

# **CONTRACT MANUFACTURING**

#### **Outsource with Confidence**

Apache has extensive in-house fabrication processes and machines that are required to make our vessels, tanks and custom equipment. The same machines and know-how are used in our contract manufacturing group to produce anything from repeatable parts to full assemblies.

#### Expertise

- ▶ Parts requiring multiple processes
- ► Heavy industrial components
- ► Large format fabrication
- ► High compliance metal finishing
- Sanitary equipment fabrication
- Quality and specialized weldments
- ► Grinding and polishing
- ▶ Low Volume Full Assemblies

#### Industries

- Aerospace
- Automotive
- Bio-Pharma
- ► Commercial Building
- Food & Beverage
- Food Service
- Healthcare
- Heavy Industrial
- Medical Device
- Military & Defense
- Power Generation
- Water Purification

#### About Apache Stainless

Apache has been producing stainless capital equipment since we were founded in 1975. We have four synergistic product and services groups: Stainless ASME Tanks, Small/Portable Vessels, Contract Manufacturing and Mepaco Food Processing Equipment.

Many of our fabricators are cross-trained to move fluidly between fabrication processes which elevates the knowledge and expertise of our craftsmen and allows our production capabilites to be more agile to meet delivery times.

Our flexibility, investment in people and skilled trades, and our employee-owner commitment drives advantages for our contract manufacturing customers:

- Rapid response and customer service
- > 97% on-time delivery, measured each month
- In-house customer service, project management
- Expedited services available

## Materials

303 304 316, 316L, 317L 420 904 2201 Duplex 2205 Duplex 17-4 AL6XN C-22 C-276 C-30 Carpenter 20 G-30 Monel Nitronic 50 Alloy 600 416 Nickel 200 Aluminum

### Machines

**LVD Laser** 96" x 157"

**MITZ Laser** 60" x 120"

MITZ Laser 120" x 240"

**Punching** 33-ton capacity Up to 5/16" (mild steel)

> Drilling Up to 96" x 96" Up to 3/4" thick

**Pressing** 150-ton - 350-ton 120" - 168"

Other PEM-Serter, Seam Welders, Turning Lathes, Stud Welding, Vertical Saw, Stroke Sander, Fabricator Plasmas Punch, Mills, Shears

## Finishes

**Citric Passivation** 

**Nitric Passivation** 

Pickle Passivation Removes the scale and leaves a matte finish free from contamination

#### Electropolishing

Surface metal is dissolved removing all embedded contaminants, creating a smooth, mirror finish

Standards / Specs AMS 2700 Federal Spec. A-380 Federal Spec. A-967 Federal Spec. B-912

## Welds

Experience ASME certification All positions MIG/TIG PED welding Stainless, High-Alloy Aluminum Dissimilar materials Robotic seam welding Welding to sanitary requirements









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