

**DC Machine Parts**  
**Unit B 43833 Progress Way**  
**Chilliwack, BC, V2R OE6**  
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# Equipment & Capacity



## Manual Lathes

8 Engine Lathes up to Ø56" x 240" Long.  
Metric & inch threading.

## Manual Milling Machines

6 Milling Machines 16" x 50" x 14"  
#40 & #50 Spindle Tapers

## Grinding

Surface Grinder 16" x 28" x 14"  
Universal Cylindrical Grinding Ø12"x 60" long  
with internal grinding attachment.  
Rotary Surface Grinding Ø24" x 8"  
Drill Grinder / Split Pointing up to Ø3"

## Horizontal Boring Mill

**G&L 4" Boring Mill** 60" x 60" x 84"  
#50 Spindle Taper, 3 axis DRO  
(much larger pieces can fit onto the table)

## Keyways & Slotting

**Colonial 36"** 6 Ton Broaching  
Inch & Metric keyway broaching  
up to 1.25" & 32mm  
Slotting 6.5" long x 4" wide

## Design & CAM Software

Solidworks 2018  
GibssCAM 2016

## Welding Equipment

Various MIG, TIG, Stick welding machines  
Can weld most steel alloys, 304 & 316 SS  
Ductile / Cast iron, Aluminum Alloys  
Rotary Weld positioners  
4 Belt Sanders

## Bandsaw

**Hydmech H22A** - 22" x 22" Capacity  
Fully Automatic & programmable

## Material's Machined

All types of carbon & alloy steel  
All types of stainless steel, including heat treated  
All Aluminium Alloys, Non Ferrous brass & bronzes  
Tool Steels, Plastics including PTFE, Nylon, UHMW  
Delrin & Phenolic.

## CNC Milling

**Kitamura HX400** Horizontal Machining Center  
13,000 RPM, 26" x 24"x 22" High Speed Machining  
**Doosan Vertical Mill 750II** Vertical Machining  
Center 12,000 RPM, 64" x 30" x 30" High Spped Machining

## CNC Lathes

**Doosan Puma 700LM** CNC Turning Center  
60 HP Spindle, 15 HP Live Tooling  
Swing Ø 41" x 126" long, Ø 6.3" Spindle Bore  
Ø24" Hydraulic Chuck / 14" capacity steady rest  
**Doosan Puma 4100LMB** CNC Turing Center  
50 HP Spindle, 15HP Live Tooling, Swing Ø31" x 82"  
Ø4.6" Spindle bore, Ø18" Hydraulic Chuck, Steady rest.  
**Jinn Fa JCL60A**, 3500 RPM 20 HP  
Max Swing Ø20" x 20" long, Ø 2.4" Spindle Bore  
**Hitachi HT20**, 5000 RPM 15HP, Max Swing Ø15"

## Gear Shapers

**2 - Fellows 36-6** Gear Shapers 36" Internal 40" external  
6" face, with cutter elevator.

**2 - Fellows 6A Gear** Shapers internal / external  
gear & splines up to Ø18" x 5" face.

**Sykes V10A** internal & external gears & Splines  
Ø10" x 2.5" face

**Fellows 4AGS** Automatic Gear Shaper

## Gear Hobbing

**Gould & Eberhardt 12,24 & 36** Gear / Spline cutting  
Up to Ø40" - 2DP or 12 MOD, Helical & Spur

## Quality Control

48" x 48" Granite Surface Table  
Outside Micrometer's 0-48"  
Inside Micrometer's 2-40"  
Digital Calipers 0-60"  
Thread Micrometer's 0-6"  
Various Flange, Groove, Blade micrometers  
Bore Micrometers 0.125-8.000  
Gauge Blocks (certified)

## Heat Treatment

We handle all heat treating requirements as required.

## Hydraulic Press

100 Ton Vertical Press

## Sand Blasting 36" x 24"