

Tool & Die



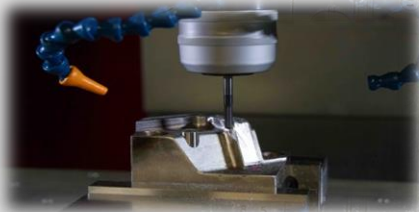
New Tooling

Turn Key tooling, Complete from design to production
Small single hit dies to large progressive dies
Build tooling to existing CAD design
Comprehensive tool room with CNC, EDM and tool building experience

Maintenance and Repair

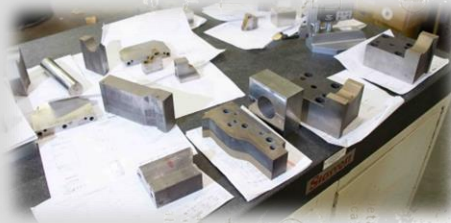
Reverse Engineer old die component to machine new part
Fast turn around for time sensitive jobs
Repair inoperable metal stamping die to original state

CNC Machining



We have CNC mills and lathes with the capability to machine parts of varying size, manned by skilled personel trained specifically in its use. Our CNC capabilities range from machining hole patterns in a small die shoe to milling a complex 3-D profile on a die detail. We have the versatility to machine tool steel, aluminum, brass, copper and all types of plastic material.

Wire EDM

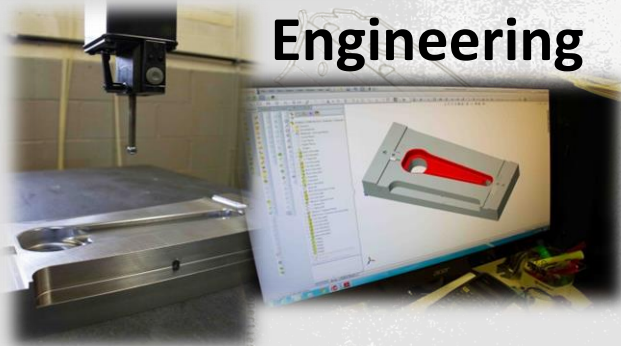


Rainbow Tool & Machine precision EDM services provide customers with complex machined components at competitive prices. We have four Mitsubishi EDM machines that give us the capabilities to tackle the smallest to largest of jobs.

We pride ourselves in our ability to respond immediately to customer needs that involve intricate details, complex geometries and prototypes. Our wire EDM machining process has become integral to producing precision metal parts on a competitive basis.

Reverse

Engineering



Rainbow Tool & Machine's reverse engineering capabilities set us apart from other machine shops by providing an additional service in-house. When customers have damaged or broken parts or components in which no CAD data exist, we can easily solve the problem by using our Brown & Sharpe CMM or Faro arm technology. We are able to restore missing geometry of broken or damaged parts. The digitizer then creates CAD data that is translated into a program for CNC machines. Once the geometry is re-created and programmed, we can then make a replacement part and save the CAD files for future use.