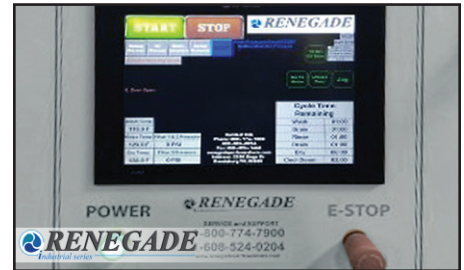


## PARTS WASHERS FOR PRODUCTION PROCESS CLEANING

### Automatic Front Load Parts Washer with Heavy Duty Pump Motor



#### COMPONENT HIGHLIGHTS



Control Panel



Heavy Duty 30 HP Wash Cycle Pump Motor



Crane Access Hatch



OPTION: Dual Turntables

#### DESCRIPTION

**Upgrade your production process cell cleaning operation with the Renegade I-Series 12070 FL Parts Washer.** The heavy duty pump motor provides excellent efficiency 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 design the system that will meet or exceed your clean specification or stringent warranty requirements.

#### KEY FEATURES AND BENEFITS

- Large, 12.1" Touch Screen PLC/HMI Controls:
  - 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 11 Gauge Steel Construction
- ACT (Average Cycle Time) 10 minutes\*
- Automatic Low Water Level Shut Down
- Crane Access Hatch
- Oil Skimmer with Programmable 7-day Timer
- Washer Door Safety Switch

#### WASH CYCLE

- 30 HP Heavy Duty Wash Cycle Pump; 450 GPM @ 70 PSI; 1278 Gal. Capacity;
- Heater: 460/3ph 48 KW Heater

Machine Dimensions: 137" H x 157" W x 145" D  
 Shipping Weight: 9000 lbs.

- Wash Zone Dimensions: 120" Diameter x 70" High
- 6000 Lb. Load Capacity
- Maximum Heater Temperature: 185°

I-Series 12070 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](mailto:sales@renegadepartswashers.com)**

**UPGRADE TO RENEGADE I-SERIES 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: CUSTOM PARTS WASHERS ARE THE IDEAL UPGRADE 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

The Renegade team will conduct a thorough analysis of your parts cleaning requirement and will create a special order system for your budget. Upgrade to Renegade Industrial Series.

**RENEGADE I-SERIES CUSTOM COMPONENT UPGRADES FOR ENHANCED FUNCTIONALITY**

- Automatic Doors
- Closed Loop Rinsing Cycle
- 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
- Light Curtains for Safety
- 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
- Spray Bar "Home" Positioning
- Stainless Steel Infrastructure for No-Rust Durability
- Targeted Drying
- Two-Tiered Turntables

**I-SERIES 12070 FL AUTOMATIC FRONT LOAD SYSTEM CUSTOMER GOALS**
**VERSATILITY**

- Advanced automation through PLC and HMI.

**COST REDUCTION**

- Automated process reducing labor cost.
- 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](http://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](http://www.partwasher.net).**

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