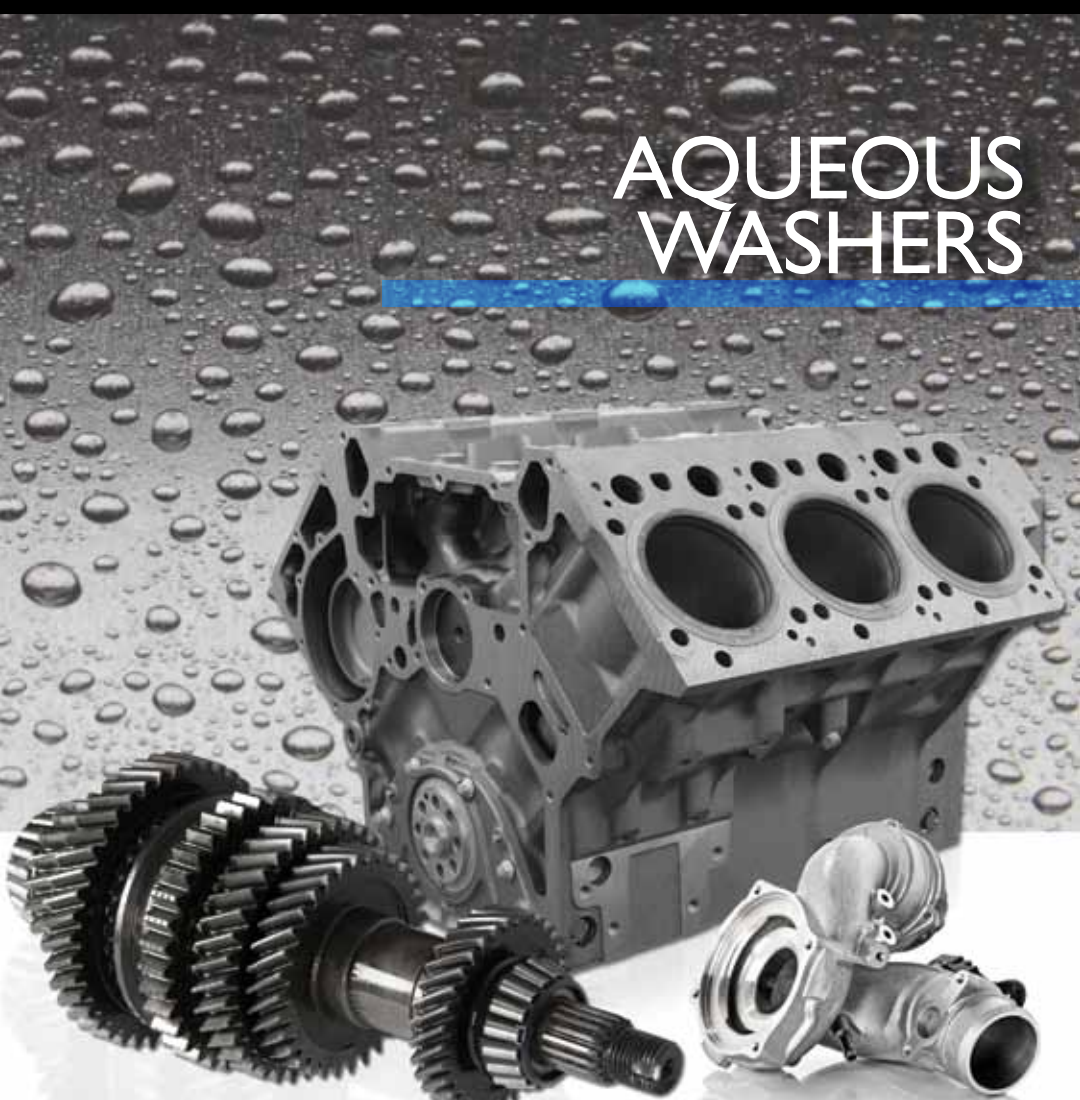




# AQUEOUS WASHERS



# From small parts to finishing line systems,

LS Industries has been designing and manufacturing washers for virtually every industrial application you can imagine for more than 35 years. We know how important it is to deliver reliable, long-lasting performance that minimizes your operating costs and maximizes the return on your equipment investment. Our engineers can work with you to customize solutions for specialized requirements, and our knowledgeable service team is dedicated to providing prompt parts and maintenance support.

## Small Parts Washers

Designed for easy loading and simple operation, the SSW Series Washers deliver the rust-free durability of stainless steel construction at carbon steel prices. There are four models to choose from with options that include roll-in-and-out tables and carts and oil skimmers.



## Tumble Washers

Tumble Washers let the parts do the turning inside a wash basket that rotates. The wash manifold delivers a pressurized, heated cleaning solution from underneath the rotating basket. The cleaning chamber is formed with radius breaks to minimize welds. Where welds are used, they are leak tested to ensure the water tightness of the chamber. Systems are available with your choice of electric, gas, propane or steam heating methods.



## Rotary Washers

LS Rotary Washers feature a motor driven turntable with a capacity of 1,000 lb. and up. Parts are loaded into a tray fixed to the door which has a concave shape to make overhead hoist loading easier. An oscillating power manifold delivers enhanced spray coverage from all four directions inside the cleaning chamber. A powerful seal-less vertical pump provides superior cleaning force, and a seven-day timer permits automatic pre-heating of the detergent solution. Pump sizes range from 8 HP to 100 HP.



complete line of high quality washer systems.

## Flow Through Systems

LS Flow through wash systems feed parts through a single or multi-stage cabinet on a conveyor, exposing them to cleaning solutions defined by you or your company's cleaning needs. We offer systems that range from an 8-foot long single stage alkaline wash system up to a large multi stage pretreatment system. System can include any number of stages, including DI, RO or fresh water rinses, rust inhibitor, blow off or drying systems as well as pretreatment processes like iron or zinc phosphate along with any number of nano based conversion coatings. Material handling options include belt conveyors, roller conveyors, chain conveyors or an overhead monorail. We can provide the right size system for your production needs.



**Envirowash** is LS Industries' biodegradable detergent specially formulated for safe, non-caustic cleaning of ferrous and non-ferrous metals. Its light to medium weight granules make Envirowash an excellent multi-purpose spray cleaning agent. **Allprep** is a heavier duty cleaner developed to replace hazardous sodium hydroxide based detergents.

## Biodegradable Detergent



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## Designed for easy operation. Built to ease your cost of operation.

At LS Industries, we think washing parts should take as little of your time as possible. That's why we design our washers to be incredibly simple to operate. The intuitive controls essentially reduce operation to setting the cycle time and desired temperature, then pushing the start button. Many custom systems can often include complex PLC controls that make operation complicated. With LS Washers, you just set it and forget about it.

You can also forget about having a lot of downtime for maintenance with LS Washers. Our standard pumps are heavy-duty and feature a one-piece shaft that has no seals, bushings or metal-to-metal contact. All systems include a filter debris screen to protect the pump from clogs. All electrical components are UL and CAS registered, and every LS Washer features all-steel welded construction for optimum durability.



Trust LS Industries for turnkey solutions to all your parts washing challenges.

We design what we make and service what we sell. Whether you need a custom system or one of our many standard configurations, every system we deliver has been supervised on the production line by the engineers who designed it. So you can be sure it performs exactly to specification. You can also be sure that we've built your LS Washer to be safe and easy to operate and last for many years after you've recovered your initial investment.



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