

Sun-Glo CNC Facilities List

Multi Axis Turning - 7 Machines

(3) Doosan TT1800SY (2018, 2021 & 2022 Models)

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"

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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 - 8 Machines

(3) Haas VF2 SSYT (2023 and 2026 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 20"

Z 20"

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"

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Haas VF2 (2010 Model)

8,100 Max RPM Spindle	Machine Travel
Rotary 4th Axis	X 30"
25 Tool Max, Side Mount Tool Changer	Y 16"
Renishaw Probing	Z 20"

Horizontal Milling - 4 Machines

(2) Toyoda FH500J (2016 and 2024 Models)

Full 4th Axis Table	Machine Travel
Automatic Pallet Change	X 28.74"
15,000 Max RPM Spindle	Y 28.74"
60 and 120 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	

Broaching

Pioneer Model VT630

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	

Keyence IM-8020 (2022 Model)

Fully programmable and automated	Machine Travel
Uses vision and touch probe measurements	X 8"
	Y 8"
	Z 3.35"

Sun-Glo CNC Facilities List

Engineering Software

Mastercam 2026

Solidworks 2024

Zeiss Calypso