

MOLD

WIRE EDM

RAM EDM

SMALL HOLE EDM



DIETECH

TOOL & DIE, INC.

ISO 9001:2015 COMPLIANT

CNC TURNING CENTER

CNC MACHINING CENTERS

PRECISION GRINDING

CMM

Wire EDM



DieTech Tool & Die, Inc. use Fanuc Wire EDMs for their speed, accuracy and dependability. Fanuc Wire EDMs have anti-electrolysis power supplies. These machines use advanced AC cutting technology to reduce the softened layer in die steels, which will prolong the life of dies and other tooling. When wire-cutting carbide, polycrystalline diamond and other sintered materials, binder depletion and polishing times are reduced to a minimum. With this technology, DieTech Tool & Die has the ability to cut geometric shapes to meet the needs of the powder metal industry.

Ram EDM

DieTech Tool & Die, Inc. is equipped with three Ram EDMs used to produce precision powder metal tools. Our EDMs have the ability to burn carbide and tool steels using precision-made electrodes with complex geometrical details. As a result, we obtain a superior surface finish with minimal polish. All of our Ram EDMs are tooled with 3R Macro and 20mm round shanks for greater accuracy.



Small Hole EDM



Our small hole EDM can burn holes in carbide and steel ranging from .5mm (.020") to 3mm (.118") diameter in a short amount of time. The Drillmate EDM is tooled with Gaiser, 3R and Hirshman tooling.

CNC Turning Center

With our Haas SL-30 CNC turning center we are able to offer fast, precision tooling and also rapid turn-around on production machining needs. The SL-30 has a maximum turning capacity of



17" diameter x 34" between centers.

Surface Grinders

Our Mitsui surface grinder is equipped with an Optidress, which allows us to grind precision angles and radii.

Our Parker Majestic surface grinder is equipped with a pantograph and a CNC indexing head. This gives us the ability to grind precision gear forms.



CMM

Our Brown & Sharpe CMM allows us to precisely inspect any of the complex tooling manufactured in our shop.



CNC Machining Centers



Our CNC machining operations are streamlined using Haas vertical machining centers. The CNC machining capabilities provide a powerful tool to reduce cycle times and improve accuracy. Our machining centers are equipped with 20-station tool changers. One machining center is equipped with a 10,000 RPM spindle. With our CNC machining centers we are capable of quickly and accurately meeting the needs of the tool and die and production machining industry.



DieTech Tool & Die, Inc.
was established in 1995

16,000 sq./ft. building

We use Mastercam for
programming our
CNC equipment.

We use JobBoss
software systems for:

Scheduling

Tracking

Order Entry

Purchasing

Material Inventory

Shipping

