

Machine & Hydraulics, Inc.

Founded in 1985

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Specializing in machining Stainless Steels, Wear Technology Steels, Cast and Ductile Iron, Large Diameter Castings, 3D Mold Work and Design.

Quality Policy

“We are committed to Customer Satisfaction through continuous improvement of our Quality Management System.”

Company objective to meet the Quality policy

“Continuous Zero Customer Complaints.”

1. Our customers will receive defect free product
2. Competitively priced
3. On-time delivery

About Machine and Hydraulics

- * They say that old-fashion quality and service is a thing of the past. Well, not here. That is our driving force at Machine & Hydraulics, Inc. We put in honest, hard work on every project. We are professional, courteous and prompt, and will deliver a defect free product on time.
- * It is why we are still around and why we will be here for years to come. We have a large machine shop that offers a variety of capabilities. We offer machining of small, medium and large castings. We can machine parts from drawings, CAD files, even those ideas that were drawn up on a napkin. We can also re-engineer a part from scratch.
 - * *We offer free quotes with a quick turn around time.*
- * We specialize in machining parts from stainless steel, cast iron, wear technology steel and large diameter castings.
- * We also design and manufacture 3-D molds: Blow molds, self skinning foam molds and RIM molds just to name a few.

G & L 48" VTL, max swing 50", 45" height



G & L Orion Horizontal Mill w/ double pallet (X-axis 45" Y-axis 45")



Dainichi F30 x 1250, 15" Hydraulic power chuck, 13" max turn, 21.7 swing over bed, 50" between centers, Fanuc 21T.



Dainichi F35 x 1250, 15.75" Hydraulic power chuck, 16.5" max turn, 21.7 swing over bed, 50" between centers, Fanuc 21T.



Takisawa TT-350G 12" dia. – Twin Spindle Lathe – Robotic Loader and Q.C. separator. Capable of running as two programmable independent lathes.



FUJI ANW-4100 – Twin Spindle Lathe – Robotic Loader and Q.C. separator. Capable of running as two programmable independent lathes.



Custom “Tumbler” painter



Custom Paint Booth



Dainichi Techno Turn – DL65 x 3000, 17-3/4" chuck, 25-1/2" swing over bed, 118" between centers w/ 3-1/4" spindle throughput. Fanuc 21T.



Haas TL-2, 16" x 48", 20" swing and 11" over the cross slide



Haas CNC VF-5 - 50" x 26" x 25"



Haas EC 1600 YZT



Haas CNC TM-2 – 40'' x 16'' x 16''



HMT Radial Drill, 4' swing, 18" x 36" table



Two (2) W.F. Wells 2-post saws, 1-1/4” blades, Model F16 w/ bar feeder



Four (4) H-2024-1 W.F. Wells saws, Linear Guide Rails,
1-1/2" blades, (2) w/ Indexer and Shuttle Table



