

Equipment List

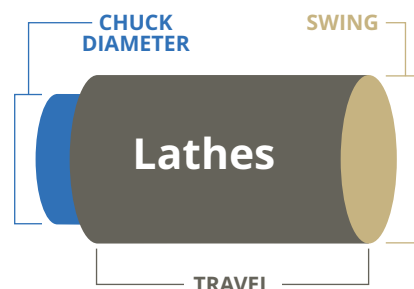


PRECISION CNC EQUIPMENT

Greno Industries offers complete machine shop services with a wide range of capabilities; from our precision CNC equipment to export packaging. We progressively enhance our capabilities with equipment upgrades and the latest in software to provide the best in quality and price. The list below contains our current machines and stats, but we are always improving and adding to our list of capabilities. Please do not hesitate to call us if your needs are outside the parameters listed.

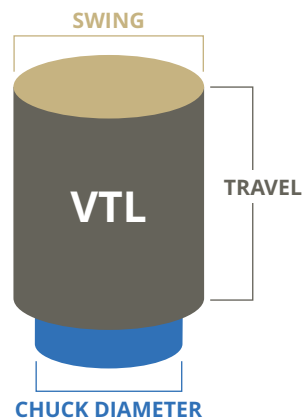
Lathes

Manufacturer / Model	Chuck Dia	Swing	Travel Z
Okuma LOC650-4 Axis Simulturn	36	38	80
Okuma L470BB	15	18.9	50
• Okuma LU7000EX	Ø33.5	35.43	78.74
• Mazak Nexus 400-11M	15	20	80
Mazak Nexus 350-11	15	15	60
Mazak Quickturn 28M	10	15	40
• Mazak QT Smart 200M	8	14	21
• Mazak QT Smart 250M	10	25.98	19.60
• Mazak QT Smart 350M	12	18.35	50
• Mazak QT Nexus 450-11M	18	33.27	80
2 - Puma 3100-Dual Spindle	12	17	54
Harrison Alpha 550	15	22	120
Turnmaster – manual	15	21	80
Warner Swasey 4A Manual Turret	24	29.5	67.5
Kingston HD-2290	15	20	96"



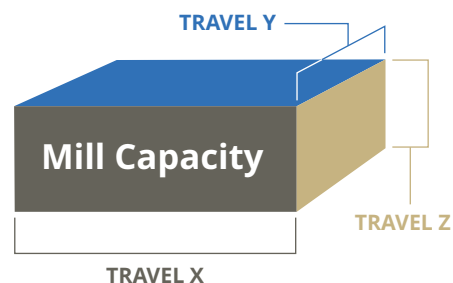
VTL

Manufacturer / Model	Chuck Dia	Swing	Travel Z	Rail Clearance
New Century – CNC 76 (Live Tooling)	76	80	23	66
King – CNC 72	72	80	37	46
Toshiba 80" VTL (Live Tooling)	78	94.49	35	60"



Mills

Manufacturer / Model	Travel X	Travel Y	Travel Z
Mazak FH880 CNC HMC w/12 pallet robotic work cell (4 Axis)	51	43	38
Mazak Nexus 510C (4 Axis)	41	20	23
Mazak FJV-35/80 CNC VMC w/pallet changer	78.5	31	23
Mazak VTC 20B CNC VMC	41	20	20
Mazak VTC-Ez-25	41.3	20.1	20.1
Mazak 705E	80	27.56	28.35
DN DVF 5000 2nd Gen VMC (5 Axis)	25.6	20.5	18.9
Bridgeport	48	14	19
Bridgeport	42	14	19"



CERTIFICATES

AS9100:2016 (REV D) Quality management System certified by DQS

ISO9001:2015 Quality management System certified by DQS

NeLMA 2017 Annual Certification of compliance to regulations for IPPC International Standards for Phytosanitary Measures as directed by International Plant Protection Committee's ISPM 15 Guidelines for Regulating Wood Packaging Material in International Trade.

WBE by Supplier Clearinghouse for the Utility Supplier Diversity Program of the California Public Utilities Commission.

WBENC: Women's Business Enterprise National Council Certification for Women's Business Enterprise (WBE Certification)

WOSB: Woman Owned Small Business Certification, certified by WBENC

REGISTRATIONS

ITAR – International Traffic in Arms Regulations

OASIS – Online Aerospace Supplier Information System

SAM/SBA – The System for Award Management Administrator



Grinding

Kent 12" x 24" surface

Welding

Miller Dynasty 350 amp TIG

Miller 300 amp TIG (2)

Miller Semi-auto 400 amp TIG

Miller (2) MIG Welders (350P)

Hobart MIG

Lincoln Stick

LTEC plasma cutter

Saw

Doall Vertical 20w" X 21h"

Behringer 14.5w" X 14.5h"

Hem Saw Horizontal 20w" X 18h"

Hyd-Mech S20 18w" X 12h"

Gun Drilling

Dehoff 60" Gun drill

Dehoff 24" Dual Head Gun drill

Misc.

Sunnen- Precision Hone Center

NDT cell (MAG, UT, Liquid pen)

Electra Vacuum Furnace w/Honeywell Controllers
15"H x 18"W x 36"D

Thermcraft Box Furnace with Eurotherm 3004
Controller 72"H x 48"W x 48"D

Dake Hydraulic Press

Parlec Presetter

Lapmaster 15" Lapper

Pressure Tester 2,000 PSI Hydro Pressure Tester

Inspection

Thermally controlled QC inspection room

Kodak Optical comparator

Calibrated hand inspection tools

Faro Arm 7 Axis Quantum 8 Foot Reach Portable
Measurement Device

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