



APACHE

STAINLESS EQUIPMENT CORPORATION

An Employee Owned Company



Fabricators of Large ASME Tanks & Vessels Since 1975



Apache Stainless

Supplying Custom ASME Tanks and Vessels Since 1975

Apache Stainless has been supplying tanks and vessels to industrial markets since 1975. We are experts in heavy manufacturing and we invest in people, efficient processes and equipment, with automatic and robotic solutions to deliver craftsman quality stainless and high alloy tanks and vessels.

Industries

Semi-trailers hauling tanks pulling away from our 175,000 sq. ft. facility are destined to commercial manufacturers all across North America. Our tanks are found in fuel refineries, ethanol plants, chemical industries, food and beverage processing facilities, biotechnology companies, health and beauty product manufacturing plants and in water treatment facilities.

Investing in People

A region with both agricultural and industrial influences, Apache is located in rural Dodge County, Wisconsin. We are fortunate to be able to recruit and maintain skilled tradespeople and knowledgeable engineers who have a strong, Midwestern work ethic. Our company works tirelessly to promote skilled trades careers so our customers can continue to expect quality manufactured and consistent, on-time tanks and vessels.

Employee Owned

Since 2006, Apache has been employee stock owned; when we became a subsidiary of Dexter Apache Holdings, Inc. This provides advantages for both customers and employees. Employee - owners are driven to create efficiencies, collaborate and innovate to help customers, because they are directly affected by the successes of the company.

ASME Vessels

API - 650 Tanks

Custom Mix Tanks

Evaporators

Jacketed Vessels

Agitated Vessels



Clad, Insulated Vessels

Heat Exchangers

Repairs



Customized Craftsmanship

Apache is known for its custom engineering and fabrication of tanks and vessels that deliver compliance to many industries requiring expertly manufactured products using stainless and high alloys like AL6XN and Hastelloy.

Engineering

Our consultative large tank team provides the experience of industry-leading design and engineering to help ensure that specifications are met, with support from concept through delivery. Our engineers are all proficient in 3D modeling.

Expertise

Specialization includes heat transfer jackets (conventional, dimple jackets, half-pipe, third pipe), internal coils, baffles and agitation. We also provide manways, ladders, platforms and other support structures.

In-House Control

All welders are ASME certified and use the latest technology that meets quality standards. Our fully equipped facilities allow us to fabricate tanks and vessels in-house, giving us the control to deliver on time. This investment allows us to shear, form, weld, roll, polish and fabricate single or multiple custom tank orders.



Sanitary Design Tanks



We work with stringent regulatory requirements to fabricate sanitary vessels to exact specifications.



Experience

We custom design and fabricate regulatory compliant tanks and ASME vessels for the pharmaceutical, biotechnology, food and beverage and water filtration industries. Apache manufactures vessels from a capacity of one gallon to 160,000 gallons.

Apache manufactures many types of specialty sanitary design tanks, including: pressure vessels, dryers, evaporators, holding tanks and mixing vessels. We manufacture our own components from heads and supports to vessel internals to give greater control over the production process.

In-House Material Finishing

We have dedicated, in-house vessel finishing capabilities including mechanical and robotic polishing, passivation and electropolishing.



In-House Services

Passivation

Passivation is recommended as a final cleaning finish after all fabrication operations such as forming, welding, machine and mechanical polishing have been completed. Apache can passivate tanks and vessels of any size. It is often required in sanitary design vessels.

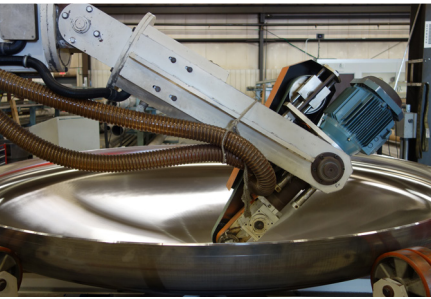
ASTM A380 & A967



Electropolishing

Electropolishing is also specified as a finish in many pharmaceutical, health and biotechnology industry tanks. Stainless material is immersed in an electrolyte bath subject to electrical current. Surface contamination is dissolved resulting in a mirror-like, extremely smooth finish. Apache can electropolish any size tank.

ASTM B912



Robotic and Mechanical Polishing

Apache has the equipment to finish the vessel interior and exterior to required RA values. All material finishing is provided in-house to assure quality and efficiency.

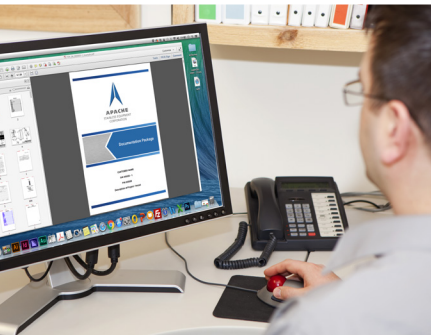
FAT (Factory Acceptance Testing)

The large tank team and our quality assurance technicians are available for customer inspection of the tank or vessel and can verify components including controls, mixing and agitation as well as compliance requirements.



TOP Packages

Apache provides full TOP Documentation for your vessel project, including Table of Contents and Bookmarks. Large file size TOP Packages are sent via FTP service.



Transport

Apache provides general transport as well as specialized high and heavy load transportation service. Apache will also provide the necessary permits escorts and communications necessary for your large tank transport needs. Heat Shrink wrapping is available by request.



Quality & Compliance

Apache Stainless has a dedicated quality assurance department that focuses on full verification, testing and documentation of compliance. Our welders and inspectors are ASME certified and as a company, Apache has been ASME certified since 1975.

Testing

Our testing capabilities include: Pneumatic, Hydrostatic, Liquid Penetrant, Saline, CIP Coverage, Base Metal Thickness, FerroxyL, Positive Material Identification (PMI), Ferrite Levels, Radiography and UT Weld Testing.

Processes

Our processes include: Material Trace, Welder Trace, Pickling, Passivation and Electropolishing.

Certifications

Apache's certifications include: ASME U Certificate of Authorization, ASME UM Certificate of Authorization, CE Marking Permission Certificate, National Board of Boiler & Pressure Vessel Inspectors Certificate, SELO (China) and UN DOT (United Nations, Dept. of Transportation).

Field Services

Apache provides experienced and proficient industry technicians and engineering support to perform the following field services:

- Field service and troubleshooting for all types of stainless and high alloy tanks
- ASME / National Board R-Stamp repair and modifications
- Surface finish repairs
- Non-code repairs and modifications including piping and heat transfer jackets
- Seal and agitation repairs and modifications
- Accessory repairs
- Head and tank shell repairs
- Leak detection
- Audit and service contracts available





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