Facilities List

COMPANY PROFILE
EMPLOYEE TRAINING & EDUCATION

Celebrating Seventy-One Years of Quality

Visit us on the Internet at:
www.batesvilleproducts.com

Aluminum & Zinc Alloy Castings
Assembly
Engineering/Design Assistance
Polishing
CNC Machining
04-01-2016

"BATESVILLE PRODUCTS, INC."
Company Profile

Manufacturers of Custom Components & Assemblies Featuring the Permanent Mold Process

FOUNDED .......................................................... 1945 (Incorporated in 1956)
OWNED .............................................................. Private Family Owned
PERMANENT MOLD CASTING .................... Aluminum and Zinc; > 3 oz. To 110 lbs. Range

INDUSTRIES SERVICED:

Advertising  Aeronautical  Appliances  Automotive
Air Tool  Crane/Construction  Lab Equipment  Refrigeration
Automotive Aftermarket  Construction  Education  Emergency  Energy
Fire Apparatus  Floor Finishing  Food  Furniture  Government
Industrial Fans  Lasers & 3D Printing  Law Enforcement  Lighting
Machine Tool  Marine Products  Material Handling
Medical  Military  Railroad  Scientific Testing  Security Equipment  Specialty
Machinery  Sports Utility Vehicle  Technology  Trophy  Trucking

FACILITIES:

PLANT #1  " 35,000 sq. ft. (Secondaries)"
PLANT #2  " 45,000 sq. ft. (Casting Facility)"

PERSONNEL - 85 (Average length of Employment = 13 yrs.)

"CASTING MACHINES - 31"

"SECONDARY SERVICES - CNC Machining, CNC Turning, Vibratory De-burring,"
"  Slinger-Hanger Blast, Polishing, Buffing, Painting and Assembly."

"IN-HOUSE TOOL ROOM - Develop, Produce and Maintain Tooling/Dies"

QUALITY:

ISO 9001:2008 Certified
"Complete Process Documentation, Monitors Critical Features of Product, Supplies, Feedback"
And Corrective Action to Control Product and Process
Weekly Aluminum Melt Analysis
 Calibration in Compliance with ISO9001
Truck
Penske 18 FT SAD Medium Van  Unit # 133990

Polishing Department

1-Flat Stroke Belting Machines (with 2” x 132” sanding belts)
2-Polishing and Belting Lathes (with a max speed of 1800 Rpm and 2 work stations per lathe – 2” x 132” sand belts)
4-Buffing Lathes (with max speed of 2000 Rpm and 2 stations per lathe)
1 Harris Acy. And Oxygen Welding Outfit
Baldor Adjustable Speed Drive for Buffing Machine

1 – ¼ Ton HARRINGTON HOIST
1 Finishing Lathe (with max speed of 800 Rpm and 2 work stations)
1-Goff Machine Spinner Hanger 2448 with SSCW – with Farr Dust Collector
2-Polishing Stations
1-6” Time Saver Mini Belt Sander Thru Type
Conveyor Belt Dry Type
Belt Size 6” x 48”

Assembly Department

Various Arbor Presses
Various Torque Wrenchers/Screwdrivers

Automatic Helicoil Installer
1-Walkie Stacker Yale Fork Lift

Foundry

4 BPI 20x20 Reverse Tilt Pour Machine
2 BPI Reverse 30" x 30" Tilt Pour Machine Dedicated

B.P.I. Horizontal Press #8
Platten Size: 18x24

B.P.I. Horizontal Press #9
Platten Size: 12x24

B.P.I. Horizontal Press #10
Platten Size: 12x24

B.P.I. Horizontal Press #11
Platten Size: 12x24

B.P.I. Vertical Press #12
Platten Size: 12x24
Dual Controls on Press

B.P.I. Vertical/Horizontal Press #14
Platten Size: 12x18
Dual Controls on Press

(1) 2-Way Device
(1) 6-Way Device

B.P.I. Large Horizontal Press #15
Platten Size: 28x28

(6) Hall 3 HSX Tilt Pour Press
Platten Size: 34x48
Casting Catcher
Bottom Knockout

Hall 3 HSX Tilt Pour Press
Platten Size: 34x48
Casting Catcher, Bottom Knockout

Engelberg Belt Grinder
Serial #439B
Style 506

Herschal Shaker
Model D
Serial D-76625

Black & Decker 6" Bench Grinder
Serial #9231

Rockwell Vertical Band Saw #2
Model 20
Serial #1743421

Thermtronix Electric Aluminum Pot #1
Model SF2300  (2,300 lbs.)

