

ASI Solutions

A Publication of Automation Solutions, Inc.

You Are Cordially Invited to the Grand-Opening Celebration of ASI's State-of-the-Art Tech Center!

See Leading-Edge Machine Tools, Tooling, Accessories and Educational Seminars

Automation Solutions, Inc.
2 Hagerty Boulevard, Suite 300
West Chester, PA 19382-7594

Please alert the appropriate personnel within your company, and bring them along!

Automation Solutions opened a new Tech Center to enhance their customers' productivity, efficiency and manufacturing capability. ASI is a full-service machine tool distributor for metal cutting, fabrication and automation solutions from several of the world's leading builders. ASI's products and technical services are listed on the back of this publication.

The 9,100 square foot Tech Center has a 6,000 square foot showroom for demonstrating CNC machines and innovative machining processes. The Grand-Opening event will feature 11 impressive machine tools, displays from 22 builders and accessory suppliers, and 10 technical seminars in a festive, trade show environment. Look inside for a summary of the machine tools, supplier booths, seminar schedule, and a map to our facility.

We'll serve a hearty lunch too, so come and spend a few hours with us, attend valuable seminars, meet today's

machining technology leaders, and network with other Mid-Atlantic manufacturers.

Our Tech Center will continue to host workshops, seminars and demonstrations throughout the year to enhance our customers' productivity, quality and profitability. Our customers will benefit from the knowledge and expertise of our technical staff, as well as our builder partners and associates. Be sure to visit www.asi-pa.com for ASI news and upcoming events.

Don't Miss this Spectacular, 2-Day Event Wednesday & Thursday, Dec. 7 & 8!

Plan to attend this exciting event!



New Doosan Infracore –
Daewoo PUMA MX 2000ST
Multi-Task Turning Center



INDEX TRAUB

ANCA®

Okamoto
Emerging Abrasives Technology



Makino a51
Horizontal Machining Center

MAKINO

brother
At your side.

TECHNI
Waterjet

CNC Machining Demonstrations

The Daewoo Machine Tool Division of Doosan Infracore is the world's fourth largest machine tool builder with a product line of 75 rugged, high-quality models, including multi-task and twin-turret turning centers, gantry lathes, and high-speed machining centers.

ASI will demonstrate the PUMA MX 2000ST Multi-Task Turning Center (see front page), PUMA 2000SY (Y-axis, live-tools, sub-spindle), DMV 4020 and 3016LS Vertical Machining Centers.

Index - Traub produces a full line of turning centers including turn-mill, fixed & sliding headstock, and multi-spindle machines for complex, high-volume applications. We'll demonstrate the TNL26 sliding headstock machine at the Open House.

ANCA's sophisticated, multi-axis tool & cutter grinders produce complicated parts with speed and agility, including cutting tools and complex medical parts. ASI will demonstrate the TX7+.

Okamoto produces high-quality saddle, single- & double-column surface grinders, rotary, ID & OD grinders in a full range of sizes. The ACC-1224ST surface grinder will be displayed.



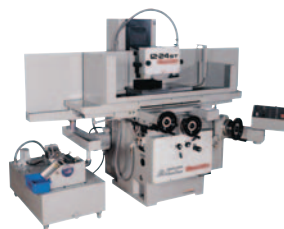
Daewoo DMV 3016L
Vertical Machining Center



Index - Traub TNL26
Turn Mill Center



ANCA TX7+ CNC
Tool & Cutter Grinder



Okamoto ACC-1224ST
Saddle-Type Surface Grinder

We have many machines available for year-end delivery!

Designed for production, aerospace and die/mold applications, **Makino's** high-speed, high-performance machining centers produce complex parts with the highest precision, in the shortest cycle times, and at the lowest cost per piece.

ASI will demonstrate the a51 Horizontal Machining Center (see front page) and the 20,000 RPM S56 Vertical Machining Center.



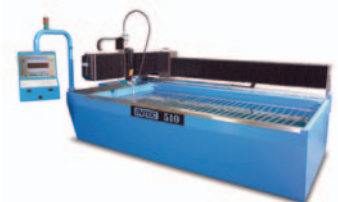
Makino S56
Vertical Machining Center

Brother builds high-production drill/tap machining centers. Originally built to produce Brother sewing, fax machines and printers, Brother machines are incredibly productive due to lightening quick movement and the elimination of non-cutting time. See the TC-S2B-O at ASI but don't blink, or you'll miss it!



Brother TC-S2B-O
Drill / Tap Machining Center

TECHNI CNC waterjet cutting systems cut practically any material up to 6" thick including metals, stone, glass, textiles, foam and rubber. Abrasive profile cutting is accomplished using a 60,000 psi water jet with an abrasive additive. The Intec 510 with 50 HP KMT Intensifier will be demonstrated at ASI.



