



In addition to our fluid power capabilities, Action Hydraulics operates a full service machining and welding facility.

### Services we offer include:

General & Custom  
Machine Work

CNC Milling

Turning

Grinding: Cylindrical,  
Surface, Internal

Roller & Shaft  
Repairs

Welding, TIG, MIG  
& SMAW

We are renowned for our precision machining and fabrication capabilities and we support various industries including food, automotive, infrastructure, agriculture, aviation and rail.

Both our ability to identify our customers' needs and our value added services have enabled us to experience tremendous growth as machine/fabrication shop over the 34 years of our operation.

We offer precision CNC and traditional machining services to tight tolerances using steel, stainless steel, brass, aluminum and plastics. Our capabilities range from prototyping services to medium-volume production runs. Furthermore, our quality procedures ensure that all parts are built or repaired to exacting specifications.

### Equipment and Capabilities:

We have endeavoured to build a shop that can accommodate a wide range of jobs.

- With our **Gemini GE 870** (Swing Over Bed / Cross Slide / Gap: 34.25" / 22.875" / 42"), and its **9" bore and 20" chuck** we can create and repair very large hydraulic cylinders.
- Our two **5 ton overhead cranes** ensure that we can also properly maneuver large pieces increasing the safety of our staff and our customers' investments.
- Our **CNC machining** centres also enable us to develop more intricate work.



## **We're always renewing our investment in our facilities, but we currently operate:**

- 1 CNC lathe
- 1 CNC vertical machining centre
- MasterCAM X7 CAD/CAM software
- Our work horses: 5 traditional lathes with a wide variety of swings and capabilities (TOS, Mazak, Okuma)
- 1 large Gemini GE 870, lathe (9" bore and 20" chuck)
- 1 Smart and Brown super precision lathe
- 2 radial drills
- 3 saws
- 5 milling machines
- 4 surface grinders
- 2 honing machines
- 2 Lapmaster lapping machines



At any time we have up to 6 machinists on site, including a certified engineering technologist, to serve our customers' needs. Our machining staff has over 100 years of combined experience to draw upon, to solve and design their way out of even the most difficult problems.

### **Welding:**

Action Hydraulics' welding staff has extensive knowledge and experience in custom build and design operations. We are capable of delivering solutions from concept, to drawing, to finished products. We have built everything from custom vacuum systems to attachments for mobile equipment to meet modern regulations.

### **Our work:**

We never shy away from handling even the simplest requests like lapping pistons and plates, but the challenge of prototypes and one-off parts are the occurrences that we truly enjoy.

We're dedicated to solving design build issues, and implementing design improvements of existing parts to help our customers' overcome their challenges.