

**EQUIPMENT LIST**

**Turning Equipment**

**Haas HL 4 - New 1997 - Qty. (2)**

17" Max. Turning Dia., 25" Max. Turning Length Tailstock, 10" Chuck, RPM - 3400, 30 HP

**Haas ST 30 - New 2019 - Qty. (2)**

17" Max. Turning Dia., 10" Chuck, RPM - 3400, 30 HP

**Haas SL 20 with Fanuc Robot loader- New 2008 - Qty. (2)**

17" Max. Turning Dia., 25" Max. Turning Length Tailstock, 10" Chuck, RPM - 3400, 30 HP

**Haas Tool Room Lathe- New 2013 - Qty. (1)**

**Hyundai 18 S - New 1998 - Qty. (1)**

Swing Dia. - 17.32, Max Turning Dia. Tailstock - 10.6, RPM - 3600, 20 HP, 2.75" Dia. Bar Capacity,  
SMW Spacesaver Barfeed

**Hyundai 15 S - New 1999 - Qty. (1)**

Swing Dia. - 17.32, Max Turning Dia. Tailstock - 10.6, RPM - 4200, 20 HP, 2" Dia. Bar Capacity

**Doosan S310N - New 2005 - Qty. (1)**

Swing Dia. - 17.32, Max Turning Dia. Tailstock - 10.6, RPM - 3600, 20 HP, 2.75" Dia. Bar Capacity

**Multi Axis Turning Equipment**

**Nakamura WT150 - New 2012 - Qty. (1)**

Twin Spindle, Live Tools, RPM-3600, 20 HP, 2.00" Dia. Bar Capacity

**Nakamura Super NTY3 - New 2013 - Qty. (1)**

Twin Spindle, 3 Turrets, Live Tools, Y Axis, RPM-6000, 20 HP, 1.625" Dia. Bar Capacity

**Haas DS30SSY - New 2017 - Qty. (1)**

Twin Spindle, 1 Turrets, Live Tools, Y Axis, RPM-3500, 30 HP, 3.0" Dia. Bar Capacity

**Hwacheon QCUTEX 180BL - New 2020 - Qty (1)**

Twin Spindle, 1 Turrets, Live Tools, Y Axis, RPM-4500, 20 HP, 2.5" Dia. Bar Capacity

**Machining Centers**

**Makino A61nx - New 2015 - Qty (1)**

Horizontal machining center, 14,000 RPM Spindle

**Haas VF 3 - New 2017 - Qty (1)**

Table Size - 42" x 18", Working Envelope - 40" x 20" x 16", 15 HP, 12000 - RPM

**Haas VF 3 - New 2004 - Qty (1)**

Table Size - 42" x 18", Working Envelope - 40" x 20" x 16", 15 HP, 7500 - RPM

**Haas Mini-Mill - New 2004 - Qty (1)**

Table Size - 16" x 12", Working Envelope - 16" x 12" x 10", 7.5 HP, 6000 - RPM

**FANUC Robodrill - New 1999 - Qty (1)**

High Speed Drilling and Tapping Machine, Axis Travel - 20" x 15" x 12", 14 Tools, Table - 25.6" x 15", 8000 - RPM,  
7.5 HP

## **Swiss Turn Lathes**

**Citizen Cincom M32 – New 2000 – Qty. (1)**

*Can flexibly deal with any processing, Full servosystem with 13-axis in total, 6,000 - RPM, 32mm (1-1/4") max. Dia.*

**Citizen Cincom M32 – New 2013 – Qty. (1)**

*Can flexibly deal with any processing, Full servosystem with 13-axis in total, 6,000-RPM, 32mm (1-1/4") max Dia.*

**Citizen Cincom L32X – New 2017 – Qty. (1)**

*Can flexibly deal with any processing, Full servosystem with 13-axis in total, 6,000-RPM, 32mm (1-1/4") max Dia.*

**Citizen Cincom L32X LVF – New 2021 – Qty. (1)**

*Can flexibly deal with any processing, Full servosystem with 13-axis in total, 6,000-RPM, 32mm (1-1/4") max Dia*

**Citizen A32– New 2010 – Qty. (1)**

*32mm Max. Dia.*

**Citizen Cincom L20 – New 2002 – Qty. (2)**

*20 mm Max Dia.*

**Citizen Cincom L20VIII LVF – New 2020 – Qty. (1)**

*20 mm Max Dia.*

**Hanwha XD20H – New 2008 – Qty. (1)**

*20 mm Max Dia.*

**Hanwha XD20H – New 2011 – Qty. (1)**

*20 mm Max Dia.*

**Hanwha XD20II – New 2018 – Qty. (1)**

*20 mm Max Dia*

**Hanwha XD20II – New 2020 – Qty. (1)**

*20 mm Max Dia*

**Hanwha XD20II – New 2021 – Qty. (1)**

*20 mm Max Dia*

**Hanwha XE20 – New 2021 – Qty. (1)**

*20 mm Max Dia*

**Citizen A16 – New 2005 – Qty. (1)**

*16 mm Max. Dia.*

**Citizen B12 - New 2005 – Qty. (1)**

*12 mm Max. Dia.*

**INSPECTION EQUIPMENT**

*Spark MVP Vision Measurement System – New 2017*

*IM Vision System – New 2013*

*CMM – Browne & Sharp Reflex - New 1997*

*CMM – Browne & Sharp Reflex – New 2005*

*CMM – Fowler – New 2021*

*Profilometer – Federal Pocket Surf*

*Profilometer – Mitutoyo SJ-410*

*Optical Comparator – Deltronic*

*Misc. Inspection Equipment (mostly Mitutoyo)*

*Micrometers, Calipers, Depth Micrometers, Bore Gages, Pressure Mics, Gage Pins, Gage Blocks,  
Thread Rings, Thread Plate Gages*