



# Engineering and Manufacturing

*Dedicated to the needs of the power wash industry*

Since 1986, General Pump has developed a leading position as a designer and manufacturer of innovative products for the power wash industry. Located at our Eagan, Minnesota, manufacturing facility, our dedicated engineering teams are ideally positioned to tap into the trends moving the US market. Working closely with our OEM partners, these teams use state-of-the-art design tools and suppliers to bring to market the innovative, yet cost-effective solutions our customers need.

In recent years, the emergence of General Pump's own Minnesota-based manufacturing capability has brought

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## ***In-House Design Support***

- Dedicated engineering resources for product customization and design support
- Dedicated prototype shop ensures timely turnaround of new products
- In-house machine design has provided GP's manufacturing department with innovative assembly work stations



## ***Dedicated Engineering***

- Two design teams dedicated to accessory and nozzle development
- Source of innovative products like the Pump Thermal Protector (PTP), the dual port injector, the new 6,000 PSI Safety Valve, the QD Injector line, our new 5,000 PSI Flow Switch, and our MD-15 and WM Series Pumps
- State-of-the-art design support including 3D CAD modeling and ANSYS fluid and stress analysis software



## ***Extensive Test Facilities***

- Extensive test facilities ensure GP products reach our customers ready to meet their specific needs
- Dedicated areas include 18 life-test stands, data acquisition capability, and performance testing
- US-based capability allows for quick assessment of customer concerns



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a new level of service to the US market. Our capacity has expanded, and we now offer a wide range of products built to order, made in the USA, for the American market.

Importantly, this local market support is now the strongest in our industry, thanks to the financial backing of the Interpump Group, the world's leader in high pressure plunger pump technology and production. As a result, General Pump is uniquely positioned in the US market to engineer, manufacture and timely deliver the complete range of solutions required by the power wash industry.

For further information on how General Pump can serve your product development and production needs, please contact your regional sales team.

## Dedicated to On-Time Delivery

- 13,500 sq. ft. of manufacturing space
- Self-contained facility in Eagan, just one mile from General Pump headquarters
- Industry-leading manufacturer of Pump Thermal Protectors, Spray Tips, Safety Valves and other accessories
- Demand-based scheduling systems to provide quick response to customer needs



## Key Equipment

- Eleven Acme screw machines, ranging in size from 7/16" to 1-5/8"
- Mazak Super QuickTurn 15MS CNC
- Mazak Super QuickTurn 200 CNC
- Mazak QuickTurn 18 CNC
- Customized drilling equipment

## Industry-Leading Technology

- Sophisticated auto-assembly tools ensure delivery of Spray Tips and PTPs
- Laser-engraved parts mean easily identified components
- Vendor relationships with world-class forging, casting, and surface treatment suppliers



## Retail Packaging Available

- Spray Tips, Repair Kits, and accessories packaged for retail display
- Various custom packaging options available
- Special packaging with UPC labeling

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