

MAHLER MACHINING

Machine Listing

Mahler Machining Ltd
Unit 101 1324 Ketch Cour
Coquitlam, BC, V3K 6W1

7-AXIS Mill Turns

7-Axis Mill Turns are Live Tooling CNC Lathes with Dynamic Milling

Mazak Integrex i-300

- Max Swing: 25.9"
 - Max Machining Diameter: 25.9"
 - Max Machining Length: 39.8"
 - Chuck Size: 12.0"
 - Main Spindle 4,000 RPM
 - Main Spindle Bore \varnothing : 3.15"
 - Milling Spindle 12,000RPM \rightarrow 35 HP
 - Milling Capability:
 - End Milling: 3.94"
 - Drilling: 1.18"
 - Tapping: M27 x 2
- X Axis Travel: 24.21"
Y Axis Travel: 9.84"
Z Axis Travel: 42.40"
B Axis Travel: 240°
C Axis Travel: 360°



Mazak Integrex 300-3s

- Max Swing: 30.0"
 - Max Machining Diameter: 30.0"
 - Max Machining Length: 60.0"
 - Chuck Size: 12.0"
 - Main Spindle 4,000 RPM
 - Main Spindle Bore \varnothing : 3.46"
 - Sub Spindle
 - Milling Spindle 12,000 RPM \rightarrow 35 HP
 - Milling Capability
 - End Milling: 3.94"
 - Drilling 1.18"
 - Tapping: M27 x 2
- X Axis Travel: 24.80"
Y Axis Travel: 9.06"
Z Axis Travel: 62.41"
B Axis Travel: 225°
C Axis Travel: 360°



5-AXIS CNC Milling

Mazak VC500A-5X

- 30 HP
 - Cat 40 taper
 - 60 tool capacity
 - 15,000 RPM Spindle
 - 19.68" x 19.68" Table with T-Slots
 - Full 5-Axis
- X Axis Travel: 21.85"
Y Axis Travel: 19.88"
Z Axis Travel: 20.07"
B Axis Travel: 220°
C Axis Travel: 360°



Vertical 3 & 4 Axis CNC Milling

All Vertical CNC Mills equipped with in machine tool and part probing and through spindle coolant.

Mazak Nexus 510

- 25 HP
- Cat 40 taper
- 30 tool capacity
- 12,000 RPM

X Axis travel: 41.34"
Y Axis travel: 20.87"
Z Axis travel: 20.08"
4th Axis Equipped



Mazak V500C

- 25 HP
- Cat 40 taper
- 30 tool capacity
- 12,000 RPM spindle

X Axis Travel 39.37"
Y Axis Travel 19.88"
Z Axis Travel 20.08"



Mazak VCU500A (2 Pallet Changer)

- 25 HP
- Cat 40 Taper
- 30 tool capacity
- 12,000 RPM Spindle

X Axis Travel 21.85"
Y Axis Travel 19.88"
Z Axis Travel 20.08"



Mazak VTC300

- 20 HP
- Cat 40 taper
- 48 tool capacity
- 3000 # Table Load
- 10,000 RPM spindle

X Axis Travel: 65.30"
Y Axis Travel: 29.90"
Z Axis Travel: 30.00"
4th Axis Equipped



Haas VF 9/50

- 30 HP
- Cat 50 taper
- 30 + 1 tool capacity
- 10,000 RPM spindle

X Axis Travel: 84.00"
Y Axis Travel: 40.00"
Z Axis Travel: 30.00"



Haas VF2SS

- 30 HP
- CAT 40 taper
- 30 + 1 tool capacity
- 15,000 RPM

X Axis Travel: 30.00"
Y Axis Travel: 16.00"
Z Axis Travel: 20.00"



Haas TM3

- 7.5 HP
- Cat 40 Taper
- 4,000 RPM

X Axis Travel: 40.00"
Y Axis Travel: 20.00"
Z Axis Travel: 16.00"



CNC Turning Centers

Mazak QTNII 400M

- Main Spindle: 50 HP & 2,500 RPM
 - Milling Spindle: 10 HP & 4,000 RPM
 - Max Swing: 33.27"
 - Max Through Bar Capability: 4.587"
 - Max Machining Dia / Length: 22.84" / 40.35"
 - Chuck Size: 15.0"
- X Axis Travel: 13.78"
Z Axis Travel: 42.13"
✓ **Live Tooling**
✓ **Tail Stock**



