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CLOSE TOLERANCE WORK

.0003 thru .020 tolerances

MANUFACTURING PROCESSES

Sawing	EDM
Welding/Weldments	Surface Grinding
Turning	O.D.I.D Grinding
Threading	Jig Grinding
Boring	Heat Treating
Milling	Plating
Drilling	Sandblasting
Tapping	Painting

MATERIALS MACHINED

Mild Steel	Brass
Alloy Steel	Plastics
Tool Steel	Stainless Steel
Aluminum	Copper
Cast Iron	Magnesium

MACHINING CENTERS

HAAS VF-2 VERTICAL MACHINING CENTER

x Axis 30" Travel
y Axis 16" Travel
z Axis 20" Travel
14" x 36" Table

VERTICAL MILLING MACHINES

1 - TRAK DPM 3 AXIS CNC

x Axis 31" Travel
y Axis 17" Travel
10" x 50" Table

3 - TRAK K 3 2 AXIS CNC KNEE MILL

x Axis 32" Travel
y Axis 16" Travel
10" x 50" Table

1 – EAGLE 300 3 AXIS CNC MILL

1100 Anilam Controls
x Axis 32" Travel
y Axis 14" Travel
10" x 50" Table

4 – BRIDGEPORT MILLS

Readouts
30" x Axis
12" y Axis

HORIZONTAL BORING MILLS

43H72 DEVLIEG JIG MILL CNC

with Heidenhain Control
TNC – 310 Control
72" Horizontal Travel
60" Vertical Travel
4" Diameter Spindle
35" x 72" Table
26" x 26" DeVlieg Air Lift Turntable

43K72 DEVLIEG JIG MILL CNC

with Heidenhain Control
TNC – 310 Control
72" Horizontal Travel
48" Vertical Travel
4" Diameter Spindle
35" x 72" Table
30" x 40" DeVlieg Air Lift Turntable

117 SUPER MILL (Horizontal Floor Type)

Boring Mill
144" Horizontal Travel
70" Vertical Travel
4" Diameter Spindle, 36" Travel
47" x 142" Table

41B-48 LUCAS (Horizontal Floor Type)

Boring Mill
48" Horizontal Travel
36" Vertical Travel
48" Saddle Travel
3" Diameter Spindle, 20" Travel
34" x 62" Table

3-B DEVLIEG JIGMIL

48" Horizontal Travel
36" Vertical Travel
3" Diameter Spindle
30" x 48" Table

TURNING MACHINES

TRAK TRL 1840 CSS CNC LATHE

18" Swing Over Bed
9" Swing Over Cross Slide
40" Max. Work Piece Length
Equipped with 3 Jaw Chuck
Collect Chuck

LEBLONG REGAL ENGINE LATHE

18" Swing Over Bed
12" Max. Swing Over Cross Slide
72" Max. Work Piece Length

LION CHMT ENGINE LATHE

20" Swing Over Bed
12" Max. Swing Over Cross Slide
40" Max. Work Piece Length

PRATT & WHITNEY ENGINE LATHE

16" Swing Over Bed
10" Max. Swing Over Cross Slide
54" Max. Work Piece Length

GRINDING MACHINES

MATTISON SURFACE GRINDER

14" x 60" Magnetic Chuck
13.5" Max. Grinding Height

NORTON SURFACE GRINDER

6" x 18" Magnetic Chuck
9" Max. Grinding Height

NORTON O.D. GRINDER

14" Max. Dia. Swing
36" Max. Grind Length

NORTON SURFACE GRINDER

8" x 24" Magnetic Chuck
9.25" Max. Grinding Height

PARKER MAJESTIC MODEL #1 I.D. GRINDER

12" Max. Dia. Swing
24" Table Travel
5" x 42" Table

SUNNEN HONE MBB-1250

INSPECTION EQUIPMENT

BROWN AND SHARPE TESE-HITE ELECTRONIC DIGITAL

Height Gage 24"
36" x 60" Granite Surface Plate
Digital Height Gages
Micrometers
Gage Blocks
Bore Gages
Cylinder Square
Wilson 3JR-BB Rockwell Hardness Tester

BROWN AND SHARPE MODEL 2000 CMM

TOOLING & SUPPORT EQUIPMENT

30" x 40" DeVlieg Airlift Rotary Table
26" x 26" DeVlieg Airlift Rotary Table
20" Dia. Airlift Rotary Table
32" x 32" Rotary Table
12" x 18" Rotary Table
Angle Plates
Vee Blocks
Right Angle Heads
Angle Vise
Bridgeport Shaping Attachment 3.5" Stroke
16' x 30" (2) pc. DeVlieg Angle Plates Set

TRANSPORTATION EQUIPMENT

Chevy 2500 HD Pickup
16 ft. Flat Bed Trailer

MATERIAL HANDLING

5 Ton Jib Crane
3 Ton Jib Crane
Forklift 3000 lbs.
Forklift 8000 lbs.

FABRICATING EQUIPMENT

Miller Deltaweld 300 Wire Welder
Lincoln R3S-250 Wire Welder
Lincoln 350 amp Arc Welder
Miller Thunder Bold ac/dc Welder 230 amp
Gas Welder
4 ft. x 8 ft. Steel Weld Table with Angle Plates
Kalamazoo Horizontal Band Saw 8" x 15"
Roll-in Vertical Band Saw 14 ½" x 9"
Capacity
Vertical Band Saw 12" x 34"
Everett Cut-Off Saw 16"
Dake Arbor Press 1 – 1/2B 3 Ton
Vertical Hydraulic Press 20 Ton
Ridgid Pipe Threading Machine 2" Cap
20" Disc Sander
Belt Sander 4" x 16"
Cabinet Sandblaster 38" x 48" x 30"
15 hp. Air Compressor
10 hp. Air Compressor
(2) 8" Bench Grinders
4 ½" Angle Grinders
9 " Angle Grinder
Misc. Air Grinders
1 Ton Jib Crane