

# **List of Machinery & Equipment**



**965 Cecelia Street  
Pembroke, Ontario  
K8B 1A4**

## **CAD / CAM Capability**

- CADKEY
- MasterCam NC programming V- 2018 MILL
- MasterCam NC programming V -2018 WIRE
- SOLID WORKS 2018-Design

## **TURNING**

- Alpha 550 – Harrison CNC 21”X80”
- Alpha 330 plus – Harrison CNC 13” X 30”
- Fortune CNC – TURN II – 26 – 12” swing X 42”
- Sofia CU400 17”swing x 60” lathe
- VDF – 22” swing x 120” lathe
- Boxford TR 10” swing x 30” lathe
- Dean Smith & Grace 13”swing x 42” lathe
- Dean Smith & Grace 21”swing x 72” lathe (36”swing x 8” over gap)

## **MILLING & BORING**

- OKK HM800S – 4 axis, twin pallet, 60 tool changer - X 41” Y 35” Z 34” ( 2009 )
- Daewoo DMV500 – vertical X 40” Y19” Z20” ( 2001 )
- MTE CNC controlled universal mill – X 165” Y 40” Z 40” (2004)
- Tree Mill – 4 axis universal CNC mill X 40” Y 27” Z 27”
- Maho Universal 600E – 3 axis CNC with manual 4<sup>th</sup> axis. X 23” Y 12” Z 12”
- Niigata – HN80B – Horizontal CNC mill ( with pallet and tool changer )
- Correa CF-20 CNC mill X73” Y 31” 31”
- TOS FA4 vertical mill
- Huron KU-5 universal mill
- 1 Lilian mill
- 2 Bridgeport Vertical Mills
- Victoria U-2 mill
- DAH-LIH DL-G1800 vertical turret mill
- Deckel FP-2 milling & jig boring machine

## **DRILLING**

- Archdale 48”x 72” radial drill
- Yodagawa 36” radial drill
- Delta 17” drill press
- 2 Herbert drill presses
- Jones & Shipman 16” geared drill press
- 2 Buffalo No. 15 bench drill presses

## **EDM MACHINING**

- Charmille – RoboFil 690 wire edm
- ONA Prima E-400 CNC wire edm
- 2 - Fancuc – Tape Cut - W1 wire edm
- PowerMaster EDM sinker

## **GRINDING & FINISHING**

- Chevalier 20” X 60” surface grinder
- Harig Super 618 surface grinder
- Haro #12 universal tool & cutter grinder
- Jones & Shipman 10” swing x 27” cylindrical grinder
- 2 Jacobson 6”x 18” surface grinders
- Jones & Shipman 10”x 27” surface grinder
- ELB SW9VA1 14”x 36” surface grinder
- Rogers 72” knife grinder
- Dumore tool post grinder
- Clarkson tool & cutter grinder
- Sunnen honing machine 3/16 dia. to 1-1/2 dia.
- Power Match belt & disk sander
- 10” double end pedestal grinder

## **INSPECTION EQUIPMENT**

- **Mitutoyo CMM** – 65”X 36”X 28” measuring envelope
- Temperature controlled inspection room
- 48”x 72” granite inspection table
- 32” Trimos digital height measuring instrument
- 24” digital height gauge
- Kodak 14-2A projection comparator
- ROTAB 24” tilting rotary table
- Avery rockwell hardness tester

## **HEAT TREATING**

- Efco Linberg 13”x 18”x 36” box furnace
- Efco Linberg 5”x 9”x 12” box furnace

## **WELDING**

- Canox C-25CE AC/DC arc welder
- Canox CP-200 MIG welder
- Canox C-SW TIG welder
- Oxy-Acetelene cutting & welding equipment
- Taylor Winfield 5 kw induction heating machine
- F & H 30 KVA spot welder

## **SHOP FACILITIES**

- 20 000 sq. ft. shop area including 1,400 sq. ft. of assembly area with an additional 10,000 sq. ft. of assembly area available for fabrication of large equipment when required.

## **SAWING**

- Pehaka HS260 horizontal bandsaw
- Doall 3612 vertical bandsaw

## **SHEET METAL PROCESSING**

- Brown & Boggs 16LS 50 ton, OBI punch press, 12”x 30” bed
- Dake – 150 ton hydraulic press – 53” x 70”

## **MATERIAL HANDLING EQUIPMENT**

- 16’x 18’ monorail gantry c/w two 1000 lb. hoists
- 10’ mobile beam gantry c/w two 4000 lb. hoists
- Toyota 5000 lb. fork lift truck

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