

I-Series PT Compact WRD



Compact Conveyor System for Small Sensitive Parts

PRODUCT OVERVIEW

The Renegade I-Series Pass-Through Compact Wash, Rinse, Dry Parts Washer features a small footprint and delivers 3-stage continuous operation **to clean and dry complex, multi-ported parts** transported via conveyor operation. Each wash and rinse stage compartment contains spray manifolds with strategically-placed nozzles to deliver high pressure force and high temperature cleaning. The dry stage contains a powerful air knife and/or blower to remove residual water from even hard to reach cavities.

Our Renegade I-Series Pass-Through or “conveyor” parts washers are designed for high production and repetitive cleaning operations. Your part would move through the modular cleaning system on a conveyor belt and could pass through multiple cleaning stages—such as wash, rinse, and dry. A Renegade I-Series Pass-Through Parts Washers can improve productivity and operational efficiency by automating the cleaning process, reducing labor costs, and ensuring consistent results.

Industry 4.0 Compatible: This Renegade I-Series system is Industry 4.0 compatible meaning it can be connected to real-time monitoring, predictive maintenance, and customizable interfaces, making cleaning systems smarter, more efficient, and cost-effective.



Conveyor Belt



3-Stage Wash Rinse Dry



User Interface



Filter Assembly

SPECIFICATIONS

Cubic Volume of Wash Zone	0.18
Height (inches)	2
Width (inches)	12
Wash Sump Capacity (gals)	111
Max Footprint Square Footage (cf)	44.67
Max Dimensions	8' 0.0" H x 8' 6.0" W x 5' 7.0" D
Electric	230-460V 3 Phase
Load Capacity (lbs)	Custom
Max Temp (degrees F)	185
Wash Pump (hp)	3

STANDARD FEATURES

- ✓ Wash Pump
- ✓ Programmable Wash Cycle Timer
- ✓ 7-Day Heater Timer
- ✓ Adjustable Solution Temperature
- ✓ Automatic Low Water Level Shutdown
- ✓ Programable Oil Skimmer
- ✓ Digital Temperature Readout
- ✓ Autofill System
- ✓ E-Stop
- ✓ Wire Labels
- ✓ Allen Bradley PLC

I-Series PT Compact WRD

COMPATIBLE OPTIONS

CORE OPERATIONS

- ✓ Rinse
- ✓ Rinse to Overflow
- ✓ Rinse to Pump Out
- ✓ Closed Loop Rinse
- ✓ Hot Water Rinse Applications
- ✓ Dry
- ✓ Heated Drying Cycle
- ✓ Centrifugal Blower
- ✓ Compressed Air Knife

CONTROL

- ✓ Large Touch Screen HMI Control Panel
- ✓ Allen Bradley PLC
- ✓ VFD Motor Controls

AUTOMATION & LOAD HANDLING

- ✓ Interface for Robots & Conveyors

CUSTOM FIXTURE

- ✓ Custom Fixture

CONSTRUCTION

- ✓ 11 Gauge Stainless Steel
- ✓ HD Package - Increased Load Capacity

WATER & TEMPERATURE MANAGEMENT

- ✓ Keyence Level Sensor
- ✓ Foam Sensor
- ✓ Power Exhaust Vent
- ✓ Gas Heat
- ✓ Heater Upgrade
- ✓ Pump Upgrade

WASTE REMOVAL

- ✓ Dual Oil Skimmer
- ✓ Filtration
- ✓ Filtration w/ Sump Sweep
- ✓ Oil Separation
- ✓ Discharge Pump
- ✓ Sludge Conveyor
- ✓ Drain Kit

ADDITIONAL SAFETY

- ✓ Power Disconnects
- ✓ Additional Employee Safety Labels
- ✓ Increased Short Circuit Current Routing (SCCR)
- ✓ Light Curtain
- ✓ Absence of Voltage Test Point

ABOUT US

Partner with Renegade Parts Washers to design a parts-washing system tailored specifically to your requirements, unlocking the full potential of your operations. We actively collaborate and partner with customers to understand their needs and surpass their expectations by providing custom parts washer machines, and detergent solutions.

Parts, Washer, and Cleaning Solutions Since 1996



RENEGADE'S DETERGENTS

Our expertise extends to a full range of custom-formulated, high-performance soaps and detergents, each crafted specifically for parts washer systems. Designed with your operation in mind, our low-foaming, non-solvent based surfactants are tough on grease, oil, corrosion, and contaminants—yet safe for your team and the environment. Visit our online store at PartWasher.Net



I-Series PT Compact WRD Rev. 1-2025