

Components and Parts

Customize your equipment and improve your process with our after-market parts and components. We produce components for a number of other original equipment manufacturers in addition to parts for our own tanks and vessels. Our components are engineered and fabricated using the same quality standards found in all our products and delivered with the same commitment to service, support, and customer satisfaction.



Heads

We manufacture custom heads from a variety of alloys in an assortment of types, including:

- Flanged & dished
- Dished
- Flat flanged
- Conical
- Toriconical
- Reverse flanged & dished

Our hydroformed flanged and dished heads come in a variety of sizes and shapes to meet your standards and specifications.



Rolled Shells and Heat Transfers

Our custom rolled shells are produced in various alloys with or without heat transfer surface to meet your specifications. Half-pipe and plug-welded (ammonia-freon or water-glycol) dimpled jacket heat transfer surfaces provide efficient and uniform heating or cooling through single or multi-zone controlled flows. All of our heat transfer surfaces are manufactured, tested, inspected, and code stamped to ASME standards.



Agitation

We manufacture custom engineered and designed agitators and mixers for any size, viscosity, agitation duty, or service condition. Our agitation design eliminates the need for couplings or assemblies in the product zone, saving you time and hassle. PharMix® top entering agitators lead the industry in performance and cleanability. These stainless steel drives are available in direct, parallel, and right angles with various impeller choices and mounting options. From simple to complex, our engineers will design a system for your specific application. We also install 3A approved agitators that are CIP cleanable for the food and dairy industry.





Manways

Our pressure/vacuum or atmospheric manways are available in top or side entering designs. We engineer each manway with superior sanitary performance in mind for ASME BPE certification or 3A standards. Our manways feature a solid one inch-thick frame for protection against weld distortion and large cross section O-rings for a secure fit.



Field Service

We'll bring the highest skill levels and latest technology right to your site. Our team of experienced field specialists can fabricate of any size tank up to 1,000,000 gallons and manage the entire project with our own heavy-duty construction equipment. We'll coordinate our project with your contractors so your existing plant operations and other construction programs can continue without any delay or interruption.



CIP Fixtures and Testing

Our upward spray cleaning system with internal vent lines performs all clean-in-place (CIP) operations without requiring access to the top of the tank. The compact design saves space and doesn't need to be removed between CIP cycles. We also offer on-site testing to meet your unique CIP challenges.



Additional Services

Finishing Services

Add a level of customization to your equipment with any of our finishing services:

- Material/Weld Finishes
- Clean-in-Place (CIP) Agitator
- PharmAssist Lift Assist Solutions
- Positive Material Identification
- Heat Transfer Surfaces
- Electropolishing

Aftermarket Service and Support

Customize and maintain your equipment with additional agitators, components, and replacement parts. Our field service technicians provide prompt service for modifications and repairs on all brands of equipment. We're proud to be ASME "R" certified for modifying and repairing pressure vacuum vessels of all sizes and brands.