ZEISS DuraMax CMM



Custom Machined Stainless Rings

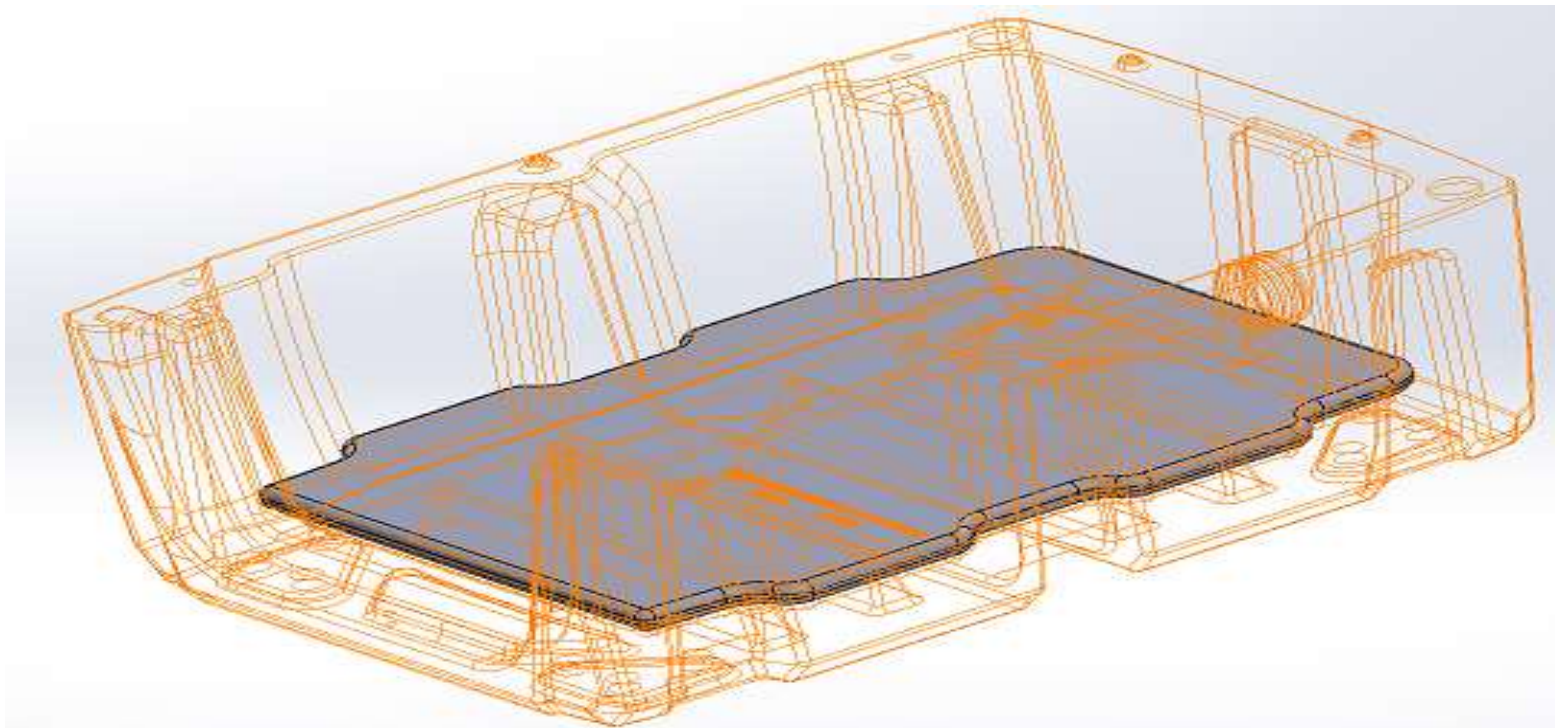


Custom Machined Stainless Teeth



* 3D Part Design From Existing Cad *

Dog Box Mat



Texture Design Added Dog Mat Mold

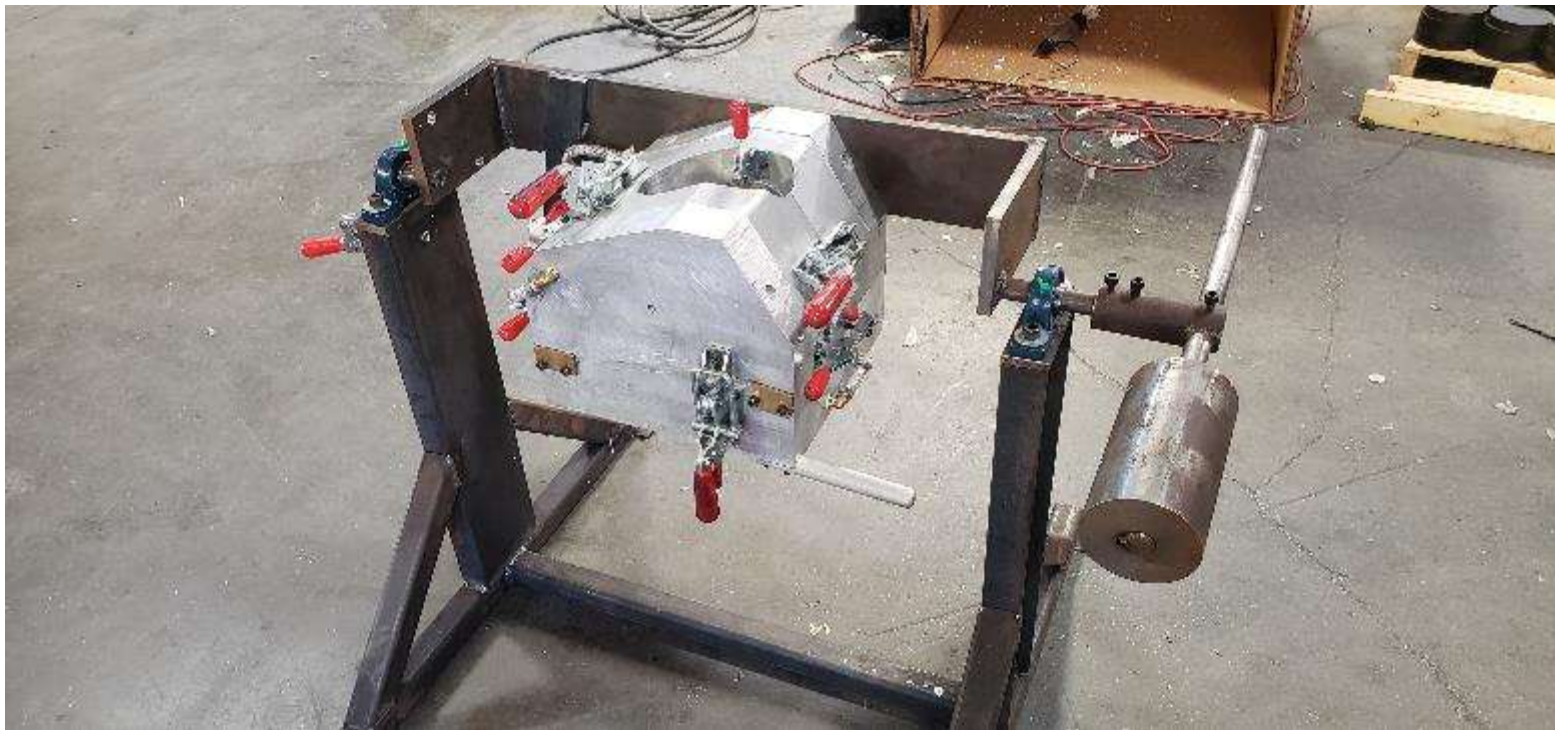