Thermtronix Electric Aluminum Pot #2
Model SF2300  (2,300 lbs.)

Thermtronix Electric Aluminum Pot #3
Model SF2300  (2,300 lbs.)

Thermtronix Electric Aluminum Pot #4
Model SF2300  (2,300 lbs.)

Thermtronix Electric Aluminum Pot #5
Model SF2300  (2,300 lbs.)

Thermtronix Electric Aluminum Pot #6
Model SF3000 (3000 lbs)

#1 Johnson Gas Furnace Zinc
Model 724  Serial #107-K

#2 Johnson Gas Furnace Zinc
Model 724  Serial #107-K

#3 Johnson Gas Furnace Zinc
Model 724  Serial #107-K
#4 Johnson Gas Furnace Zinc
Model 724

9 B.P.I. Portable Pumps with Controls
Model - Hydraulic
Motor – 5-10 Horsepower

(3) Yale Riding Fork Lifts
Model ERC050
Serial #N501697

Miller Welder

Hobart Mig Welker for Steel/Set up to Work Aluminum

Hammon Polishing Jacks (2)
Serial #40K

Standard Electric Polishing Jack
Type 40KBA
Serial #54391

Cold Jet AERO-40
American Lift Scissor Lift Table 4000#
Model P36-040

Cold Jet Dry Ice Blaster
Model AERO-30

Tennant Floor Sweeper
Model 42E-HD   Serial #5971

2 Kasser 30 HP Rotary Screw Air Compressors

#1 Tyler 36 x 36 Band Saw
Serial #4053-98 19’ 6

#2 Tyler 36 x 36 (Wheel Size) Band Saw  Serial #4087-98

(6)
) Tyler 36 x 36 Band Saw
Wheel Size 19” x 6”

(2) Tyler 36 x 36 Band Saw
Wheel Size 20” x 6”

Yale Stand Up Forklift

(1)Specific Gravity Tester
GSX Balance

(6) Hall Computer Control for Tilt Pour Press

Gates Power Crimper

DOT Welder

Hose Cutting Machine

Jib Crane #1 Goerbel 150 lbs max

Jib Crane #2 Gierbel 300 lbs max
Jib Crane 1 ½ ton Goerbel With Harrington Hoist/Cleveland Beacon Products
Mold Water Cooling System
1 Cabinet Sand Blaster (2 ft. x 3 ft. blasting area)
(3) Autoclean Rotary Degassing Systems Model 3602
Sport Machine Lathe W/Proto Trak L-2
T.R.M. Milling Machine with Proto Trak Control Table Size 50” x 10” CAT 40# Taper Spindle
GOFF, Parts Blasting Unit Model # DC-128 Serial # 86291-50-929

(1)500 lb Jib Crane

12” Disc Sander
1 WF Wells Horizontal Band Saw 19’ 8” Blade
1 WF Wells Horizontal Band Saw 17” 8” Blade Model-H-2014-1 Serial # A377S HI4049
VMC 1050E Tree Machining Center Table Travel (X,Y,Z) 40” x 25” x 27” With 4th Axis Capability Tsudakoma Indexer RZ160
Okuma MX-55VA 20” x 40” Vertical Machining Center 2MC501

(1) 5,000 lb Scale

Test Equipment

Rats Aluminum Tester
Model 401 Serial #1773
Pryo Hand Held Thermometer Pyrometer Testing Molten Metal Temperature
Machine Shop

Powermatic Drill Press 2DP501 Table Top

Powermatic Dual Drill Head 2DP502

Mori Seiki GV503 APC Vertical Machining Center With Two Mori SeikiUDAKOMA Indexers RZ160 Mori Seiki MV – 653-10 (XYZ) 60.2" x 26" x 25.6" Tag 2MP502

Mori Seiki CV-500APC Vertical Machining Center With a TSUDAKOMA RZ160 Indexer (VS-200) Table Travel X20 Y20 Z20 Tag 2MP501

Mori Seiki CV-500 APC Vertical Machining Center With Twin TSUDAKOMA RZ160 Indexers (VS-200) Table X20 Y20 Z20 Tag 2MP500

