

Quality
Workmanship

On-Time
Deliveries

ALPHA LEHIGH TOOL & MACHINE CO., INC.

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The Area's
Most Versatile
Machine Shop

Since 1956

CNC MACHINING CENTERS

- (1) KIA / Hyundai KH63G Horizontal 37X32X30 travel with two 25" pallets, 35 HP motor, up to 8000 RPM (new 2007).
- (2) Daewoo DMV-500 Verticals, big 40X20X20, rugged 20 HP, **3- and 4-axis** (new 1998 and Spring 2001).
- (2) Daewoo ACE-H50 Horizontals, 28X24X24, pallet changers, 1-deg. indxg.
- (1) Pratt & Whitney Viking Horiz. big 48 X 48 X 26, 5-degree indexing table, Completely rebuilt and upgraded fall and winter of 2007-2008.
- (1) Okuma Howa Millac 4VA Vert., 28 X 18 X 16, with B-axis.
- (1) Okuma Howa Millac 2 Horiz., 24 X 20 X 16 (rebuilt 2001)

MILLING MACHINES

- (1) Trak DPM Manual / CNC 3-Axis Bed Mill - 31" x 17" x 23.5" (1998).
- (1) Trak TRM Manual / CNC 2-Axis Bed Mill - 31" x 17" x 23.5" (1997).
- (7) Bridgeport-type Knee Mills - 48" X 9" tables, 27" X 12" X 16".
- (1) Niigata 3UMA Universal Milling Machine - 40" X 16" X 16" travel,
- (1) Cincinnati Universal Milling Machine - Travel : 36" X 18".

HORIZONTAL BORING MILL - Rebuilt & improved 1999
(1) Giddings & Lewis 5"; 84 X 72 X 72 travel, 48 X 98 table

DRILL PRESSES

- (4) Free-standing Drill presses.
- (1) Milwaukee Portable Drill Press with magnetic base.

CYLINDRICAL GRINDERS

- (1) Landis Type 4R Semi-Automatic - 14.97" X 72", External
- (3) Jones & Shipman Model 1300 - 10" x 27", Universal.
- (1) Jones & Shipman Model 1305 - 10" X 40", Universal.
- (1) Jones & Shipman Model 1049 - 10" X 18", External, "production".
- (1) Tos Hostivar - 11" X 39", External.

BLANCHARD & SURFACE GRINDERS

- (1) Nagase W-7 hydraulic feed Surface Grinder - 23" X 35" X 15H".
- (1) Okamoto 16-24 hydraulic feed Surface Grinder; 16" x 24" x 20"H.
- (1) Thompson Model B Surface Grinder - 10" X 24" magnetic table.
- (1) Blanchard Grinder Model 18 - 36" magnetic rotary table.
- (2) Boyar-Schultz Surface Grinders - 6" X 18" table.

CNC LATHES

- (1) Daewoo Puma 12L CNC Turning Center, 23 X 40, 30HP.
- (1) Daewoo Puma 10S CNC Turning Center, 23 X 30, 25 HP.
- (1) Daewoo Puma 8 CNC Turning Center, 18 X 14, 20 HP.

ENGINE LATHES

- (1) Froriep Vertical Turret Lathe - 57" X 42", 52 HP, max. 14,000 lb. wkpc.
- (1) Lodge and Shipley Superturn 3220 - 34" X 96"; 7-3/4" hole; 50 HP.
- (1) Sharp Lathe, 22" swing over bed x 80" between centers, new 2005.
- (3) Dong Yang High-Speed Precision Lathes - 18" X 59".
- (1) Leblond Regal - 19" X 78".
- (1) Kohema KHL - 14" X 40".
- (1) Leblond Regal - 13" X 30".
- (1) Monarch Precision Toolmakers' Lathe - 10" X 20".

WELDING

 - Complete welding capabilities

- (4) Welding machines up to 600 amps.
- (1) Squier Semi-Automatic Welder - 600 amp heliarc.

MISCELLANEOUS

- (1) Kalamazoo H13A Automatic Band Saw -automatic, up to 13" dia.
- (1) Kalamazoo 8CD Band Saw - 8-3/4" dia. max.
- (1) Grob Vertical Band Saw
- (6) Pedestal & Belt-sanders, various sizes.
- (1) Sellers heavy-duty drill sharpening machine.
- (1) Snap-on Bead Blaster - glass bead.
- (1) Tumbler

QUALITY ASSURANCE DEPARTMENT

Rigorous quality management system, with full-time inspector...

- (1) DEA "Swift" Coordinate Measuring Machine - 16" X 20" X 13"
 - (2) Scherr-Tumico Optical Comparator - 31-1/4X to 100X
- Extensive collection of gauges and inspection tools...

COMPLETE **MACHINE-BUILDING CAPABILITES** (LARGE ASSEMBLY FLOOR FOR MECHANICAL, ELECTRICAL, & PNEUMATIC **ASSEMBLY**, PAINTING, TESTING & TROUBLESHOOTING)

32,000 SQUARE FOOT FACILITY JUST OFF I-78.

Spring 2008

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