

PARTS WASHERS FOR PRODUCTION PROCESS CLEANING

Automatic Front Load Wash Dry System with Heavy Duty Pump Motor



COMPONENT HIGHLIGHTS



HMI Controls



Dry Cycle Blower and Exhaust



30 HP Heavy Duty Pump Motor



OPTION: Dual Turntables

DESCRIPTION

The Renegade I-Series 6048 WD Parts Washer delivers 2-stage Wash/Dry cleaning efficiency, and is designed for high production, repetitive cleaning operations. Discover the difference and learn when Renegade I-Series custom parts washers are the wise choice when configured for your production cell. Performance benefits include larger capacities, increased automation and integration of components. Renegade engineers and sales representatives listen to your special cleaning challenges to meet your clean specification or stringent warranty requirements. Maximize efficiency with Renegade custom designed parts washer systems for your production cell cleaning operation.

KEY FEATURES AND BENEFITS

- Wash Dry: Two-Stage Cleaning Efficiency.
- Programmable Logic Controller
 - 7-day Timer for Heating and Skimming
 - Cycle Times Display
 - Low Water Warnings
 - Preset Maintenance Cycles
 - Preset Wash Cycles
 - Temperature Display
 - Touch Control for Jog Turntable
 - Touch Control for Start & End Cycle
 - Debug Mode to Individually Control Pumps, Valves, Heaters, & more
- Gear Driven Turntable
- Heavy Duty 10 Gauge Steel Construction

- ACT (Average Cycle Time) 10 minutes*
- Automatic Low Water Level Shut Down
- Oil Skimmer with Programmable 7-day Timer
- Washer Door Safety Switch

WASH CYCLE

- 30 HP Heavy Duty Wash Cycle Pump; 450 GPM @ 60 PSI; 500 Gal. Capacity; Heater: (4) 3 Ph 48KW @ 460V

DRY CYCLE

- Power Steam Exhaust with a Stainless Steel 1/3 HP Blower Heated Blow Dry Cycle 3HP Stainless Steel Blower; Heater: 24KW @ 460V
- **Wash Zone Dimensions: 60" Diameter x 48" High**
- **3500 Lb. Load Capacity**
- **Maximum Heater Temperature: 190°**
- **Machine Dimensions: 123" H x 117" W x 89" D**

I-Series 6048 WD Rev. 11-2016 *Estimated average range. Cycle times will vary depending on production cell operations, part size, part shape, part weight, and product supply. Subject to changes and modifications without notice.



CALL: 800-774-7900

EMAIL: sales@renegadepartswashers.com

PARTS WASHERS FOR PRODUCTION PROCESS CLEANING
INDUSTRIAL APPLICATIONS

Aviation and Aircraft Parts Cleaning
Fabrication Parts Cleaning
Industrial Parts Cleaning
Machine Shop
Large Casting CNC Machining Facilities
Production Engine Shops
Production Machining Facilities
Remanufacturing Facilities
Transmission Machine Shops
Transportation Production Centers

DISCOVER THE DIFFERENCE AND LEARN WHEN CUSTOM PARTS WASHERS ARE BEST FOR YOUR PRODUCTION CELL

Manufactured by Service Line, Inc. since 1996, Renegade designs and manufactures parts washers for unique industrial process cleaning applications. With an extensive archive of successful machines, choose from our automatic top load or front load systems configured for your application.

Contact the Renegade Team if your parameters for custom design production process cleaning include one or more of the following parameters:

- Achieve Consistent Clean Specification Requirements
- Difficult Cleaning Challenges Such as Blind Holes, Tapped Holes, Delicate Features, Etc.
- Expanded Height, Length, Diameter, Or Weight - Available as Specified
- Lower Production Cycle Times
- High Pressure Requirements
- Multi-Stage Wash Rinse Dry
- Parts Washer Detergent Considerations or Requirements for Items to be Cleaned: De-Foaming, Rust Preventative, Solvent-Free, Environmental Concerns, or Health Concerns.
- Special Fixtures
- Special Proprietary Parts Cleaning and More
- Zero Contamination Requirements

Renegade will conduct a thorough analysis of your parts cleaning requirement and will create a special order system for your budget.

RENEGADE I-SERIES CUSTOM COMPONENTS AND ENHANCED FUNCTIONALITY

- Automatic Doors
- Closed Loop Rinsing Cycle
- Crane Access Hatch
- Custom Blowers
- Custom Hot or Cold Air Quick-Dry to Prevent Flash Rusting
- Custom Parts Fixtures
- Door Interlock Safety Switch
- Filtration Systems with Finer Reduction Efficiencies to Comply with Stringent Cleanliness Specifications
- Gas Heat
- Heated Drying Cycle
- Heater Capacity Range
- Hot Water Rinse Applications
- Increased Load Capacities
- Large 12" HMI
- Oil Coalescent
- Part Tumbling Baskets
- PLC Integration of New Parts Washer To Existing Production Cell
- Power Exhaust Vent
- Pump Capacity Options
- Rinse to Drain Cycle
- Robotic Load Systems
- Rotary Part Fixture System
- Safe Touch Heat Shielding
- Specialized Gantry Cleaning Platforms for Heavy Parts That Require Special Access to The Washing Platform
- Spray Bar "Home" Positioning
- Stainless Steel Infrastructure for No-Rust Durability
- Targeted Drying
- Two-Tiered Turntables

I-SERIES 6048 WD AUTOMATIC FRONT LOAD SYSTEM CUSTOMER GOALS
VERSATILITY

- Advanced automation through PLC and HMI.

COST REDUCTION

- Automated process reducing labor cost.
- Two-stage wash, dry cycle efficiently keeps part in one system.
- Cleaned parts are more prepared for finishing.

INCREASE PRODUCTIVITY

- Quickly and efficiently clean a high volume of parts with the shortest lead time between production and final end-user installation.
- Effective process throughput improvement from reduction in human intervention.

RENEGADE PARTS WASHER DETERGENT

Renegade's history of providing parts washer solutions also includes a wide variety of **soaps and detergents** for use in parts washer systems. Renegade's experience in the industry led to the development of special non-solvent based surfactants that are both environmentally safe and health conscious for your employees.

Use Renegade low-foaming detergents to remove grease, soil, paint, corrosion, oil, and other contamination from parts' surfaces. Choose from manual or automatic detergents, degreasers, additives and hand cleaners. **Learn more and order now, call 800-774-7900 or go to Renegade at www.partwasher.net.**

RENEGADE PARTS WASHER HARDWARE AND SUPPLIES

As a full service parts washer solution provider, Renegade supports the maintenance and performance of your parts washer with a wide range of parts and supplies such as filter cartridges, baskets, brushes, and hoses. **Learn more and order now, call 800-774-7900 or go to Renegade at www.partwasher.net.**

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