



# Maven Engineering Corporation

## EQUIPMENT LIST

MILLING MACHINES					
	X-Axis Travel	Y-Axis Travel	Z-Axis Travel	Spindle Speed (RPM)	Accessories
<b>Enshu EV-650 50 Taper</b>	40	25	24	6,000	--
MORI SEIKI SV-50B/40 Taper	31	20	20	10,000	4" Axis
OKK VMF III 40 Taper	46	20	20	10,000	--
<b>CNC 2017 HAAS VF2 40 Taper</b>	30	16	20	10,000	--
CNC 2018 HAAS VF2 40 Taper	30	16	20	8,100	4 <sup>th</sup> Axis
CNC 2019 HAAS VF4-SS 40 Taper	50	20	25	12,000	4 <sup>th</sup> Axis Auto Door

INSPECTION EQUIPMENT	
Faro Arm	Edge
Optical Comparator	Mitutoyo
Surface Plate 48 x 72 x 10	Standridge
Surface Plate 18 x 24 x 3	--
Height Stand	Mitutoyo
Push Pull Scale	Chatillon
AC/DC/IR Tester	Vitrek

We also have a large range of Blocks, Calipers, Micrometers, Pins, Ring Gages, Radius Gages and Thread Gages. Calibration Method and Acceptance Criteria are per ANSI/NCCL Z540-1 or equivalent.

GRINDING MACHINES		
	X-Axis Travel	Y-Axis Travel
<b>Surface Grinder Favretto TA 90</b>	35	12

TURNING EQUIPMENT		
<b>2020 HAAS ST25 LATHE</b>	10" CHUCK 22.5" TO TAILSTOCK	Accessories
Control	HAAS	Bar Feeder
Chuck Size	10"	Auto Door
Max Part Swing	21"	Automatic Parts Catcher
Max Cutting Diameter	15"	--
Max Cutting Length	22.5"	--
Bar Capacity	3"	--
Travels X-Axis	8.4"	--
Travels Y-Axis	22.5"	--
Feedrate Rapids on X	945ipm	--
Feedrate Rapids on Z	945ipm	--
Axis Motors Max Thrust X	4100lbf	--
Axis Motors Max Thrust Z	5100lbf	--
Turret Number of Tools	12	--
Spindle Speed	3400 RPM	--
<b>MANUAL LATHE OKUMA</b>	10" CHUCK 32" TO TAILSTOCK	
<b>CNC LATHE 1998 MORI SEIKI SL-65A</b>		
Control	FANUC MF-T6	
Swing Over Bed	35"	
Swing Over Cross Slide	22"	
Between Centers	35.4"	
Max Machine Diameter	32.5"	
Spindle Speeds (3 Ranges)	10-1800 RPM	
Spindle Speed Low (1 <sup>st</sup> Range)	93-280 RPM	
Spindle Speed Medium (2 <sup>nd</sup> Range)	220-660 RPM	
Spindle Speed High (3 <sup>rd</sup> Range)	600-1800 RPM	
<b>DAINICHI F25 CNC LATHE</b>	10" CHUCK 32" TO TAILSTOCK	
Control	FANUC 21T	
Swing Over Bed	19.7"	
Max Machine Diameter	11.8"	
Max Machine Length	22.4"	
Bar Capacity	2.5"	

**ADDING** Under MILLING MACHINES:

SMTCL TC – 500 30 TAPER	19.5	15.75	11.75	15,000 RPM	-
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Everything boxed in RED can be removed

Everything else can be kept the same.