



CINCINNATI INDUSTRIAL MACHINERY

Industrial Series Belt Washer

Belt washers are ideally suited to processing parts with smooth surfaces or continuous contours that are easily drained. Parts free of pockets which can trap fluids are commonly processed in belt washers integrated into automatic production lines. The system is readily interfaced with existing conveyor lines and equipped with a variable speed drive for production line synchronization.

Enduring Construction

- Stainless steel machine fabrication
- Doubled welded, water tight tanks
- Epoxy coated tubeaxial exhaust fan
- Industrial vertical close coupled pumps
- Stainless steel belt and supports
- Stainless steel spray piping
- CPVC water inlet piping, single point connection
- Bag filter/stage

Easy Maintenance

- Clip-on nozzles
- Automatic water fill
- Housing access doors
- All lubrication points easily accessible
- Lift-off tank access lid with stainless steel pump screen
- Lifting lugs for machine mobility

Operator Friendly

- PLC control
- Color display HMI
- Push buttons and pilot lights for operator interface
- Variable speed conveyor controller, pump controllers and fan controllers
- Easy read gauges
- Air knife & spray nozzle angles easily adjustable
- Programmable preheat-up of tanks



Elite Finish

- Stainless steel unpainted
- Painted control panel
- All guarding painted safety yellow

Environmentally Conscious & Safety Minded

- Insulated blow-off heating chamber
- Premium efficiency motors
- Energy conservation mode
- Machine warning labels
- E-stops on each end and control panel
- Mechanically guarded drive components
- Ergonomic design
- High temperature cut-off switch in blow-off
- Low solution level cut-off switches

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Specifications

	Model ISB-14	Model ISB-26	Model ISB-38
Belt width	14"	26"	38"
Tunnel height	7"	12"	17"
Process heating	Electric	Electric	Natural Gas
Rinse pump	50 GPM @ 30 PSI	70 GPM @ 30 PSI	100 GPM @ 30 PSI
Wash pump	70 GPM @ 30 PSI	100 GPM @ 30 PSI	150 GPM @ 30 PSI
Wash & rinse temp	130° F / 130° F	130° F / 130° F	130° F / 110° F
Filtration wash/rinse	50/25 micron bag	50/25 micron bag	50/25 micron bag
Blow-off fan	1100 CFM @ 9" SP	2000 CFM @ 9" SP	4000 CFM @ 6" SP
Blow-off temp	180° F	180° F	180° F
Approx. overall dimensions	14'6" L x 6'5" W x 5'2" H 7'10" H to top of fan	17'6" L x 7'9" W x 5'8" H 8'3" H to top of fan	20'6" L x 9'8" W x 6'2" H 8'7" H to top of fan
Pass height	42"	42"	42"
Approx. ship weight	11,000 lbs.	13,500 lbs.	16,000 lbs.
Utility Connections & Estimated Consumption*:			
Electric	480/3/60, 145 FLA, 200 Amp disconnect, 200 Amp service	480/3/60, 202 FLA, 250 Amp disconnect, 400 Amp service	480/3/60, 45 FLA, 60 Amp disconnect, 60 Amp service
Water - initial fill	1-1/2", 425 gal.	1-1/2", 600 gal.	1-1/2", 1160 gal.
Water - consumption	4-6 gallons/hour	6-9 gallons/hour	9-12 gallons/hour
Drain	2"	2"	3"
Exhaust - machine	12" dia., 575 CFM	15" dia., 1375 CFM	15" dia., 2795 CFM

Note: Utility consumption rates are estimates only and will depend on many variables such as types and quantity of soils, part configurations and materials, production rate, temperatures, options purchased, etc.

All specifications are subject to change with design improvement without notice.

Available Options

- Tank Wall Insulation
- Belt type oil skimmer
- High volume oil removal
- Drain valves
- Manifold drain connections
- Removable chip basket
- Stainless steel pumps or bag filters
- Machine status indication via 3-light stack light