TECHNI Intec 510
Waterjet Cutting System

Additional Builder, Tooling & Accessory Exhibitors

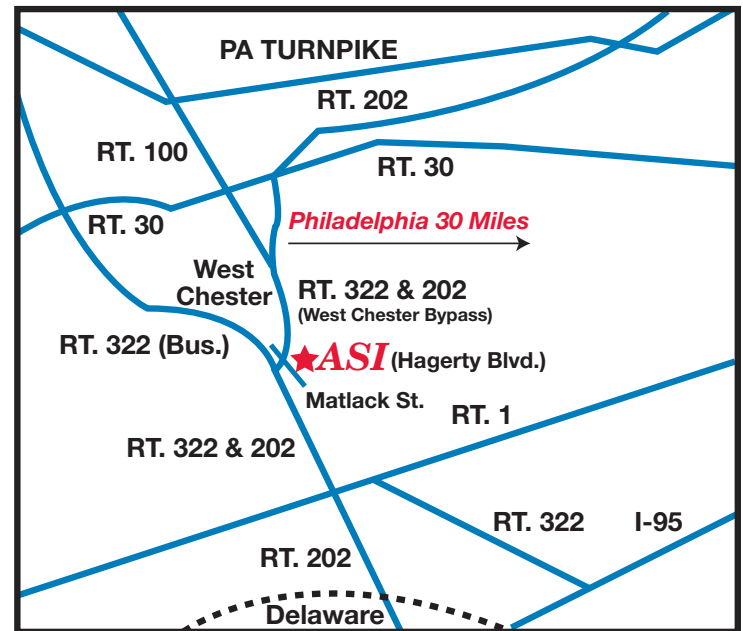
These machine tool builders will be onsite with visual displays. Their products are described on the back page.

Automation Design Engineering, Inc.
Cincinnati, Inc.
Landis Grinding Systems
Quickmill, Inc.
WFL Millturn Technologies

These tooling, accessory, and support products will also be displayed:

<i>Chick Workholding</i>	<i>Prism Engineering</i>
<i>ChipBlaster</i>	<i>Sandvik Coromant</i>
<i>Kurt Manufacturing</i>	<i>SMW</i>
<i>LNS America</i>	<i>TecNara Tooling</i>
<i>Lyndex - Nikken</i>	<i>Turbo Systems</i>

Getting to ASI is Easy!



Call 800-772-6426 for detailed directions from your location.

Open House Information and Seminar Schedule

Open House Hours

Wednesday, December 7th	9:00 am to 6:00 pm
Thursday, December 8th	9:00 am to 5:00 pm
Lunch Both Days	11:30 am to 2:30 pm

If you definitely plan to come, please let us know by calling 800-772-6426, fax 610-430-3675, or e-mail inquire@asi-pa.com, just to provide us with a general idea for food, beverages, etc. However, **it is not necessary to RSVP to attend the Open House.**

Seminars will be presented by industry leaders to help increase efficiency, productivity and part quality. Seminar seating is limited, so please call, fax or e-mail to reserve a space. We will do our best to accommodate everyone's schedule requirements. Visit www.asi-pa.com and click Upcoming Events for any last minute updates.

Wednesday, December 7th

10:00 - 10:50 am	Quick Setup Changeover - SMW
11:00 - 12:00 pm	How to Cut Production Costs - Makino
1:00 - 1:50 pm	Turning Center Automation - Daewoo
2:00 - 2:50 pm	Multi-Task Tool Technology - Sandvik
3:00 - 3:50 pm	Benefits of Machining with High-Pressure Coolant - ChipBlaster

Thursday, December 8th

10:00 - 10:50 am	Quick Setup Changeover - SMW
11:00 - 12:00 pm	Built for Die/ Mold - Makino
1:00 - 1:50 pm	Turning Center Automation - Daewoo
2:00 - 2:50 pm	Multi-Task Tool Technology - Sandvik
3:00 - 3:50 pm	Benefits of Machining with High-Pressure Coolant - ChipBlaster

We hope to see you at our Grand-Opening Celebration!

ASI Automation Solutions, Inc.

The Mid-Atlantic's Premier Machine Tool Distributor

Visit Our State-of-the-Art Technical Center

METAL CUTTING, FABRICATION AND AUTOMATION PRODUCTS

Makino, Inc.

Horizontal & Vertical Machining Centers; Cells & Systems

Brother Industries, Ltd.

CNC Production Drilling & Tapping Machining Centers

Landis Grinding Systems

Cam, Crank Shaft, Centerless, OD and Double Disc Grinders

Okamoto Corporation

Manual, Automatic and CNC Surface, ID and OD Grinders

ANCA, Inc.

Precision CNC Tool & Cutter Grinders; Punch Grinders

Automation Design Engineering, Inc.

Authorized Fanuc Robotics Integrator, Process Automation, Special Machinery, Hydraulic Fixtures, Engineering Services

Doosan Infracore - Daewoo Machine Tools

Horizontal & Vertical Turning Centers, 2-9 Axis, Multi-Task, Y-Axis, Gantries; Vertical & Horizontal Machining Centers

Index - Traub Corporation

Single & Multi, Fixed & Sliding Headstock Turn Mill Centers

WFL Millturn Technologies

Horizontal CNC Multi-Task Milling / Turning Centers

Cincinnati, Inc.

CNC Laser Cutting Systems; Press Brakes and Shears

Quickmill, Inc.

Large Capacity, Vertical Gantry CNC Machining Centers

TECHNI Waterjet USA

High-Pressure, CNC Waterjet Cutting Systems; Automation

We supply Tooling & Accessories from **Chick, Kurt, LNS, Sandvik, SMW, TecNara, Turbo**, and others
If ASI does not represent a manufacturer in your area, a referral to the appropriate distributor will be provided.

APPLICATIONS AND SERVICE ENGINEERING

Machine Demonstrations & Test Cuts

Process Improvement Consultation

Process Engineering & Programming Services

Custom Tooling & Fixture Design

Complete Process Turnkeys

Operator, Programmer & Maintenance Training

Factory-Authorized Installations & OEM Parts

Expert Machine & Control Repair Service

Shop Floor Communications

Accuracy Verification (Ball Bar) Testing

Preventative Maintenance

Complete Machine Relocation Services

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