

REDEFINING THE ART OF METAL WORKING

In 1988, Apolo began as a small die shop, specializing in press tooling. Soon, other services such as CNC machining and stamping of parts were offered as well. In 2003 we acquired TS Aluminum Fabrication, increasing our competency in welding and heavier fabrication and assembly and expanded into our current 35,000 sq ft plant.

Since the beginning, Apolo has established a reputation as a manufacturer of high quality, close tolerance parts. While our specialty is aluminum, we are experienced in copper, stainless and other steels. Our production capabilities include precision cutting, machining, stamping, welding, fastening and assembly as well as tooling & equipment design.

CUSTOM DESIGNS AND ART MEETING TECHNOLOGY

Apolo's highly skilled technical staff will help you adapt your concept into reality using cutting edge CAD and CAM software. We design and build everything from simple to progressive press tooling, Welding & CNC fixtures with varying levels of automation as well as custom machinery designed to manufacture specific parts or families of parts. Our technical expertise and strong team approach to customer service allows us to develop innovative new ways to guarantee the lowest cost

manufacture of your products. To ensure the rendering of only high-quality parts, custom processes are typically designed to incorporate quality checks in-line. Final inspection and quality reporting may also be automated on CMM to log data and compile reports and capability studies.

Our innovative processes are built on the premise of complete traceability of materials used in production through all manufacturing operations. We can readily provide reports on the chemical and tensile properties of all materials used in the parts or assemblies manufactured.

ONE-STOP SHOPPING FROM CONCEPT TO ASSEMBLY

We have partnered with local fabricators & Finishers who specialize in CNC Turning, Wire EDM, Plasma, Waterjet & Laser cutting, CNC Router, Shearing, CNC punching, Automation, Wet & Powder Paint, Anodizing, E-coat, Plating, Buffing & Polishing, Degreasing, Heat Treating & Annealing, Metal Curving & Stretch Forming. By integrating our partners into our routing, you can take advantage of one-stop shopping for all your tool and die manufacturing needs, while enjoying shorter lead times.

CERTIFICATIONS

ISO 9001:2008
ISO/TS 16949

BUREAU VERITAS
Certification





CAPABILITIES

Precision cutting

- Metal Saw - cut tolerance of +/-0.25 mm from 25.0mm to 6000mm in length
- Compound Double Mitre CNC Controlled Saw - programmable saw with 22" blades stores part setup data for compound miter cutting or straight cuts with tight tolerances
- Double Mitre Saw - for cutting aluminum materials with a manual set up

Stamping / Piercing

- 5 punch presses - 60 to 150 tonnes

Precision Machining

- 8 CNC Cincinnati Milling Machines with work area from 40"x 20" to 60"x 26"

Custom Equipment

- Build custom equipment for larger projects
- In-house machinery builders are equipped to integrate cutting, drilling, punching, bending, deburring and washing operations into a single cell
- Ensures the lowest possible production costs

Bending

- Punch press or hydraulic press
- Custom built equipment utilizing hydraulic pumps

Deburring, Surface Finish Prep & Weld Prep

- Vibratory Deburring with a variety of media
- Stroke Sanding
- Sandblasting
- Manual Deburring

Assembly

- Methods include welding, riveting & other fastening systems

Welding

- MIG & TIG
- Aluminum

For more information, visit us at www.apolomanufacturing.com.

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