

# PCS

## FRONT LOAD CLEANING SYSTEMS

## Aqueous Parts Washers

### A Heavy Duty Machine Built with Commercial Customers in Mind



Since our beginning in 1983, JRI Cleaning Systems has grown into an industry leader, offering the most complete line of aqueous parts washers available. JRI is a well financed and insured company offering UL/ETL certified equipment to a wide variety of industries. As part of our original product offering, the PCS line of parts cleaning systems is still an industry leader. This system not only provides precision cleaning, but also reliability that makes these systems a keystone in the world of cabinet cleaning systems. With 17 standard models to choose from, custom units with turntables up to 120", weight capacities up to 50,000 lbs, re-circulating and fresh water rinse cycles, ambient and heated blow off options available, we have the cleaning system to not only meet but exceed your cleaning requirements.

### Gear & Sprocket Driven Turntable

JRI's Washers use our proven sprocket driven turntable eliminating chains, belts, tires, and other friction drives systems that can stretch or slip resulting in poor cleaning performance. Our direct drive gear driven design insures consistent rotation and spray impingement on the part, necessary to cleaning. JRI's Turntables handle weights from 1000 lbs to 50,000 lbs, designed to carry the heavy loads in any industry.



### V - Notch Door

JRI's "V" notch tower/door design on the Front Cabinet Style Washers allows access to the center of the turntable from above for ease of loading and unloading with the use of overhead lift systems.

### Mid Level Swing Away Spray Bars

Swing away mid level spray bars are included to allow a range of part sizes to be cleaned. By reduce the distance from the part to the manifold/nozzle we achieve better impingement on shorter parts resulting in faster, more efficient cleaning.



A Green Solution for a Green Planet

[www.jriindustries.com](http://www.jriindustries.com) 800.524.WASH

# PCS

## Front Load Cleaning Systems

### Standard Features

The PCS line of cleaning systems come equipped with the following:

- Vertical Pump Systems - Reliable and efficient
- Watlow Heat Elements
- Industrial Controls - Lighted Switches
- Mechanical Door Seals - No rubberized seals that WILL leak!
- Large Swing-Out Doors for Full Access - there is not a more accessible turntable on the market
- Option Ready Shelf - not sure what options you will need? Our machines come ready for simple
- Plug-N-Play option installation in-field
- Low Water Shut-Off - Protect your heat elements from low water conditions
- Swing away Spray Manifolds - For better impingement on smaller parts

### Optional Equipment Available

All PCS units can be purchased with the following equipment to customize the systems:

- Disc Style Stainless Steel Oil Skimmer
- Oil coalescing systems
- All or Partial Stainless Steel Construction available
- Auto Water Fill
- Particulate Bag Filtration
- 1 or 2 Function Timers
- Re-circulating and non-recirculating rinse stages
- Ambient and heated blow off stages
- Sludge extraction and Steam exhaust systems
- Pump, Heat and Weight capacity upgrades
- Gas and Steam Heat options
- Insulation packages
- Electrical Service Disconnect
- Dual Turntable Options and Custom Fixturing

Visit [www.jriindustries.com](http://www.jriindustries.com) or contact JRI Industries at 417.866.8855 for a complete range of Parts Washers and Options.



Stainless Steel  
Oil Skimmer



V-Jet Nozzle

| Models Available | Turntable Dia (in) | Working Height (in) | Weight Capacity (lbs) | Solution Capacity (gal) | Pump (vertical hp) | Pump Output (psi/gpm) | Heat Source (kw) | Door Design | Overall Dim (l x w x h) (in) |
|------------------|--------------------|---------------------|-----------------------|-------------------------|--------------------|-----------------------|------------------|-------------|------------------------------|
| PCS-2532         | 25                 | 32                  | 1000                  | 95                      | 3                  | 52/35                 | 9                | Roll-Out    | 52 X 43 X 60                 |
| PCS-3136         | 31                 | 36                  | 1000                  | 140                     | 3                  | 52/35                 | 12               | Roll-Out    | 55 X 49 X 64                 |
| PCS-3142         | 31                 | 42                  | 1000                  | 140                     | 5                  | 80/85                 | 12               | Roll-Out    | 55 x 49 x 70                 |
| PCS-3148         | 31                 | 48                  | 1000                  | 140                     | 5                  | 80/85                 | 12               | Roll-Out    | 55 X 49 X 76                 |
| PCS-3642         | 36                 | 42                  | 1500                  | 180                     | 5                  | 80/85                 | 18               | Roll-Out    | 67 X 54 X 76                 |
| PCS-3648         | 36                 | 48                  | 1500                  | 180                     | 5                  | 80/85                 | 18               | Roll-Out    | 67 X 54 X 82                 |
| PCS-3660         | 36                 | 60                  | 1500                  | 180                     | 7.5                | 75/120                | 18               | Roll-Out    | 67 X 54 X 94                 |
| PCS-4255         | 42                 | 55                  | 1500                  | 240                     | 7.5                | 75/120                | 18               | Roll-Out    | 73 X 63 X 90                 |
| PCS-4260         | 42                 | 60                  | 1500                  | 240                     | 7.5                | 75/120                | 18               | Roll-Out    | 73 X 63 X 95                 |
| PCS-4272         | 42                 | 72                  | 1500                  | 240                     | 10                 | 75/150                | 36               | V-Notch     | 73 x 63 x 107                |
| PCS-5060         | 50                 | 60                  | 1500                  | 300                     | 15                 | 75/200                | 36               | V-Notch     | 69 X 81 X 95                 |
| PCS-5072         | 50                 | 72                  | 1500                  | 300                     | 15                 | 75/200                | 36               | V-Notch     | 69 X 81 X 107                |
| PCS-6060         | 60                 | 60                  | 1500                  | 400                     | 15                 | 75/200                | 36               | V-Notch     | 79 X 91 X 96                 |
| PCS-6072         | 60                 | 72                  | 1500                  | 400                     | 15                 | 75/200                | 36               | V-Notch     | 79 X 91 X 108                |
| PCS-7260         | 72                 | 60                  | 2000                  | 550                     | 15                 | 75/200                | 36               | V-Notch     | 91 X 103 X 97                |
| PCS-7272         | 72                 | 72                  | 2000                  | 550                     | 15                 | 75/200                | 36               | V-Notch     | 91 X 103 X 109               |

Distributed By:



**JRI INDUSTRIES**

[www.jriindustries.com](http://www.jriindustries.com)  
800.524.WASH

A Green Solution for a Green Planet