

Company Profile:

Ross Machine Shop Ltd. was established in Regina in 1983 and has grown to a 30,000 square ft. facility employing 50 people.

Ross Machine is pleased to provide a complete range of Services:

- Machining Services
- Welding
- Vibrational Stress Relief
- Industrial Mechanic
- Computer Aided Design Department

Equipment:

Lathes - 11 in total. The sizes range from 16" x 60" to 42" x 240"

CNC Vertical Lathe - Capacity 80" dia x 68" high
(Boring Mill)

CNC Lathes - 4 with a capacity up to 28" x 120"

Milling Machines - 4 with various attachments and capacities to do all basic milling functions.
- 2 Bed Milling machines
- Capacity up to 60" x 40" x 208"
- Weight up to 30,000 lbs.
- Ability to cut external and internal splines and gears.
- Tool and die capable

CNC Milling Machines - 4 machines capacity up to 40" x 40" x 80" and 4th Axis

3 Boring Mills - Capacity up to 60" x 48" x 80"
-15,000 lb. Weight capacity

Internal Keycutting - Using a combination of internal milling machine attachments, a keyseater machine, or a 12" vertical slotter, keyways of any size can be cut.

Portable Machining:

4 Portable Mills: 1 – 30" x 80"
1 – 24" x 42"
2 – 36" x 60"

Flange Facing: of any size

2 Boring Machines: up to 18" diameter x 96" long

Portable Keyway Cutting: 4" keyway
20" shafts

Portable drilling: Up to 4" diameter drilling
Up to 2" diameter tapping

Pipe cutting and weld preparation on request

We have miscellaneous tooling and accessories to guarantee our accuracy such as laser alignment, a precision optical level, machinist levels and precision straight edges.

Welding:

Our welding department can provide many welding processes that include general fabrication from steel, stainless steel and aluminum and brass products. We also do wear overlays and submerged arc overlays such as aluminum bronze, manganese bronze, stellite, monels, carbides and various stainless steels.

Stress Relief:

Our Meta-Lax vibratory stress relief system is a sub-harmonic stress relief and weld conditioning system.

Material Handling Equipment:

Overhead Crane capacity of 20 tonnes.

Forklifts up to 8000 lbs.

11- Service Trucks

2- 1 Ton Flat Deck for pick-up and delivery.

1- 5 Ton Flat Deck for pick-up and delivery.

Millwright Service:

Experienced in reconditioning with the support of our machine shop. Some examples are:

- Valves (up to 36")
- Gearboxes (as large as 38' long)
- Bearing Assemblies
- Rebuilding of pumps (Slurry, water, propane, etc.)
- Laser Coupling Alignments
- Motor and pump installations

Complimenting our machine shop facility, Ross Machine specializes in industrial repairs and participates in off site plant maintenance programs during the year.

Ross Machine Shop believes that the success of our company lies in the knowledge and expertise of our group of professionals who strive for excellent results.

“Where Quality Counts”

Contacts:

- Mr. Kevin Lorenz General Manager
- Mr. Barry Craigie Supervisor
- Mr. Paul Collins Supervisor
- Mr. Shawn Rowsom Supervisor
- Mr. Ernie Boehm Machine Shop Foreman
- Mr. Preston Eckert..... CAD Design Dept.
- Mr. Adrien Dumonceaux..... CAD Design Dept.
- Mr. Mervin Baer..... CAD Design Dept.
- Mrs. Judy Vanderleest..... Office Manager
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