

Machine Shop Equipment List

Glass City Machining

Specifications on our available machines.

Cad Cam Software

- (1) Catia 2017
- (1) Volume Mill
- (2) Surfcam Version 6
- (3) Mastercam9 2018
- (2) Solidworks 2017
- (1) Vericut 8.0
- (1) Sigmanest Version 11.3
- (2) OpenDMISMeasuring Software.

CNC MILLS

- (1) OKK VM7 Vertical Mill with Rotary 4th-Axis
Travel: X= 60.0'; Y= 30.0'; Z =29.0"
- (1) OKK KCV 600 Vertical Mill with Rotary 4th-Axis.
Travel: X = 120. 0'; Y =28. 5'; Z =27 5"
- (1) HURCO VMX64 3 Axis Vertical Mill with Rotary 4th-Axis.
Travel: X= 63.976". Y=34.015". Z =30.0394". A= 360°
- (1) HURCO VMX64 3 Axis Vertical Mill with Rotary 5th-Axis.
Travel: X= 63. 976'; Y=34.015'; Z =30.0394'; A= 360°, B= 360°
- (1) Mazak Ultra 650 Horizontal 4-Axis Mill.
Travel: X =40.00". Y =31.5'; Z =31.0"

(1) Mazak FH-680 Horizontal 4Axis Mill with rotary 5th Axis.

Travel: X = 41.00". Y = 31.5". Z = 31.0"

(2) Mazak FH-680 Horizontal 4 Axis Mill with 12Station PalletSystem.

Travel: X = 41.00". Y = 31.5'; Z = 31.0"

(1) MatsuuraH.PLUS-630 Horizontal 4 Axis Mill with Fastems1 OStation Pallet System.

Travel: X = 41.33'; Y = 36.22'; Z = 38.97"

(1) Matsura MAM 72-1 COHHorizontal 5 Axis Mill w/Fastems 10 Station Pallet System

Travel: X = 41.33'; Y = 36.22'; Z = 37.79"

CNC LATHE

(1) Mazak Quick Turn 250N Lathe with 15" Chuck.

(1) Mazak Quick Turn 20N Lathe with 10" Chuck.

(1) Mazak Quick Turn 15N Lathe with 8" Chuck & Bar Feed.

(1) Mazak Super Quick Turn 30 MS Lathe w/12" Chuck

CNC LASER

(1) Mazak Super Turbo-X 510 Mark III G Laser Cutter.

Cuts 1" mild steel, 1/2" Stainless Steel & 3/8" Aluminum

Sodick 350 Wire EDM 20 X 40

Metal Forming Equipment

(1) ACCURSHEAR: 10' Shear Length with 3/8" Capacity.

(1) ACCURPRESS: 10' Bed Length with 250-Ton Capacity.

(1) Eagle Channel + Tubing Bender with roller. 3" Max.

(1) Tennsmith 4' Sheet Metal Roller 14 Gauge Max.

Manual Machines

(1) Clausing Colchester Lathe 48" swing 20' Bed.

(1) Clausing Colchester Lathe 17" swing 9' Bed.

(1) Lablond Lathe 27" swing 9' Bed w/Taper.

(1) RambaudiV3 Mill 42" x 12" Table Digital Readout.

(1) Sharp Mill 50" x 19" Table Digital Readout.

- (1) Heald Rotary Grinder with 17" Magnetic Table.
- (1) Jung Surface Grinder with 8' x 24" Magnetic Table.
- (1) Sunnen Hone with 0.120" - 2.50" Mandrels.
- (1) Norton Outside Diameter Grinder with a 6" chuck.

Multi-Tasking

- (1) Mazak INTEGREX J-200 Mill/Lathe with 8' Chuck.
- Travel: X = 17.72 in'; Y = 7.87'; Z = 21.65'; W = 37.40.*

Cutting Equipment

- (1) HEM-Saw Model: H130HA-9 Band Saw Auto Feed 12" Capacity.
- (1) Super Brown Special Cold Saw.

Welding Equipment

- (1) Miller Mig Welders.
- (1) Miller Tig Welder.
- (3) Lincoln Mig Welders.

Inspection Equipment

- (1) Wenzel Xtreme5 Axis CMM w/ Renishaw -PH1 OT Indexable Probe Head.
- Travel: X = 31.50'; Y = 59.0'; Z = 27.6*
- (1) Browne & Sharpe CMM w/ Renishaw Probe - Micro Xcel Model 7-10-5.
 - (15) Sunnen Bore Gauges 0.125" - 6.0'.
 - (2) Precision Granite Table 4' x 8'.
 - (2) Mitutoyo Model 600 Height Gauge.
 - (1) Brown & Sharp Tesa-Hite Height Gauge.

ABOUT US

Glass City Machining was purchased in 1984 By Ted Figgins. It was formerly known as Roco Machine Shop which was founded in 1962