

INDUSTRIAL PRETREATMENT WASHERS

Used for cleaning metal and plastic substrates prior to liquid or powder coating, as well as before and after machining or forming components, Industrial Pretreatment Washers from Global Finishing Solutions® (GFS) provide a highly efficient environment for washing processes. GFS Industrial Pretreatment Washers are often designed with separate housing sections to accommodate multiple pretreatment stages.

PRECISE ENGINEERING

Precision engineered and manufactured of heavy-duty materials, GFS Industrial Pretreatment Washers are built to last. The tanks on GFS Pretreatment Washers are double-welded, both on the inside and outside, preventing leaks.

EASY INSTALLATION

The modular design of GFS Pretreatment Washers allows for easier, quicker installation, so you can begin using your equipment sooner. Many of our Pretreatment Washers are preassembled at our manufacturing facility in Osseo, Wisconsin, to ensure proper fit and function, which also shortens installation time.

MULTI-STAGE WASHERS

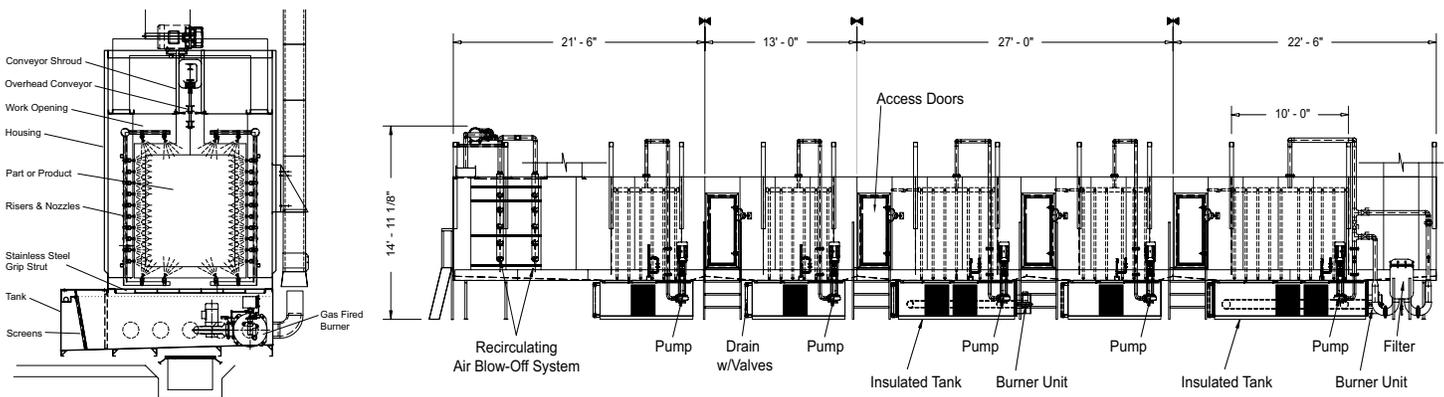
The number of stages and design of the Industrial Pretreatment Washer is dependent upon the complexity and finish specifications of the parts. A typical multi-stage washer includes a chemical cleaning stage, followed by water and seal rinse stages. Complex multi-stage washers may also include phosphate stages, additional rinse stages, and reverse osmosis or surfactant final rinse stages.

CUSTOMIZATION

GFS is experienced at designing and building high-quality washers that are custom engineered to meet your business' needs. GFS Industrial Pretreatment Washers can be designed as a spray or immersion environment, or as a combination of both.

ADJUSTABLE NOZZLES

GFS Pretreatment Washers feature clip-on nozzles, which can be easily removed for cleaning, allowing for hassle-free maintenance. Since each nozzle can be adjusted, you can precisely aim it at the desired part or product in the washer.





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WASHER FEATURES:

TANKS

- Stainless or mild steel
- Overflow gutters on all stages
- Dual stainless steel filter screens with bottom sludge dam
- Gas-fired immersion heating equipment
- Removable access covers
- Sloped tanks to sump drain for easy cleanout

HOUSING

- Stainless or mild steel
- Drain decks sloped (70/30 with a 2-inch center dam)
- Bulkhead access doors in drain stages
- Entrance and exit exhaust vestibules
- Silhouettes between all spray sections
- Bolted construction

PIPING

- CPVC schedule 80 header piping with quick, overhead disconnects
- CPVC schedule 80 risers with quick disconnects
- Drains, overflows and counter-flow piping (schedule 80 CPVC)
- Rapid fill bypass on all stages
- Vertical pumps
- Thermometers on heated stages
- Pressure gauges on all stages

CONTROLS

- UL-listed, PLC-based control panel
- Electronic solution-level controls on all stages

WASHER OPTIONS:

- Stainless steel grating in solution tanks
- Insulated tanks with 18-gauge, stainless steel panels
- Manual solution level controls
- Particle filtration system
- Oil separation systems
- Conveyor shrouds in spray and drain stages
- Tank cleanout marine doors
- Blow-off units or dry-off ovens for drying parts

