

# POLCRAFT MACHINES AND EQUIPMENT

## CNC MILL DEPARTMENT

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<b>MATSUURA MX-850 5-AXIS</b>	(1 EACH)	35.43" x 30.70" x 25.59" Travel 12,000 RPM Spindle Speed 40 m/min Rapid Traverse X/Y/Z 17/33 min Rapid Traverse A/C 1,100 lb. Loading Capacity 1.1/sec Tool Changing Time
<b>MILL-DMG-MORI 1035 V ECOLINE BM</b>	(4 EACH)	12,000 RPM Spindle Speed 20 Tool Changing station 30 m/min Rapid Traverse Direct distance measurement system Centrally lubricated recirculating roller guideways for high long-term –precision 3D control system technology: DMG MORI SLIMline® panel 15"
<b>VERTICAL – YAMA- SEIKI BM – 1600</b>	(1 EACH)	63.0" x 31.5" x 31.5" Travel 15,000 RPM Spindle Speed 15HP Spindle Motor Direct Drive Spindle Configuration FANUC Oi-MD / 31i-MB Controls
<b>HAAS VF2</b>	(2 EACH)	30.0" x 20.0" x 20.0" Travel 8,000 RPM Spindle Speed 30HP Spindle Motor LCD Screen 20 Tool Changer Haas Controls

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## CNC LATHE DEPARTMENT

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<b>LATHE-NAKAMURA – TOME AS-200 L</b>	(1 EACH)	Machine tool with Y-axis & Milling function Y-axis Stroke: 82mm Milling function: 5.5/3.7kw, spindle speed: 6000min-1 Strong spindle motor: 15/11kw High speed index X-axis: 24m/min, Z-axis:36m/min, C-axis: 600min-1. Turret: Max dodecagonal drum turret(Max.24station) or 15station Dodecagonal drum turret: 12 Pentadecagonal drum turret: 15
<b>LATHE-NAKAMURA – TOME SC-250</b>	(1 EACH)	Massive 45 Degree slant bed 15/11kW Wide-Range motor Quicker 'Non-lift' turret indexing Box type slides and rigid turret Bar capacity 51mm All FANUC, CNC control and servo drives. Dodecagonal 12 station turret

## MANUAL MILL / LATHE DEPARTMENT

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<b>BRIDGEPORT</b>	(3 EACH)	Accurite Millmate Controls 32.8" x 11.1" x 5.0" Travel 3,000 RPM Spindle Speed 3HP Spindle Motor
<b>HARDINGE HLV</b>	(2 EACH)	Accurite III Controls Max turning Diameter 6.0" 24.0" x 6.0" Travel 3,000 RPM Spindle Speed 1.5HP Spindle Motor
<b>CLAUSING-COLCHESTER 15</b>	(1 EACH)	Max turning Diameter 12.0" 48.0" x 12.0" Travel Fagor Pro Controls 2,000 RPM Spindle Speed 7.4HP Spindle Motor

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## GRINDING DEPARTMENT

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<b>OKAMOTO 8.20</b>	(1 EACH)	Okamoto Controls 18.0" x 8.0" x 15.7" Travel 3,600 RPM Spindle Speed 2HP Spindle Motor
<b>OKAMOTO 6-12/14</b>	(1 EACH)	Sony Pro Controls 12.0" x 8.0" x 10.0" Travel 3,600 RPM Spindle Speed 2HP Spindle Motor
<b>DOALL DH-612</b>	(1 EACH)	12.0" x 8.0" x 8.0" Travel 3,450 RPM Spindle Speed 1HP Spindle Motor
<b>MITSUBISHI HIGH-TEC</b>	(1 EACH)	18.0" x 9.0" x 15.0" Travel 3,600 RPM Spindle Speed 2HP Spindle Motor

## EDM DEPARTMENT

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<b>EDM-MITSUBISHI MV 2400 R</b>	(1 EACH)	Travel: 23.6 x 15.7 x 12.2 Submerged Machining to 12.2" Deep New M700 Series Control 15" Touch Screen Non-contact Cylindrical Drive Technology All Fiber Optic servo control
<b>CURRENT EDM – DRILL (ST300)</b>	(1 EACH)	EDM Drill 12.0" x 8.0" x 10.0" Travel
<b>MISTUBISHI EX-8 – SINKER</b>	(1 EACH)	Sinker EDM 11.8" x 9.8" x 9.8" Travel

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## ADDITIONAL EQUIPMENT

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***HYD-MECH S-20 – SAW*** (1 EACH)

***DAKE JOHNSON VH-24 – SAW*** (1 EACH)

***CMM: B-231 – INSPECTION*** (1 EACH)