

INSIDE THIS ISSUE:

Parker

Braas Offers Training

*Go to our new
web-site for
product info, order
on-line, and the
latest in technology
information at
www.braasco.com*

LOCATIONS

New Berlin WI
1.800.242.8313

Madison WI
1.800.242.8313

Fox River Valley WI
1.800.242.8313

Eden Prairie MN
952.937.8902
1.800.288.6628

North & South Dakota
1.800.309.5393

Iowa & Nebraska
1.800.238.8857

Oldsmar FL
1.800.282.8124

Elgin IL
1.877.942.7227

WISCONSIN

INTRODUCING MAGSTAR TECHNOLOGIES

Braas Company is pleased to announce their appointment as a specialty distributor for the MagStar™ product line. With support at all of our locations in the upper Midwest and Florida, we can now service applications that were focused on microplate designs or laboratory functions that proved to be very challenged in the past. MagStar™ is a manufacturer of material handling and motion control and conveying systems. Their primary product is the Quickdraw® brand conveyor systems, used in factory and laboratory automation. With its engineering, precision machining and assembly strengths, MagStar™ is a premier developer and manufacturer of high performance, and cost effective conveyor systems used mainly in the medical, semi-conductor and industrial automation applications. MagStar™ has over five decades of proven product innovation and design leadership.

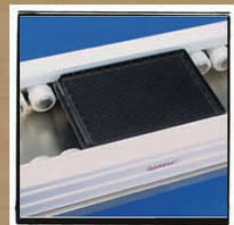
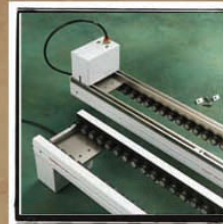
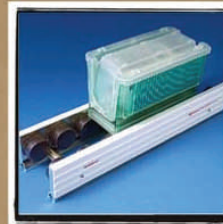
A closer look at what MagStar™ has to offer:

Quickdraw® Factory Automation

Supplies the leading factory automation equipment companies and OEMs whose mission is to improve productivity of automated manufacturing.

Quickdraw® Laboratory Automation

Supplies equipment for research institutes and drug discovery companies. The HTS Microplate Conveyor System can accelerate the discovery and research process, improve sterile conditions, eliminate human errors, and allow for racking a large number of samples.





ELECTROMECHANICAL AUTOMATION PRODUCT RELEASE

INTRODUCING THE COMPAX3 WITH DEVICENET™ Fieldbus Interface

The Compax3 product line is expanding with the addition of a DeviceNet™ fieldbus option. This new Compax3 option is available on the T11, T30, and T40 technology levels and allows the Compax3 to be integrated into an Allen Bradley PLC control system very easily - or with any other DeviceNet Master! This new communications interface rounds out the existing CANopen® and Profibus® fieldbus options.

Compax3 DeviceNet™ Implementation

- ⇒ Modes
 - ⇒ Velocity, Position Mode and Set Select
- ⇒ Data Management Services
 - ⇒ I/O Messages (cyclic)
 - ⇒ Explicit Messages (acyclic)
- ⇒ Application Manual
 - ⇒ To facilitate a fast start-up an application manual is provided for connecting and configuring AB Controls (CompactLogix) with an I22T11
 - ⇒ The manual will be available on www.parkermotion.com
- ⇒ Statement of Conformance
 - ⇒ Concisely illustrates the implementation of the DeviceNet™ hardware and of the communication data (objects). This form may be directly accessed from the Help Files within ServoManager™.



BRAAS COMPANY NOW OFFERS TRAINING AT NEW BERLIN LOCATION

Contact Cyndy Rutzinski 262.780.1600, to schedule a training class in our New Berlin, WI classroom or at your facility as a group setting.

Class Descriptions

Yaskawa Servo Programming (YA-203) - This class utilizes Yaskawa's Y-term software and focuses on the SMC4000 series multi-axis controller. This 2 to 4 axis controller features: individual axis configuration as; servo or stepper; standard Ethernet or serial communications; on-board digital and expansion I/O preemptive multi-tasking; and much more. **Topics include:** Hardware Overview, Controller Configuration; Ethernet Connecting; Debug Commands; Programming Flow; Multi-Tasking and many more...

Fluid Power Fundamentals (FPF-101) - This class covers Fluid Power principles and technology, air preparation products, air valves (including how to read ANSI symbols), actuators, and vacuum cup sizing. Hands-on exercises are included in this session giving the student the opportunity to read, assemble, and test pneumatic circuits. **Topics include:** Description of Pneumatics; Valves; Symbology and Sizing; Vacuum Technology; Air Preparation Actuators; and hands-on instructor led exercises.

Parker Servo/Stepper Programming (ACR-101) - This class utilizes Compumotor's ACR-view software and focuses on the ACR-9000 series multi-axis controller. This 2 to 8 axis controller features: individual axis configuration as; servo or stepper; standard Ethernet or serial communications; on-board digital and expansion I/O preemptive multi-tasking; and much more... **Topics include:** Hardware Overview; Controller Configuration; Ethernet Connecting; Debug and Common Commands; Programming Flow; Multi-Tasking and Program; and Program Structure.

Robotic Programming (Denso Workshop) - This class teaches the instruction/programming of Denso's **New** RC7 robot controller. **Topics include:** Hardware Overview; Controller Configuration; Jogging Teaching Points; Programming using a Teach Pendant; I/O Interface; Offline Programming Software.

Cognex/DVT Vision System Fundamentals (VSF-401) - This class is designed to familiarize the students with vision technology. It is highly recommended that students bring examples of applications for testing. **Topics include:** Vision Sensor Technology vs. Machine Vision; Terminology; Lighting; Overview of Hardware/Software; Lenses; Software DVT Intellect; and Your Specific Application Needs.

Cognex In-Sight Vision System Fundamentals (VSF-402) - This class is designed to familiarize the students with vision technology. It is highly recommended that students bring examples of applications for testing. **Topics include:** Vision Sensor Technology vs. Machine Vision; Terminology; Lighting; Overview of Hardware/Software; Lenses; Software In-Sight Explorer; and Your Specific Application Needs.

Industrial Sensor Fundamentals (ISF-101) - This class is an introduction to sensor technologies commonly found in industrial automation. A balance between lecture and hands-on provides the student with knowledge in: sensing methods, material detection; theory of operation, control wiring, and selection. **Topics include:** Description of Sensors; Inductive and Capacitive Proximity; Photoelectric Sensors; Color Detection; Ultrasonic; and Specialized Sensors.