

**West Point Industries
ISO 9001:2015 Certified
Listing of Equipment Available at Site**

FOUNDRY CAPABILITIES

PATTERN

IN HOUSE PATTERN SHOP FOR WOOD TOOLING
PATTERN WAREHOUSE-35,000 FT²

ELECTRIC MELT

INDUCTOTHERM POWER-TRAK 1250-5 CR
Rating 1250 KW
700 Hertz
(2) 4,000 Pound Furnace Coils

MOLDING/CORE ROOM

TINKER OMEGA
Model TOM-250
No Bake – PepeSet Molding

PALMER MANUFACTURING

Model M200
No Bake – PepSet Molding

CLEANING

RotaBlast
Shot Blast Booth
Snag Grinder
(4) Grinding Stations

TESTING CAPABILITIES

MELTLAB SOFTWARE
SPECTROGRAPH
TENSILE TESTING MACHINE AND EXTENSOMETER
BRINELL HARDNESS

MACHINE SHOP CAPACITIES

CNC MILLING CAPABILITIES:

DOOSAN DBC-130L
X-AXIS TRAVEL (TABLE CROSS TRAVEL)..... 157.5"
Y-AXIS TRAVEL (SPINDLE VERTICAL TRAVEL).. 98.4"
Z-AXIS TRAVEL (COLUMN IN AND OUT TRAVEL). 78.7"
W-AXIS TRAVEL (SPINDLE TRAVEL)..... 27.6"
MAXIMUM WORK DIAMETER..... 172.2"

OKK – HM100S HORIZONTAL MACHINING CENTER (CNC)
40 HORSEPOWER MOTOR

39.37" X 39.37" TABLE
55.12" X AXIS TRAVEL
43.31" Y AXIS TRAVEL
39.37" Z AXIS TRAVEL
35 TO 8000 RPM SPINDLE

HAAS VF-3YT-50 VERTICAL
30 HORSEPOWER MOTOR
52" X 23" TABLE
40" X AXIS TRAVEL
26" Y AXIS TRAVEL
25" Z AXIS TRAVEL
7500 RPM SPINDLE

HAAS EC 1600YZT HORIZONTAL MACHINING CENTER (CNC)
30 HORSEPOWER MOTOR
64" X 36" TABLE
30" ROTARY PLATTER
64" X AXIS TRAVEL
50" Y AXIS TRAVEL
40" Z AXIS TRAVEL
6000 RPM SPINDLE

CNC TURNING CAPABILITIES (LATHES):

YAMA SEIKI(GOODWAY) - GV-1600 VERTICAL TURNING CENTER (CNC)
40 HORSEPOWER MOTOR
63" DIAMETER TABLE
78.84" MAX. SWING DIAMETER
70.86" MAX. TURNING DIAMETER
51.18" MAX. TURNING LENGTH
16 TOOL MAGAZINE ATC
2 – 250 RPM

YAMA-SEIKI (GOODWAY) – GS-4000L
18" 3-JAW HYDRAULIC CHUCK
24.4" MAX. TURN DIAMETER
30.3" MAX. SWING DIAMETER
12 TOOL STATIONS

DAEWOO - PUMA-400LB CNC LATHE
50 HORSEPOWER MOTOR
18" CHUCK 2000 MAX. RPM
28" SWING OVER BED WAYS
18.9" SWING OVER CARRIAGE
21.700 MAX. TURN DIA.
10 TOOL STATIONS
4.620 BAR CAPACITY
TURNING TOOL SHANK SIZE = 1-1/4" SQUARE
QUILL TRAVEL 4.700 INCH
QUILL DIA. = 4.700
QUILL BORE TAPER = MT#5 (BUILT IN)

DAEWOO – PUMA – 700, Fanuc 18i-T CNC LATHE
50 HORSEPOWER MOTOR
21” CHUCK
40” SWING OVER BED WAYS
31” SWING OVER CARRIAGE
35” MAX. TURN DIA.
12 TOOL STATIONS

HARRISON M500 ENGINE LATHE (JIGS & FIXTURES)
21" SWING OVER BED
14-1/2" SWING OVER CARRIAGE
60" BETWEEN CENTERS
3-1/8" SPINDLE THROUGH HOLE
SPEEDS FROM 31 RPM TO 1600 RPM

BROWN & SHARPE UNIVERSAL GRINDER (TOOLROOM)
1 HORSEPOWER MOTOR
1/4 HORSEPOWER WORK HEAD MOTOR
8" MAX. DIAMETER
20" MAX. LENGTH

BRIDEPORT SERIES II STD MILLING MACHINE
X-TRAVEL – 30”
Y-TRAVEL – 15”
Z-TRAVEL – 16”
QUILL TRAVEL – 5”
TABLE SIZE – 11” X 58”
SPEED – 50 TO 3500 RPM

