

CUSTOM DESIGNED PARTS WASHERS FOR PRODUCTION PROCESS CLEANING

Automatic Front Load Wash, Rinse, Dry System with Closed-Loop Wash and Rinse



COMPONENT HIGHLIGHTS



Large, User-Friendly HMI Control Panel



OPTION: Closed Loop Wash Rinse Cycle with Pneumatic Actuator Duplex Filtration for Wash Cycle



Door-Mounted, Heavy Duty, Gear Driven Turntable, with Oscillating Spray Manifold.



OPTION: Renegade Sump Sweep Spray Manifold directs particulates toward pump for more thorough filtration and suspends particulates to reduce sediment. Extends use of soap/water solution to reduce sediment cleanup.

DESCRIPTION

The Renegade I-Series 5066 WRD Parts Washer delivers 3-stage cleaning for heavy-duty truck, transit and production process operations. Closed Loop Wash & Rinse Cycle option extends detergent effectiveness. Configure your system with a wide range of options for increased automation. Renegade engineers assess your special cleaning challenges and custom design the system that will meet or exceed your clean spec or warranty requirements, including custom fixtures designed to provide maximum cleaning repeatability. Use Renegade Solvent-Free detergents for maximum cleaning without residue buildup.

KEY FEATURES AND BENEFITS

- Wash Rinse Dry: Three-Stage Cleaning Efficiency with Pneumatic Actuator Valves for a Closed Loop Wash & Rinse Cycle.
- Large, 12.1" Touch Screen PLC/HMI Controls:
 - 7-day Timer for Heating and Skimming
 - Cycle Times & Filter Monitoring Displays
 - Low Water Warnings
 - Preset Wash & Maintenance Cycles
 - Temperature Display
 - Touch Control for Jog Turntable & Start & End Cycle
 - Debug Mode Individual Control Pumps, Valves, Heaters and more
- Maximum Heater Temperature: 185°
- Gear Driven Turntable
- ACT (Average Cycle Time) 10 minutes*
- Wash/Rinse Low Water Safety
- Dual Oil Skimmers for Wash Tank

- Power Vent for Fast Steam Removal
- Oscillating Spray Manifold
- Washer Door Safety Switch
- **WASH CYCLE:** Duplex Filtration; 15 HP Sealless Pump; 300 GPM @ 60 PSI; 318 Gal. Capacity; Heater: 36KW @ 460V
- **RINSE CYCLE:** 5 HP Sealless Pump; 110 GPM @ 45 PSI; 65 Gal. Capacity; Heater: 12KW @ 460V
- **DRY CYCLE:** 2 HP Stainless Steel Blower Heater: 24KW @ 460V

WASH ZONE SPECS: 3500 Lb. Load Capacity;
 Wash Zone Dimensions: 50" Diameter x 66" High
 Machine Dimensions: 139" H x 110-1/2" W x 104" D

I-SERIES 5066 WRD VIDEO DEMO ▶

I-Series 5066 WRD Rev. 1-2019 *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

Automobile Repair Facilities

Aviation and Aerospace

Fabrication Parts Cleaning

Fleet Maintenance Operations

Industrial Parts Cleaning

Production Engine Shops

Production Machining Facilities

Remanufacturing Facilities

Transit Maintenance Operations

Railroad Maintenance Operations

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 conducts an analysis to create a special order system for your budget.

RENEGADE I-SERIES CUSTOM COMPONENTS AND ENHANCED FUNCTIONALITY

- Closed Loop Rinsing Cycle
- Conveyor Configurations Include Straight, 90 Degree and 180 Degree
- Custom Blowers
- Custom Hot or Cold Air Quick-Dry to Prevent Flash Rusting
- Custom Parts Fixtures
- Door Interlock Safety Switch
- Ethernet Connection
- 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
- Overhead Jib Crane
- 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
- Stainless Steel Infrastructure for No-Rust Durability
- Targeted Drying

I-SERIES 5066 WRD AUTOMATIC FRONT LOAD SYSTEM CUSTOMER GOALS

VERSATILITY

- Advanced automation through PLC and HMI.

COST REDUCTION

- Automated process reducing labor cost.
- Three-stage wash, rinse, 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.

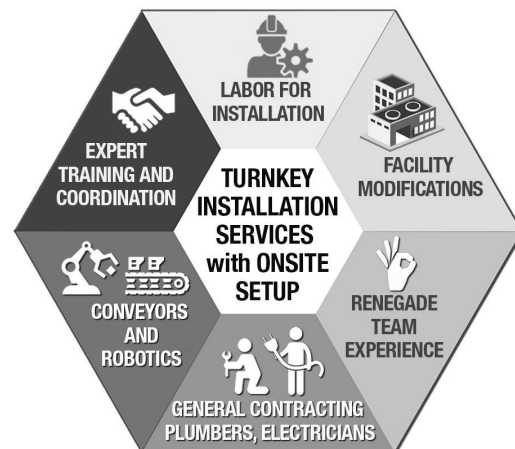
RENEGADE PARTS WASHER DETERGENT, HARDWARE AND SUPPLIES

Renegade's experience in the industry led to the development of special non-solvent based detergents that are both environmentally safe and health conscious for your employees. Choose from manual or automatic detergents, degreasers, additives and hand cleaners.

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.

ASK ABOUT ONSITE SETUP SERVICES



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RENEGADE
industrial series

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