



Manufacturing Equipment



2008 - Mazak – Integrex
Model: 300-4ST 7-axis Lathe
40 tool magazine with automatic tool length measure
12" chuck main spindle, 10" chuck sub spindle
9 station sub turret, 60" maximum length,
24" maximum cutting diameter
Full 5-axis capability



2014 - Mazak – Variaxis 500 – 5X – 2 Pallet
Model: J-500 II 5 – axis Vertical Milling
18,000 RPM spindle (big plus) with coolant through,
30 tool magazine with automatic tool length measure
20" working diameter



2015 - Mazak – Variaxis 500 – 5X - single pallet
Model: J-500 - 5 – axis Vertical Milling
18,000 RPM spindle (big plus) with coolant through,
30 tool magazine with automatic tool length measure
20" working diameter



2014 - Mazak – Variaxis I-700

Model: VRX I-700 - 5-axis Vertical Milling
18,000 RPM spindle (big plus) with coolant through
40 tool magazine with automatic tool measure
33" working diameter
Maximum table load - 700 kg



2013 - Mazak - Vertical Center Universal 400A 5X

Model : VCU 400 5X - 5 – axis Vertical Milling
12,000 RPM Spindle
30 tool magazine with automatic tool length measure
16" working diameter



2009 - Mazak – Vertical Centre Nexus

Model: VCN 510C II - with 4-axis
Extended table = 54" x 20"
30 tool magazine with automatic tool length measure
Full force 4-axis capabilities



2014 - Mazak – Vertical Universal Milling Centre

Model: VCU 500 C - 4-axis Vertical Milling
Extended Table = 40" x 20"
30 tool magazine with automatic tool length measure
Full force 4-axis capabilities



Mazak – Integrex 30Y
Model: Integrex 30Y - 4 axis Lathe (Milling)
20" swing, 10" chuck, 60" between centers
40 station tool magazine with automatic
tool length measure



2008 - Mazak – Nexus Turning Milling Machine
Model: QTN 250 MY - 4-axis Lathe
10" chuck, 16" swing, 20" between centre
12 station turret with live tools
Automatic tool length measurement



2008 - Mazak – Vertical Centre Nexus
Model: VCN 510C II - 3-axis Vertical Milling
Extended table = 54" x 20"
30 tool magazine with automatic tool length measure
12,000 RPM Coolant through spindle



Mazak – Nexus Turning Milling Machine

Model: SQT 18 MY - 4-axis Lathe

10" chuck, 16" swing, 20" between centre

12 station turret with live tools

Automatic tool length measurement



Mazak - Milling Machine

Model: VQC-15/40 - 3 axis Vertical Milling

Table size: 20" x 16"



Mazak - Vertical Milling Machine

Model: FJV 200 - 3 axis Milling Machine

Table Size: 30" x 20", 30 tool magazine

12,000 RPM Spindle



2003 - First Vertical Milling Machine

Model: LC-20 VSG - 3 axis

42" x 12" travel with digital readout and power feed

OTHER:

Mazak – 2 Axis Lathe

Model: QT20 - 2 axis Turning Centre

20" between centres, 12 station tool turret with automatic offset measure

10" chuck, 5,000 RPM

First O Milling Machine

Model: LC-1-1/2 VS

30" x 10" travel with digital readout and power feed

Morton - Manual Lathe

Model: FEL-1340G

8" chuck , 2" through spindle

Hardinge - Manual Lathe, 2-axis

Model: HLV H869

Sunnen Honing Machine

QUALITY CONTROL:



2013 Coordinate Measuring Machine

Model: Zeiss Contura G2

Comes with 22" LCD Monitor

Measuring range: X = 700 mm, Y = 1,000 mm, Z = 600 mm



2006 – 3D – Tesastar CMM

Measuring Range: X = 440mm, Y = 490 mm, Z = 390mm

Measuring speed = 13.62 in/sec.

Max part weight = 501 lbs