

Sun-Glo CNC Facilities List

Multi Axis Turning - 6 Machines

(2) Doosan TT1800SY (2018 & 2021 Model)

Twin Spindle/Twin Turret
Ø2.625" Thru Bore Main Spindle
Quick Change Collet system
5,000 Max RPM Main/Sub Spindles
30 HP Direct Drive Spindles
Radial and Axial Live Tooling @ 5,000 max RPM
Y Axis Capabilities
4 Foot LNS Automatic Barfeeder
Automatic Parts Conveyor with Accumulator
Renishaw Probing on each turret

Machine Travel
X 7"
Y 2" +- from Center Line
Z 27.5"
Max Part Diameter: 9.05"

Doosan 2600SY (2018 Model)

Twin Spindle/Single Turret
Ø3.23" Thru Bore Main Spindle
Quick Change Collet system
4,000 RPM Main/ 6,000 RPM Sub Spindle
30 HP Main/20 HP Sub Direct Drive Spindles
Radial and Axial Live Tooling @ 5,000 max RPM
Y Axis Capabilities
4 Foot LNS Automatic Barfeeder
Automatic Parts Conveyor

Machine Travel
X 10.2"
Y 2" +- from Center Line
Z 32.67"
Max Part Diameter: 14.8"

(2) Takisawa LA250YS (2017 Models)

Twin Spindle/Single Turret
Ø3.5" Thru Bore Main Spindle
Quick Change Collet system
3500 Max RPM Main/Sub Spindles
25 HP Direct Drive Spindles
Radial and Axial Live Tooling @ 6000 max RPM
Y Axis Capabilities
Automatic Parts Conveyor

Machine Travel
X 10.6"
Y 2.6" +- From Center Line
Z 31.4"
Max Part Diameter: 14.6"

Haas DS30SSY (2015 Model)

Twin Spindle/Single Turret
Ø3.00" Thru Bore Main Spindle
Quick Change Collet system
4,800 Max RPM Main/Sub Spindles
Radial and Axial Live Tooling @ 6000 max RPM
Y Axis Capabilities
4 Foot LNS Automatic Barfeeder

Machine Travel
X 12.5"
Y 2" +- from Center Line
Z 23.0"
Max Part Diameter: 18"

Sun-Glo CNC Facilities List

Large Turning - 1 Machine

Takisawa LS800 (2017 Model)

Single Turret/Single Spindle

65 HP Spindle/Geared Headstock

Ø7.25 Thru Bore

Ø24" Chuck

Machine Travel

X 15.4"

Z 76.8"

Max Part Diameter: 30"

Max Part Weight: 5,700 Lbs

Swiss Turning - 2 Machines

(2) Nexturn SA20B (2010 Models)

Ø3/4 Max Turning Diameter

10,000 Max RPM Main and Sub Spindles

Radial and Axial Live Tooling @6000 max RPM

12 Foot MTA Automatic Barfeeder

Max Part Diameter: 3/4"

Vertical Milling - 5 Machines

Haas VF6 SS (2018 Model)

12,000 Max RPM Spindle

Rotary 4th Axis

25 Tool Max, Side Mount Tool Changer

Renishaw Probing

High Speed Machining

Machine Travel

X 60"

Y 32"

Z 30"

(2) Haas VF2 SS (2020 & 2021 Models)

12,000 Max RPM Spindle

Rotary 4th Axis

30 Tool Max, Side Mount Tool Changer

Renishaw Probing

High Speed Machining

Machine Travel

X 30"

Y 16"

Z 20"

Haas VF2 YT (2014 Model)

8,100 Max RPM Spindle

Rotary 4th Axis

40 Tool Max, Side Mount Tool Changer

Renishaw Probing

High Speed Machining

Machine Travel

X 30"

Y 20"

Z 20"

Haas VF2 (2010 Model)

8,100 Max RPM Spindle

Rotary 4th Axis

25 Tool Max, Side Mount Tool Changer

Renishaw Probing

Machine Travel

X 30"

Y 16"

Z 20"

Sun-Glo CNC Facilities List

Horizontal Milling - 3 Machines

Toyoda FH500J (2016 Model)

Full 4th Axis Table	Machine Travel
Automatic Pallet Change	X 28.74"
15,000 Max RPM Spindle	Y 28.74"
60 Tool Changer Max	Z 33.46"
Renishaw Probing	
Renishaw NC4 Laser (tool probing, breakage detection)	
Cat 40 Dual Contact Spindle	

(2) Toyoda WELE HMC500 (2020 & 2021 Models)

Full 4th Axis Table	Machine Travel
Automatic Pallet Change	X 25.20"
15,000 Max RPM Spindle	Y 24"
60 Tool Changer Max	Z 26.77"
Renishaw Probing	
Renishaw NC4 Laser (tool probing, breakage detection)	
Cat 40 Dual Contact Spindle	

CMM

Zeiss Contura G2 (2018 Model)

Fully programmable and automated	Machine Travel
.00008" Accuracy	X 37"
Glass scales/Air Bearings	Y 51"
Calypso Software	Z 21"
Program offline from solid models	

Micro-Vu (2010 Model)

Fully programmable and automated	Machine Travel
Uses vision and touch probe measurements	X 12"
.0001" Accuracy	Y 12"
	Z 5"

Engineering Software

Mastercam 2021
Solidworks 2019
Zeiss Calypso