- * Texture can be added to achieve the desired logo and pattern

*** 3D Mold Design ***
7 Pc. Flag Football Helmet Mold
w/Rotational Stand

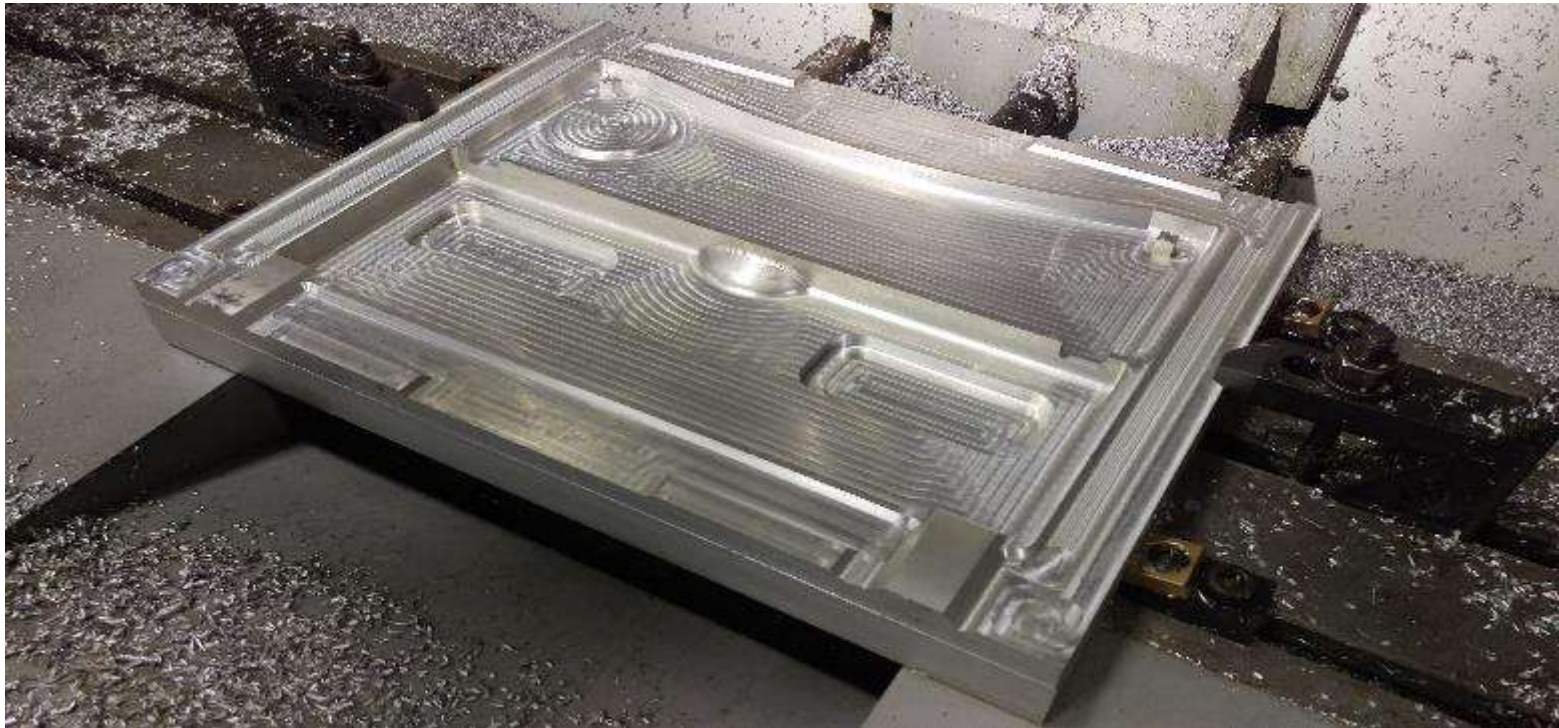


Custom Designed “Locking” Rotational Mold Stand



* 3D Mold Machining *

Foldable Airplane Food Tray



