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
Industrial Series Belt Washer

Specifications

<table>
<thead>
<tr>
<th></th>
<th>Model ISB-14</th>
<th>Model ISB-26</th>
<th>Model ISB-38</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belt width</td>
<td>14”</td>
<td>26”</td>
<td>38”</td>
</tr>
<tr>
<td>Tunnel height</td>
<td>7”</td>
<td>12”</td>
<td>17”</td>
</tr>
<tr>
<td>Process heating</td>
<td>Electric</td>
<td>Electric</td>
<td>Natural Gas</td>
</tr>
<tr>
<td>Rinse pump</td>
<td>50 GPM @ 30 PSI</td>
<td>70 GPM @ 30 PSI</td>
<td>100 GPM @ 30 PSI</td>
</tr>
<tr>
<td>Wash pump</td>
<td>70 GPM @ 30 PSI</td>
<td>100 GPM @ 30 PSI</td>
<td>150 GPM @ 30 PSI</td>
</tr>
<tr>
<td>Wash &amp; rinse temp</td>
<td>130° F / 130° F</td>
<td>130° F / 130° F</td>
<td>130° F / 110° F</td>
</tr>
<tr>
<td>Filtration wash/rinse</td>
<td>50/25 micron bag</td>
<td>50/25 micron bag</td>
<td>50/25 micron bag</td>
</tr>
<tr>
<td>Blow-off fan</td>
<td>1100 CFM @ 9” SP</td>
<td>2000 CFM @ 9” SP</td>
<td>4000 CFM @ 6” SP</td>
</tr>
<tr>
<td>Blow-off temp</td>
<td>180° F</td>
<td>180° F</td>
<td>180° F</td>
</tr>
<tr>
<td>Approx. overall dimensions</td>
<td>14'6” L x 6’5” W x 5’2” H 7’10” H to top of fan</td>
<td>17’6” L x 7’9” W x 5’8” H 8’3” H to top of fan</td>
<td>20’6” L x 9’8” W x 6’2” H 8’7” H to top of fan</td>
</tr>
<tr>
<td>Pass height</td>
<td>42”</td>
<td>42”</td>
<td>42”</td>
</tr>
<tr>
<td>Approx. ship weight</td>
<td>11,000 lbs.</td>
<td>13,500 lbs.</td>
<td>16,000 lbs.</td>
</tr>
</tbody>
</table>

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