

GENERAL MATERIAL CAPACITIES

Sheet Metal ($\frac{1}{4}$ " and lower gauge)

Cutting to 10' lengths

Forming to 8' lengths

Includes carbon steel, stainless steel, and aluminum

Round Material

Cutting to 13" diameter

Turning to 10" diameter

Milling and drilling to 15" diameter

Includes carbon steel, alloy steel, stainless steel, aluminum, copper, brass, and plastics

Bar & Structural Material

Rectangular to 10x14"

Holes and slots in length to 48"

Bending $\frac{3}{8}$ " to 10" widths, $\frac{1}{2}$ " to 5" widths

Includes carbon steel, alloy steel, stainless steel, aluminum, copper, brass, and plastics

EQUIPMENT LIST

Turning Centers

HAAS ST-25 SERIES CNC LATH (2015)

30 HP / 10" Swing / 30-3400 RPM2 / $\frac{1}{2}$ " Bar feed capacity

YAM GREEN CK-2 CNC LATH (1985)

15 HP / 18" Swing x 16" Centers / 30-3500 RPM

YAM WHITE CK-2 CNC LATH (1984)

15 HP / 18" Swing x 16" Centers / 30-3500 RPM / 1 $\frac{1}{2}$ " Bar feed capacity

Machining Centers

HAAS VF-2: 4 AXIS MACHING CENTER (1993)

7.5 HP / Table 14x36" – 750 lb.

Travel X@30" / Y@15" / Z@20" / A@360°

HAAS VF-2: 3 AXIS MACHING CENTER (2013)

30 HP / Table 14x36" – 750 lb.

Travel X@30" / Y@15" / Z@20"

Knee Mills

ACRA – KNEE MILL- 3 AXIS SERVO II SYSTEM

SUPER MAX KNEE MILL - 3 AXIS SERVO II SYSTEM

SUPER MAX KNEE MILL16MS - 3 AXIS CRUSADER II SYSTEM

SUPER MAX KNEE MILL - 3 AXIS CRUSADER II SYSTEM

LINCOLN MANUAL KNEE MILLING MACHINE w/ Digital Readout

Sheet Metal Equipment

CINCINNATI 1810 MECH. SHEAR

¼" x 10' Capacity

GUIFIL HYDRAULIC PRESS BRAKE

38.5 Tons/ 14 Ga. x 5' Capacity

ACCURPRESS PRESS BRAKE Model 7608 (1993)

60 Ton, 8' Bed Length

IRON CRAFTER Model 41/41

40 Tons / Hydraulic shear-punch

Shear 5/8 x 6" / 1 ¼" Round / 1" Square

Punch 2" stroke / 1" hole x ½" mild steel

IRON CRAFTER Model 20/20

20 Tons / Hydraulic shear-punch / sheet metal corner rounding die

BOSCHERT POWER NOTCHER Model PN-4

Notching mild steel 3/16" / stainless steel .118" (3mm)

TOG-L-LOC (sheet metal joining system; capacity to 12 Ga.)

Round/Rectangular Bar Equipment

PEERLESS AUTOMATIC CUT-OFF SAW

Cutting capacity 10x14" or 13" round

24" index stroke +/- .005; multi stroke capacity

KNUTH SEMI-AUTOMATIC BAND SAW Model HB 320 BS

Cutting Capacity: 90° = ∅ 12.5", 24 x 12.5" rectangular, 12.5" square

45° = ∅ 12.5", 14 x 12.5" rectangular, 12.5" square

30° = ∅ 10", 11 x 7.5" rectangular, 8.5" square

JET VBS 1610 MANUAL BAND SAW

Table 22 x 24", Max cut 10 x 15 1/2"

PARMA MFG. WORK-A-MATIC BAND SAW

1 1/2 HP / 19 1/4" throat / 12" height clearance / 11" table feed travel

DO-ALL COUTOUR MACHINE BAND SAW

26 x 26" table / 12" height clearance

WELLS 8M42 MANUAL BAND SAW

3/4" Blade / Cap. 10" Dia.

LINCOLN PROCUT 55 PLASMA CUTTER

1/2" Capacity @ 28 IPM

3/4" Capacity @ 13 IPM

FEELER S600B DRILL PRESS

1 1/2 HP / 1 1/2" drill cap. / 1 1/4" UNC Tap

CLAUSING 20 DRILL PRESS

1 1/2 HP / 2 Speed Motor / 150-2000 Var. RPM / Table 22 x 19" / 1 1/2" Capacity

KNUTH SSB-50F SUPER COLUMN DRILL PRESS (2015)

2" Drilling Capacity / M30 Tapping Capacity / 3 HP

EUROMAC PB-350 HYDRAULIC HORIZONTAL BENDING MACHINE

4 HP / 35 Tons / 9.80" Stroke / 1/2" x 2 3/4" Material Capacity

ACER 818AHP SURFACE GRINDER – FULLY AUTOMATIC

3 HP / 3450 RPM / Table 8" x 18" / Travel 18" x 9" x 18" / Magnetic Chuck

ACRA-TURN TOOL ROOM LATHE 16 x 40

16" Dia. / 40" Long

Welders

LINCOLN ELECTRIC Power Wave 355M, Power Fed 10M (.035 Wire)

LINCOLN ELECTRIC "INVERTER POWER WAVE 450" w/ Synergetic 7 Wire Feed (.035 Wire)

LINCOLN DC-400 W/LN7Feeder (.045 Wire)

LINCOLN Power Mig 300 / Stainless Steel Wire (.035 Wire)

LINCOLN Precision Tig 275, AC/DC TIG Welder

MORGAN DENVER 30 AO-24 Spot Welder, 20 KVA / Water cooled (Linde WC-54)