* 3D Mold Design From Part Drawing *

Airplane Food Tray



3D Mold Machining

Seat Back Mold

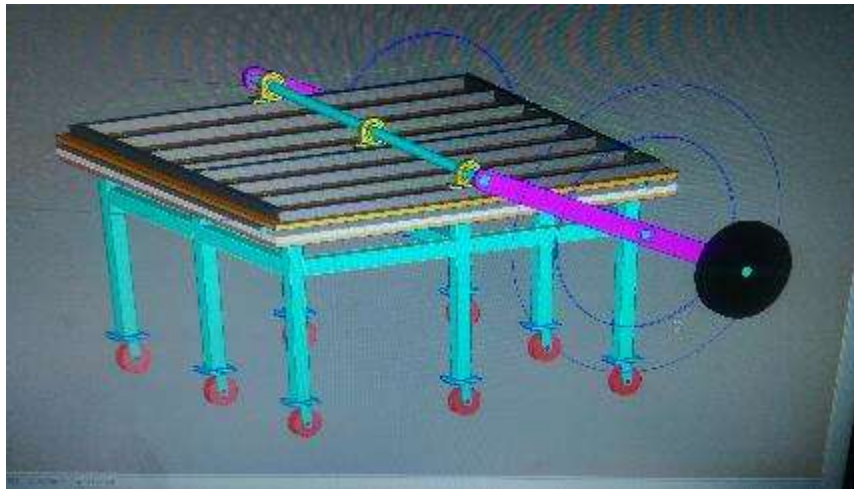


* 3D Mold Machining *

Single Airplane Food Tray



3D Mold Design to Mold Build



Machine Work – 24” Threaded Valve Cap