Mazak QTS 350MY

- Main Spindle: 40 HP & 4,000 RPM
 - Milling Spindle: 10 HP & 6,000 RPM
 - Max Swing: 29.60"
 - Max Through Bar Capability: 4.00"
 - Max Machining Dia / Length: 16.64" / 23.80"
 - Chuck Size: 12.0"
- X Axis Travel: 10.13"
Y Axis Travel: 6.00"
Z Axis Travel: 26.38"
✓ **Live Tooling**
✓ **Y Axis Travel**
✓ **Steady Rest + Tailstock**



Mazak QTS 200M (+ Bar feed Automation)

- Main Spindle: 25 HP & 5,000 RPM
 - Milling Spindle: 7.5 HP 6,000 RPM
 - Max Swing: 26.00"
 - Max Through Bar Capability: 2.99"
 - Max Machining Dia / Length: 14.25" / 21.05"
 - A2-6 Quick Grip Collet Chuck
- X Axis Travel: 8.88"
Z Axis Travel: 23.75"
✓ **Live Tooling**
✓ **Bar Feed Automation**
✓ **Tailstock**



Mazak QT 100MSY (+ Bar feed Automation)

- Main Spindle: 20 HP & 5,000 RPM
 - Sub Spindle: 15 HP & 6,000 RPM
 - Milling Spindle: 7 HP & 5,000 RPM
 - Max Swing: 21.65"
 - Max Through Bar Capability: 2.05"
 - Max Machining Dia / Length: 11.00" / 13.29"
 - QG-52 Quick Grip Collet Chuck
- X Axis Travel: 7.13"
Y Axis Travel: 4.00"
Z Axis Travel: 14.13"
✓ **Live Tooling**
✓ **Y Axis Travel**
✓ **Sub-Spindle**
✓ **Bar Feed Automation**



Mazak QT 25L

- Main Spindle: 25 HP & 3600 RPM
 - Chuck Size: 12.0"
 - Max Through Bar Capability: 2.76"
 - Max Machining Dia / Length: 12.6" / 48.03"
- X Axis Travel: 7.87"
Z Axis Travel: 48.43"
Max Swing: 20.08"
✓ **Tail Stock**



Mazak QT 10 (+ Bar feed Automation)

- Main Spindle: 10 HP & 6,000 RPM
 - 8" chucks & Hardinge Collet System
 - Max Through Bar Capability: 1.57"
 - Max Machining Dia / Length: 6.30" / 10.08"
- X Axis Travel: 3.75
Z Axis Travel: 11.40"
Max Swing: 11.81"



Mazak QT 8

- Main Spindle: 10 HP & 5,000 RPM
 - 8" chucks & Hardinge Collet System
 - Max Through Bar Capability: 1.57"
 - Max Machining Dia / Length: 6.30" / 11.22"
- X Axis Travel: 3.75
Z Axis Travel: 11.42"
Max Swing: 11.81"



Horizontal CNC Milling

Mazak PFH-5800

- Travel:
 - X Axis Travel: 27.95"
 - Y Axis Travel: 24.02"
 - Z Axis Travel: 25.98"
- Work Piece Size
 - Max. Table load 1,100 lbs
 - Max Work piece height 27.6"
 - Max. Work piece diameter 28.7"
 - Max. Tool length 14.1"
- Static Machine Accuracies
 - Unidirectional Positioning Accuracy: +/- 0.0012
 - Unidirectional Repeatability: +/- 0.0004
 - Index Table Positioning Accuracy: +/- 2.5 Arc Seconds
 - Index Table Repeatability: +/- 1.0 Arc Seconds
 - 12,000 RPM
- Pallet Size 19.68" x 19.68"



Mazak FH-5800

- Travel:
 - X Axis Travel: 27.95"
 - Y Axis Travel: 24.02"
 - Z Axis Travel: 25.98"
- Work Piece Size
 - Max. Table load 1,100 lbs
 - Max Work piece height 27.6"
 - Max. Work piece diameter 28.7"
 - Max. Tool length 14.1"
- Static Machine Accuracies
 - Unidirectional Positioning Accuracy: +/- 0.0012
 - Unidirectional Repeatability: +/- 0.0004
 - Index Table Positioning Accuracy: +/- 2.5 Arc Seconds
 - Index Table Repeatability: +/- 1.0 Arc Seconds
 - 12,000 RPM
- Pallet Size 19.68" x 19.68"



Manual Machine Shop

(Used for prototype work and some 2nd operation production work)

- 2 Tool Room Lathes
- Harding Turret Lathe
- Vertical Precision Mill
- Radial Arm Drill
- Sunnen Automatic Hone
- Collection of grinders, drill presses

Have a question? Need a quote?
Reach out today and Start the Conversation

604-525-1774

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