



D&D Custom Steel Products Ltd.

• Medium to Heavy Duty Precision Machining • CNC Horizontal Boring • CNC Turning

428 Seaman Street
Stoney Creek, Ontario
Canada, L8E 3P3

Tel: (905) 664-4245 Fax: (905) 664-6705
E-mail: info@ddcustomsteel.com
Website: www.ddcustomsteel.com

List of Equipment

Horizontal Boring Mills

1. C.N.C. Table Type Horizontal Boring Mill (Monti FT-50)

Description:

- 158" x 47" Fixed Table
- Automatic Tool Changer (40 Tool Capacity)
- Machine Controlled by a Heidenhain T.N.C. 415 with Five Axis Programmability

Specifics:

- | | |
|---------------------------------------|------------|
| • Table Cross Travel (X Axis) | 160" |
| • Headstock Vertical Travel (Y Axis) | 80" |
| • Column Longitudinal Travel (Z Axis) | 67" |
| • Ram Travel | 40" |
| • Rotary Table | 50" x 50" |
| • Maximum Table Load | 30,000 lbs |

2. C.N.C. Table Type Horizontal Boring Mill (Monti AT-127)

Description:

- Automatic Tool Changer (40 Tool Capacity)
- Machine Controlled by a Heidenhain T.N.C. 415 with Five Axis Programmability

Specifics:

- | | |
|---------------------------------------|------------|
| • Spindle Diameter | 5" |
| • Spindle Travel (W Axis) | 32" |
| • Table Cross Travel (X Axis) | 160" |
| • Headstock Vertical Travel (Y Axis) | 80" |
| • Column Longitudinal Travel (Z Axis) | 67" |
| • Table Size | 59" x 71" |
| • Maximum Table Load | 22,000 lbs |

3. C.N.C. Table Type Horizontal Boring Mill (Kuraki KBT-11 W.A)

Description:

- Automatic Tool Changer (40 Tool Capacity)
- Machine Controlled by a Fanuc 16MC with Five Axis Programmability

Specifics:

- Spindle Diameter 4.33"
- Spindle Travel (W Axis) 20"
- Table Cross Travel (X Axis) 80"
- Headstock Vertical Travel (Y Axis) 60"
- Table Longitudinal Travel (Z Axis) 57"
- Table Size 55" x 63"
- Maximum Table Load 14,300 lbs

4. C.N.C. Table Type Horizontal Boring Mill (Kuraki KBT-11 W.A)

Description:

- Automatic Tool Changer (40 Tool Capacity)
- Machine Controlled by a Fanuc 16MC with Five Axis Programmability

Specifics:

- Spindle Diameter 4.33"
- Spindle Travel (W Axis) 20"
- Table Cross Travel (X Axis) 80"
- Headstock Vertical Travel (Y Axis) 60"
- Table Longitudinal Travel (Z Axis) 57"
- Table Size 55" x 63"
- Maximum Table Load 14,300 lbs

5. C.N.C. Table Type Horizontal Boring Mill (Kuraki KBT-11 W.A)

Description:

- Automatic Tool Changer (40 Tool Capacity)
- Machine Controlled by a Fanuc 16iMC with Five Axis Programmability

Specifics:

- Spindle Diameter 4.33"
- Spindle Travel (W Axis) 20"
- Table Cross Travel (X Axis) 80"
- Headstock Vertical Travel (Y Axis) 60"
- Table Longitudinal Travel (Z Axis) 57"
- Table Size 55" x 63"
- Maximum Table Load 14,300 lbs

6. C.N.C. Table Type Horizontal Boring Mill (Kuraki KBT-11 W.A)

Description:

- Automatic Tool Changer (40 Tool Capacity)
- Machine Controlled by a Fanuc 16iMC with Five Axis Programmability

Specifics:

- Spindle Diameter 4.33"
- Spindle Travel (W Axis) 20"
- Table Cross Travel (X Axis) 80"
- Headstock Vertical Travel (Y Axis) 60"
- Table Longitudinal Travel (Z Axis) 57"
- Table Size 55" x 63"
- Maximum Table Load 14,300 lbs

7. C.N.C. Table Type Horizontal Boring Mill (Monti MCS-100)

Description:

- Automatic Tool Changer (60 Tool Capacity)
- Machine Controlled by a Heidenhain T.N.C. 530m with Five Axis Programmability

Specifics:

- Spindle Diameter 4.4"
- Spindle Travel (W Axis) 24"
- Table Cross Travel (X Axis) 100"
- Vertical Travel (Y Axis) 60"
- Table Longitudinal Travel (Z Axis) 40"
- Table Size 50" x 60"
- Maximum Table Load 11,000 lbs

8. C.N.C. Table Type Horizontal Boring Mill (Monti MCS-120)

Description:

- Equipped with Steady Rest System
- Machine Controlled by a Heidenhain T.N.C. 150 with Three Axis Programmability

Specifics:

- Spindle Diameter 4.75"
- Spindle Travel (W Axis) 28"
- Table Cross Travel (X Axis) 118"
- Headstock Vertical Travel (Y Axis) 72"
- Table Longitudinal Travel (Z Axis) 101"
- Table Size 60" x 60"
- Maximum Table Load 15,400 lbs

9. Table Type Horizontal Boring Mill (Monti MCS-110)

Description:

- Equipped with Digital Electronic Positioning System

Specifics:

- Spindle Diameter 4"
- Spindle Travel (W Axis) 28"
- Table Cross Travel (X Axis) 97"
- Headstock Vertical Travel (Y Axis) 48"
- Table Longitudinal Travel (Z Axis) 52"
- Table Size 39" x 58"
- Maximum Table Load 14,300 lbs

Lathes

1. C.N.C. Heavy Duty 4 Axis Lathe (Tacchi HD/3 105H)

Description:

- 12 Position Turret With Live Tools
- Probe for Component Accuracy and Inspection
- Control Unit – Siemens Sinumerik 820 T (4-Axis)

Specifics:

- Swing Over Bed 63"
- Swing Over Saddle 49.2"
- Distance Between Centers 236.25"
- DC Main Motor 100 hp
- Weight of Workpiece 48,500 lbs
- Dia. 200mm Boring Bar x 1600mm Depth Capacity
- Y Axis with -60/ +80mm Vertical Travel

2. C.N.C. Heavy Duty 2 Axis Lathe (Giana GGL 650)

Description:

- 4 Post Automatic Turret
- Control Unit – Fagor 8055 tc (2 axis)

Specifics:

- Swing Over Bed 48.8”
- Swing Over Saddle 33.5”
- Distance Between Centers 78.7”
- A.C. Brushless Main Motor 50 hp
- Weight of Workpiece 22,050 lbs

CMM

DEA Alpha Image 20.33.15 Gantry CMM

Specifics:

- X-Axis 78.7”
- Y-Axis 128.9”
- Z-Axis 59”

Lifting

1. 25 Ton Crane
2. 10 Ton Crane
3. 10 Ton Crane
4. 5 Ton Crane
5. 3 Ton Fork Lift