



The Lighthouse for the Blind, Inc.

**MACHINING + FABRICATION + INJECTION MOLD
SOLUTIONS**



EXPERIENCE

For more than 90 years, The Lighthouse for the Blind, Inc. has continually provided opportunities for independence and self-sufficiency for people in the greater Seattle area who are blind.

Nearly 60 years ago, we began our machine shop operation, having been a continual contractor with The Boeing Company since 1951.

Today, The Lighthouse for the Blind, Inc. is an ISO9001:2000 and AS9100 accredited manufacturer that employs more than 70 machinists who are blind and Deaf-Blind. A participant in the AbilityOne program, we are associated with the National Industries for the Blind.

STATE-OF-THE-ART VERSATILITY

The Lighthouse for the Blind, Inc. provides its customers with advanced machining and fabrication services. Because of the range of technologies we utilize, we're able to deliver high-quality solutions in low or high volumes.

- Conventional and CNC (Computer Numerically Controlled) Machining
- Injection Molding
- Radio Frequency Sealing and Welding
- Hydroform Manufacturing
- Sub and Final Assembly
- Water-Jet Cutting
- Conventional and CNC Shearing
- Metal Fabrication and Riveting
- Non-Metallic Machining
- Sawing
- Breakform
- Conventional and CNC Turning



Our list of customers includes various Federal government organizations such as the Department of Defense, and commercial firms including The Boeing Company, Triumph Composite Systems, Inc., and BAE Systems.

QUALITY

An ISO9001:2000 and AS9100 accredited manufacturer, The Lighthouse for the Blind, Inc. employs the latest in lean manufacturing practices and technologies, resulting in superior quality and on-time ratings from our customers.



ACCEPTANCE RATINGS (JANUARY 2010)

Aerospace: 99.96%

Non-Aerospace: 99.78%

CUSTOMER REPORT CARD (DECEMBER 2009)

Boeing: 99.97%

CORE CAPABILITIES

CAD/CAM AutoCAD 2009
AutoCAD 2002
Komo
Mastercam X
GibbsCAM 2007
SolidWorks 2009
MA 400HA 4x Mill



CNC MILLS 4-Axis CNC Horizontal Milling Center Okuma MA-400H4 (1) (23.5" x 27.5")
Okuma 4020 VMC (4) (40" x 20" x 18")
Okuma M460-VE (3) (30" x 40" x 18")
Milltronics VM-17 Machine Center (45" x 16" x 20")
Milltronics Partner-1 Machine Center (6) (45" x 16" x 20")
Milltronics VK-3 (4) (32" x 15" x 5")
Bridgeport Torq-Cut 30 Machine Center (1) (30" x 16" x 20")
Bridgeport VMC 1000 Machine Center (2) (40" x 20")
Manual/CNC Knee Mill

MANUAL MILLS Bridgeport Series 1
Cincinnati
Milwaukee
Planer/Bridgeport
Jet Mill/Drill



SHEET METAL Omax 2652 Abrasive Water Jet
Komo VR 510 Mach OneS (CNC Router)
Komo VR 512 Mach One SHO (CNC Router)

CNC LATHE Bridgeport Ez-Path Lathe

MANUAL LATHES Super Precision Tool Room Lathe
Emco Super 11 CD Manual Lathe
TML-5C Badin Machine Tool Lathe



SAWS Auto Indexing and Fixture
Tolerances +/- .005

SHEARS Cincinnati CNC (1/4" x 10')
Wysong (3.16" x 4')
Tennsmith (16 ga x 4', 2', 1')
Di-Arco Notcher (16 ga x 6")
Ledge and Shipley (10 ga x 2')

SURFACE GRINDER Chevalier FSG-2A618
Harig Super 612 Manual Surface Grinder
Manual/CNC Surface Grinder



**PUNCH/
HYDROFORM
PRESSES** Bliss (35-ton 42" x 24")
South Bend (45-ton 28" x 18")
South Bend (60-ton 32" x 21")
South Bend (100-ton 42" x 27")
Heller Sutherland Mark (66-ton 20.5" x 41")
AIDA (110-ton)
Heller Sutherland Mark - 2-121 (121-ton 74" x 27")
Minster S2-250-72-48 (250-ton 72" x 48")
Cincinnati Hydroform (15K PSI, 12" diameter)
Atom SE 17 Hydraulic Clicker Press (17-ton 20" x 40")

**WIRE MACHINE /
WELDER** Whitelegg CFM-620E-TWR (.080"-.250" wire range, 32" x 32")
Projection Welder
"T" Bar Welder
Right But Welder
Left But Welder

**RADIO FREQUENCY
WELDING** Kabar 15kw
Cosmos 1kw
Cosmos 10kw
Cosmos 15kw

INJECTION MOLD 70- to 550-ton Horizontal Injection Presses
Hot Runner Control
Resin Dryers
Mold Temp Controllers
Granulators





TESTIMONIALS

"The Boeing Company and The Lighthouse for the Blind, Inc. have had a great partnership since 1951, and it is a very competitive supplier with excellent quality and delivery performance. It's an exceptional company with a great mission that benefits not only our community but The Boeing Company as well."

Steve DeWater, The Boeing Company

"Your willingness to go the extra mile to reach out and give that extra level of customer service — and to also make suggestions for manufacturing improvements and efficiencies that benefit us both — is greatly appreciated."

James Patterson, Triumph Composite Systems, Inc.



The Lighthouse for the Blind, Inc.

2501 S. Plum Street | Seattle, WA 98144 | (800) 709-0402

email: contractadministration@seattlelh.org | www.seattlelighthouse.org