NORTON 24H GEAR HOB
7.5 HORSEPOWER MOTOR
18" MAX. DIAMETER SWING
WILL CUT FROM 8 TEETH TO 184 TEETH

GOULD & EBERHARDT 48H
15 HORSEPOWER MOTOR
31" MAX. DIAMETER SWING
WILL CUT FROM 15 TEETH TO 400 TEETH

CINCINNATI BICKFORD SUPER SERVICE 24" DRILL PRESS
5 HORSEPOWER MOTOR
24" MAX. DISTANCE FROM COLUMN TO
CENTER OF SPINDLE
36" MAX. HEIGHT
10" MAX. SPINDLE TRAVEL
#4 MORSE TAPER SPINDLE
SPEEDS FROM 60 RPM TO 1000 RPM

CARLTON RADIAL DRILL #B1005
5 HORSEPOWER MOTOR

48" MAX. DISTANCE FROM COLUMN TO
CENTER OF SPINDLE
55-1/4" MAX. HEIGHT OF SPINDLE TO TABLE
#4 MORSE TAPER SPINDLE
SPEEDS FROM 40 RPM TO 2000 RPM

WILLIS – RD-750 RADIAL DRILL
2 HORSEPOWER MOTOR
21-7/16" THROAT DEPTH
#4 MORSE TAPER

DAVIS KEYSEATER #2
1 HORSEPOWER MOTOR
1/8" TO 1/2" KEYWAY CAPACITY

LANDIS BOLT THREADER
5 HORSEPOWER MOTOR
USED TO THREAD 1-1/4"-4 MODIFIED
SQUARE ADJUSTING SCREWS LH & RH.

STEWART-WARNER PRO-BAL SWH-2000 HARD BEARING BALANCING MACHINE
120" MAX. ROLL FACE
41" MAX. ROLL DIAMETER

QUALITY

SHEFFIELD CORDAX MEASURING MACHINE
MODEL 3000 W/ RENISHAW TOUCH PROBE RETROFIT
TABLE SIZE 37" X 26"

RENISHAW OMP60
RENISHAW 40-2
RENISHAW RMP60

MICROMETERS/CALIPERS
ID UP TO 56"
OD UP TO 60"

FABRICATION SHOP CAPACITIES

CERTIFIED TO:

AWS D1.1

AWS B2.1

AWS D14.1 - CERTIFIED TO -45 DEGREES CELSIUS

ASNT LEVEL II INSPECTION

MAGNETIC PARTICLE AND VISUAL INSPECTION

HYDRAULIC LOAD TESTING EQUIPMENT

WLL CERTIFICATION UP TO 140,000 POUNDS

HYD-MECH – M-16A AUTOMATIC HORIZONTAL BANDSAW

16" DIA CAPACITY

7-1/2" HORSEPOWER MOTOR

MARVEL MARK II UNIVERSAL BANDSAW SERIES 8

2 HORSEPOWER MOTOR

18" HORIZONTAL CAPACITY

22" VERTICAL CAPACITY

12-3/4" CAPACITY AT 45 DEG.

SPEEDS FROM 50 TO 450 RPM

ACCUR SHEAR – MODEL 850012 12' SHEAR

50 HORSEPOWER MOTOR

1/2" CAPACITY

12' CAPACITY LENGTH

WELDING STATIONS

(8) MIG WELDING STATIONS

(4) TIG WELDING STATIONS

(1) STICK WELDING STATIONS

AIRLINE PLANISHING MACHINE

44" MAX. WORK DIAMETER

11" MIN. WORK DIAMETER

72" MAX. WORK LENGTH

6" MIN. WORK LENGTH

TRUMPF NIBBLER

5-1/2 HORSEPOWER MOTOR

PACIFIC HYDRAULIC PRESS BRAKE

40 HORSEPOWER MOTOR

BENDING CAPACITY 3/8" X 15'6"

MAX. TONNAGE – 400

WEBB BENDING ROLLS

BENDING CAPACITY – 12' X 1/4"

ROUND O AB ANGLE BENDER

3" X 3" X 5/16" CAPACITY

PECK, STOW AND WILCOX BENDING ROLLS

4' X 16 GA. CAPACITY

REX SPOT WELDER

WHITNEY JENSEN - CORNICE BRAKE

10' X 14 GA. CAPACITY

WHITNEY JENSEN BENDING BRAKE

10' X 16 GA. CAPACITY

DO-ALL BAND SAW

35" THROAT LENGTH
15" HEIGHT

ZERO – BLAST 'N PEEN GLASS BEAD
37" X 38" X 50" CAPACITY

DELTA 16-1/2" FLOOR DRILL PRESS
3/4" HORSE POWER
5/8" CHUCK CAPACITY
66" HEIGHT