Kira KN 40VS Machining Center With Palletized System and Indexer Tag 2MP300

Okuma Cadet 10" Big Bore Special Turning Center With Accessories Tag 2LT300

Okuma L.B. 25 Turning Center With 12" Chuck & Accessories Tag 2LT500

Mori Seiki NH5000 Horizontal X28 Y28 Z32 Tag 2MH501

Mori Seiki HN5000 Horizontal X28 Y28 Z33 Tag 2MH500

NHX 4000 Horizontal X22 Y22 Z24.8 B Axis .0001 Full 4th Axis W/Probing

Mori Seiki Mill MV653 X60" Y26 X25.6 With TSUDAKOMA Indexer Tag RZ200

Mori Seiki VN5000 Horizontal X28 Y28 Z33.5 2MH502

4 Stage Clausing Drill Press With ½ Chucks Labels – 2DP300 – 2DP301 – 2DP 302

Drake Arbor Press #1 Tag 2AP200

Drake Arbor Press # 1 ½ Tag 2AP300

Leten Band Saw LCM-300A Tag 2SV200

2 Kaeser 30 HP Rotary Screw Air Compressors With Air Dryers Tag ZAG3000

2 20" Disc Grinders

Mori Seiki NLX 3000/700 Lates Tag 2LT501

2 Delta Stand Alone Drill Presses Tag 2DP400 / 2DP304

Wilson Drill Press Tag 2DP503

5 Delta Drill Presses Mounted at Workbench Tag 2MP500 Tag 2MC501 Tag 2MP501 Tag 2MP300
Tag 2LT300
Southbend Manual Lathe  Tag LM300
2 Clausing Stand Alone Drill Presses
MR Deburr Tumbler
9 Overhead Hoists & Jib Cranes – Lawrenceburg

Programming
Tecksoft CAD, CAM – all wired to CNC
Machine for DNC

Inspection Equipment

Mitutoyo Crysta 9/10/6 CMM With
PH10 MQ Renishaw Head With ACR
Rack & SP600 Scanning Head
Pratt & Whitney 24"
Super Micrometer

Mitutoyo M-CAT C3 Software

Mitutoyo Measure-Link SPC Software

Gage Trak R & R Software
3 Wire Thread Measuring

Mitutoyo SF400
Surface Texture Tester
.011” – 1.000” Pin Gages

DEA Coordinate Measuring Machine
with Renishaw MIP Head
.050 – 4 Gage Blocks
6” – 24” Calipers

Brown & Sharpe Tutor For Windows
Software
0” – 12” Micrometers (Inside, Outside,
Groove, Thread, Snap)

CyberMetrics – Gagetrack Calibration
Management Software
Radius Gages

Granite Surface Plate Starrett - Grade A
Squares

Mitutoyo Digital Height Gage 24” with
Probe
.107” – 2.5” Bore Gages

360° Protractors
Scales
Surface Comparators
Ball Bearings Gages

Baush & Lomb Scope

Engineering Department

HARDWARE:

4 Windows Work Stations

1 Hewlett Design Jet Printer/Plotter
1 Hewlett Packard Laser Printer “Color”

SOFTWARE:

2015 (4 Seats) Edition Solid Works Software
BT Item Process and Cost Database in Visual FoxPro (Reference Only)
Odyssey ERP System

2014 Edition Cam Works for Solids
Delcam Powermill 3 Axis CAM System

Employee Education and Training

Blueprint Reading
Gage Calibration

Okuma Training
Basic Metrology II

Tree Dynapath Adv. Program
Measuring Process Capabilities
Intro G D & T
Modern G D & T
G D & T III
Gage R & R Measurement System Analysis

Okuma OSP 5000 & 500 Series
CNC Lathe Control Training
CNC Technical Maintenance Training
Tolerance Stacks
Statistical Stacks
Cam Works Solid Core Concepts
Solid Works Program Training
Cam Works 2.5 Axis Mill Training
Cam Training
AMA Management Skills Course
White Belt Training
Employee Safety Training

OSHA 29 CFR 1910

Confined Space Entry
1910.146

Hazard Communication
1910.1200

SDS & GHS
1910.1200

Bloodborne Pathogens & First Aid
1910.1030

Lockout/Tagout
1910.147

Powered Industrial Truck
1910.178

Personal Protective Equipment

Band Saw Training

Heat Stress Training

Foundry Safety Training

Electrical Safety Qualified
Electrical Safety Unqualified
1910.331 – 1910.335
1910.221 – 1910.247

Hazwoper
1910.120

Ergonomics

Portable Fire Extinguisher and

Fire Safety
1910.157 (G)

Chemical Training

Respirator Fit Training

Eye Care and Safety

Hoist Training

AED Training

GHS Training

Ergonomics Lifting Training

Truck Driver Training

Heat Stress Training

Pressurized Gas Training

Foundry Safety Training