wire Belts Intralox® Series 9000 Flush Grid PVDF Plastic Belt |
| Slide Bed | 316L Stainless Steel Herringbone |
| Hold Down Conveyors | Supplied in high pressure stages (pre-wash and wash) with height adjustment for multiple can sizes |
| Blow-offs | Air knife blow-offs between the stages of the washer |
| Pump Skid | A modular pump skid for mounting the pumps, heat exchangers and filters |
| Pumps | ANSI style horizontal centrifugal pumps constructed from 316L Stainless Steel |
| Available Stages | Pre-rinse, Pre-wash, Wash, Drag-out #1, Rinse #1, Treatment, Drag-out #2, Rinse #2, DI, Mobility Enhancer |
| Heated Stages | Pre-wash, Wash and Treatment via externally mounted plate and frame heat exchangers |
| Process Tanks | All tanks are constructed with 316L stainless steel, continuous welded, and incorporate the necessary baffles for proper fluid flow |
| Process Piping | All process piping provided will be 316L stainless steel or Schedule 80 CPVC |
| Risers | Risers will be 316L stainless steel and include ITS patented quarter-turn disconnect that will couple each riser to a header pipe |
| Fresh Water Manifold | CPVC Fresh Water System |
| Washer Housing | The housing for all stages will be 316L stainless steel |
| Washer Access | Roof mounted access doors will be provided along the entire length of the washer Stage access doors will be provided in each spray zone and at each blow-off |
| Exhaust | One (1) Tube Axial Stainless Steel Exhaust Fan |
| Vacuum Transfer | Multiple zones with height adjustment for multiple can sizes |
| Power Source | 220-690 volts, 3 phase, 50-60 Hz |
| Heat Medium | Hot water or steam |
| Heat Source | Natural Gas: 1,000 SCFH @ 1-5PSI/1,000 BTU/CU FT Propane Gas: 400 SCFH @ 1-5PSI/2,500 BTU/CU FT |
| VFD | Variable Frequency Drives will control the operation of washer conveyor, hold down conveyors, vacuum transfer, and oven conveyor |
| Pack Density | 95% |

"I have been part of several can lines projects greenfields and replacements, and most of the time we chose ITS washers, pin ovens and inside bake ovens.

My reasons are:

- The rate price/quality is very good.*
- They offer their products equipped as detailed customer preferences.*
- They are very reliable.*
- The service they provide is prompt and good.*
- In case of failures they respond quick and with good support."*

Leopoldo
Metal Packaging Customer