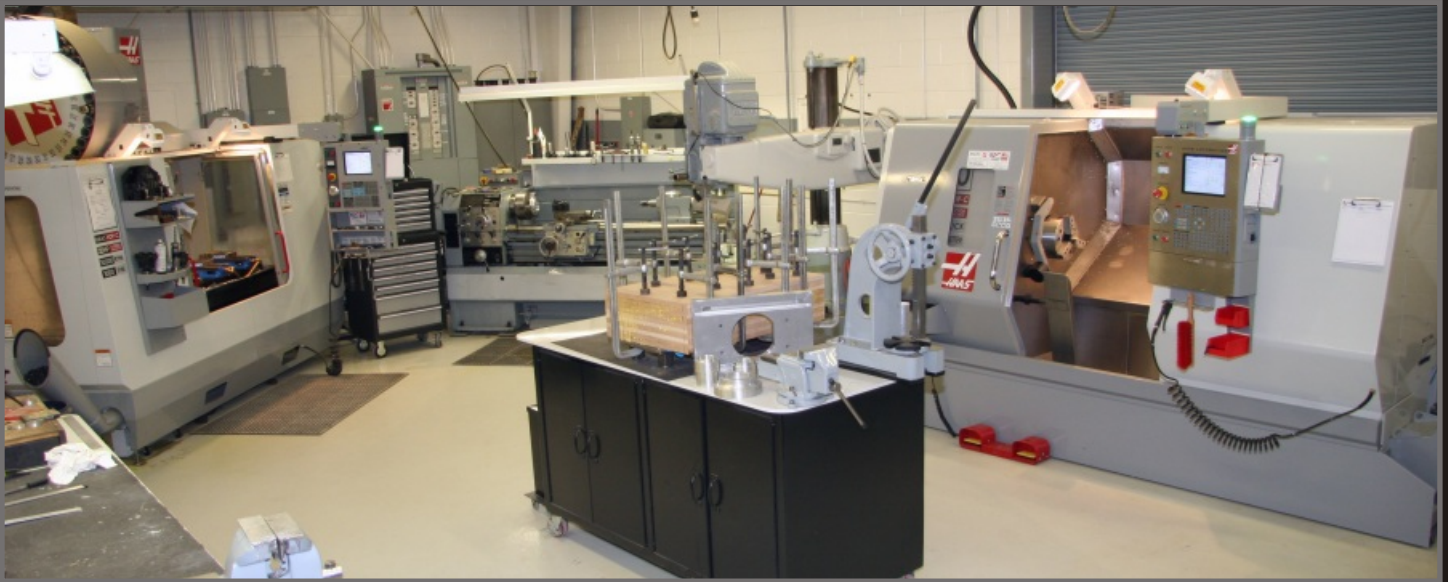


Fabrication

AT DWIGHT CRANE



With over 32,000 square feet of fabricating, machine shop and repair facilities, our skilled employees can turn out some of the smallest, finely machined pieces to large structures.

DESIGN/ BUILD:

We build from your artists sketch, engineers drawing or undertake the design and engineering in our own shop.

- CNC Milling Center - HAAS VF - 4
Cutting Travels X - 50" Y - 20" Z - 25"
- CNC LATHE - HAAS SL-30
17.0" Maximum Cut Diameter X 34.0" Maximum Length
- FLOW CNC WATERJET 6' X 12' Maximum Cut
- CNC PLASMA CUTTING TABLE - 5' X 8' Maximum Cut
- WELDING: MIG + TIG + STICK + GAS
- 90 TON PRESS BRAKE - 8' Bed
- COMPOSITE SHOP
- FAST, FAST SERVICE
- WE WELCOME SMALL ORDERS AND PROTOTYPES
- FREE QUOTATIONS



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WATERJET CUTTING

AT DWIGHT CRANE



Whatever your business — automotive, aerospace, stone and tile, tool and die, fabricator or job shop - you can cut metal, stone, plastics, composites, glass, ceramics or rubber — all up to 8 inches thick with no heat-affected zone and superior edge quality and a 6' X 12' cutting table with a dynamic cutting giving a +/- .005in. accuracy.

At DWIGHT CRANE we offer fast, fast turn around on your job. Call us for a very competitive quote.

Waterjet cutting systems are the worlds most versatile machine tools. Flow systems cut virtually any shape in a single step with edge quality that usually requires no secondary finishing.

Dynamic Waterjet with Active Tolerance Control produces more accurate parts at significantly higher cutting speeds than parts cut with a conventional waterjet. This patent-pending system utilizes a newly-developed advanced motion system that incorporates unique mathematical cutting models, which control a small, articulated wrist that is attached to the cutting head. The wrist allows the cutting head to tilt in any direction, compensating for the stream lag and taper experienced with conventional waterjet cutting machines. Using the UltraPierce Vacuum Assist technology is ideal for cutting brittle and laminated materials such as marble, stone, glass, and composites.

The UltraPierce's exclusive no clog design pulls abrasive into the cutting head before the waterjet starts, so that the waterjet has abrasive particles entrained in the jet stream immediately.

With UltraPierce, fragile materials pierce easily, saving time and raw material, and enhancing the quality of the finished product.



1" THICK GLASS



STEEL GEAR CUT TO TIGHT SPECIFICATIONS

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