

TURNING, GENERAL:

- (1) Axelson Engine Lathe (Equipped with Newall Digital Readout In X & Z Axis)
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|-------------------------------|------------|
| Swing Over Bedways..... | 32 ½” |
| Swing Over Cross Slide..... | 23” |
| Distance Between Centers..... | 102” |
| Spindle Bore..... | 3” |
| Power To Spindle..... | 30 HP |
| Speed Range..... | 11-1600RPM |
- (2) TARNOW TUJ50M ENGINE LATHE (Equipped with Newall Digital Readout In X & Z Axis)
- | | |
|-------------------------------|------------|
| Swing Over Bedways..... | 22” |
| Swing Over Cross Slide..... | 14 ½” |
| Distance Between Centers..... | 80” |
| Spindle Bore..... | 3 ½” |
| Power To Spindle..... | 15 HP |
| Speed Range..... | 11-1600RPM |
- (3) VICTOR S2040E ENGINE LATHE (Equipped with Sony Magnescale Digital Readout In X & Z Axis)
- | | |
|-------------------------------|------------|
| Swing Over Bedways..... | 20” |
| Swing Over Cross Slide..... | 11 ½” |
| Distance Between Centers..... | 40” |
| Spindle Bore..... | 3 ¼” |
| Power To Spindle..... | 10 HP |
| Speed Range..... | 15-1500RPM |
- (4) WEBB 17 ENGINE LATHE (Equipped with Sony Magnescale Digital Readout In X & Z Axis)
- | | |
|-------------------------------|------------|
| Swing Over Bedways..... | 17 1/8” |
| Swing Over Cross Slide..... | 9 ¾” |
| Distance Between Centers..... | 40” |
| Spindle Bore..... | 2 3/64” |
| Power To Spindle..... | 7 ½” HP |
| Speed Range..... | 15-1500RPM |

- (5) Kingston HD26120 (Equipped with Newall Digital Readout In X & Z Axis)

Swing Over Bedways.....	26”
Swing Over Cross Slide.....	17 ½”
Distance Between Centers.....	120”
Spindle Bore.....	4.0”
Power To Spindle.....	15 HP
Speed Range.....	13-1200RPM

- (6) VICTOR CH-430 Model 1740T ENGINE LATHE (Equipped with Sony Magnescale Digital Readout In X & Z Axis)

Swing Over Bedways.....	17”
Swing Over Cross Slide.....	9 5/8”
Maximum Longitudinal Travel.....	40”
Spindle Bore.....	2.132”
Power To Spindle.....	5 HP
Speed Range.....	1800RPM

MILLING, VERTICAL:

- (1) SHARP KMA-2 VERTICAL MILL (Equipped with Sony Magnescale Digital Readout In X, Y, & Z Axis)

Table Size.....	18” X 75”
Table Longitudinal Traverse.....	47”
Vertical Travel.....	25”
Table Cross Travel.....	18”
Main Motor.....	15 HP

- (2) WEBB 5VHL VERTICAL MILL (Equipped with Sony Magnescale Digital Readout In X, Y, & Z Axis)

Table Size.....	12” X 50”
Table Longitudinal Traverse.....	32”
Vertical Travel.....	17 ½”
Table Cross Travel.....	16”
Main Motor.....	5 HP

- (3) PROMILL PM-2V TURRET MILLING MACHINE (Equipped with Sony Magnescale Digital Readout in X and Y Axis)

Table Size.....	9" x 42"
Table Longitudinal Traverse.....	25 ¼"
Vertical Travel.....	17"
Table Cross Travel.....	11"
Main Motor.....	3 HP

- (4)PROMILL PM-5V VERTICAL MILLING MACHINE (Equipped with Newall Digital Readout in X, Y and Z Axis)

Table Size.....	10" x 54"
Table Longitudinal Traverse.....	34 ½"
Vertical Travel.....	14 ¾"
Table Cross Travel.....	16"
Main Motor.....	5 HP

MILLING, HORIZONTAL:

- (1) KEARNEY & TRECKER HORIZONTAL MILL (Equipped with Programmable Digital Readout In X, Y, & Z Axes)

Table Size.....	15" X 76"
Table Longitudinal Traverse.....	43"
Table Cross Traverse.....	14.25"
Vertical Travel.....	19.50"
Main Motor.....	15 HP

- (2) UNION 4" HORIZONTAL BORING MILL (Equipped with Heidenhain Digital Readout In X, Y, & Z Axes)

Table Size (Complete Rotation w/Optics).....	49" X 55 1/2"
Head Stock Vertical Traverse.....	49"
Table Cross Traverse.....	163"
Maximum Table Weight.....	6700 ^{lb}
Main Motor.....	15 HP

DRILLING:

- (1) YUASA DRILL AND TAP MACHINE

Throat.....	10"
Maximum Height.....	40"
Table.....	13" X 20"

SAWING:

- (1) KALAMAZOO H 10A Horizontal Band Saw with Bar Feed

Fully Automatic	Hydraulic Down Feed
3 HP	Hydraulic Tension
10" Capacity	

OTHER:

- (1) MORRISON KEYSEATER

Keyway Range.....	1/16" to 1-1/4"
Maximum Length of Keyway.....	15"
Maximum Diameter of Work Piece.....	25 1/2"
HP.....	2 HP Gear Drive

(2) STENHOJ 100 TON PRESS

Distance Between Columns.....43"
Distance Between Table & Ram.....30"

(3) PIRANHA P- 50 TON IRON WORKER

Punch - Plate.....3/4" Max Sheer - Plate.....5/8" X 14"
Sheer - Angle.....4 X 4 X 1/2" Sheer - Bar.....1 1/2"

(4) KENT SGS-1230 AHD SURFACE GRINDER

Automatic Longitudinal, Cross and Vertical Feeds

Maximum Width..... 12"
Maximum Length.....30"
Maximum Height..... 14"

(5) Cincinnati Bickford Radial Arm Drill Press

ARM.....4'
HP..... 7 1/2 hp
Column Diameter..... 13"

(6) #13 BROWN & SHARPE UNIVERSAL TOOL & CUTTER GRINDER

Model	#13
Maximum Work Swing	8"
Center Distance (headstock/tailstock)	24"
Maximum Grinding Length	15"
Grinding Wheel Speed	5150 RPM
Headstock Speeds	128/195/325/540 RPM
Table Speeds	(6) 7-3/4 TO 100 IPM
Vertical Wheel Spindle Adjustment	8-3/8"

WELDING CAPABILITIES:

MIG Welding (GMAW)

Miller Millermatic 2502 machines available

ARC Welding (SMAW)

Miller Dialarc 250 2 machine available

HeliArc / ARC (SMAW) / TIG (GTAW) Welding

Miller Syncrowave 2501 machines available

Plasma Cutting System

Hypertherm Plasma Cutter..... 1 machine available

Maximum Tilt:15°

Maximum Cutting Capacity: 1 ½“

QUALITY CONTROL

Our Quality Assurance program is designed to meet the requirements of MIL-Q-1-9858A with Inspection System Requirements to MIL-I-45208A and Calibration System Requirements to STD-45662.