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*For the Minnesota Training Schedule, visit us online at [www.braasco.com](http://www.braasco.com), Training & Services, then to Customer Training*

### LOCATIONS

North & South Dakota

1.800.288.6628

Iowa & Nebraska

1.800.288.6628

Eden Prairie MN

952.937.8902

1.800.288.6628

Milwaukee WI

1.800.288.6628

Madison WI

1.800.288.6628

Fox River Valley WI

1.800.288.6628

Oldsmar FL

1.800.288.6628

Elgin IL

1.877.942.7227

## IOWA, NEBRASKA, AND SOUTH DAKOTA

# OMRON®

### OMRON'S CPI STARTER KITS

#### Powerful Capabilities in a Scalable Package

Four different CPI Starter Kits for first time users allow hands-on knowledge of why the new CPIL Compact Micro PLC seemingly redefines the term Micro PLC. Packaged with powerful features normally found in higher-end PLC's, the CPIL family offers scaleable I/O, on-line editing, IEC 61131-3 programming, floating-point math, powerful position control, and communications capabilities. Extensive libraries of Omron controls and function blocks simplify program development and shorten design.

Kits start at \$375.00

#### All CPI Starter Kits Include the Following:

- CPU with 14 to 40 I/O Depending on Kit
  - IEC61131-3 Programming
  - Online editing
  - Floating-point math, trig functions
  - Real-time clock
- CX Programmer Jr Software & USB Programming Cable
  - Programs CPI, CPM and SRM PLC's
  - Built-in data trace and time chart monitoring
- CX Programmer Introduction Guide in PDF Format on CD
  - Step-by-step guide to creating, editing, and downloading programs
- Function Block Introduction Guide in PDF Format on CD
  - Step-by-step guide explaining function blocks, structured text and programming, monitoring and debugging
- Starter Kit Wiring Document
  - Input, output connection diagrams
- Manuals, Sample Programs in PDF Format on CD
  - Sample programs are included for the various PLC's
  - Programming and operation manuals, introduction guides along with other helpful documentation is included in PDF



### PPT VISION ANNOUNCEMENT



We are excited to announce our appointment as distributor for PPT Vision in our Iowa and Nebraska territories. PPT's product offering of their IMPACT™ and IMPACT™ Software suite, are a great addition to our family product offering.

#### PPT VISION

With thousands of successful machine vision installations throughout the world in a broad range of manufacturing applications, PPT VISION Inc. is the world leader in machine vision innovation. IMPACT is a family of high-speed intelligent cameras with all the features of a full scale machine vision system. The superior power, sophistication and ease of use of the IMPACT Software Suite, together with the full line of IMPACT Intelligent Cameras, define a new level of capability and performance in the vision industry.



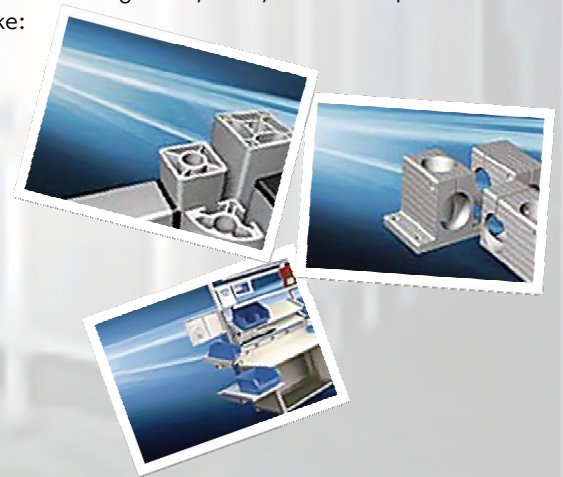
The combined automation expertise of Braas Company and PPT Vision will be your source for industry leading technology for all of your Vision and inspection needs. Be sure to look for upcoming training and product opportunities in the near future!

### MAYTEC—VALU MANUFACTURING

#### HOW TO SELECT THE RIGHT PROFILE SYSTEM

The complex range of aluminum profile systems often prevents comprehensive critical comparisons. Purchasing decisions are often made *without* detailed profit analysis. Braas Company offers experienced designers to support you in implementing your system. Our designers tailor to your individual applications, consideration of your required dimensions, loading capacity and stability. Once the plan is approved, the project is fabricated at Braas Company's ValuManufacturing facility. They have the expertise and qualifications to produce such projects like:

- ☑ Structural Framing Design Assistance
- ☑ Ergonomic Workstations (assembled or in kit form)
- ☑ Machine Safeguarding (assembled or in kit form)
- ☑ Machines Bases (assembled or in kit form)
- ☑ Wiring Harnesses
- ☑ Standardized and Custom Cabling
- ☑ Sub-Assembly of Braas-Supplied Products
- ☑ Bill of Material Consolidation (one part number = your entire BOM)
- ☑ Pneumatic Assemblies
- ☑ Pre-Wiring and Pre-Plumbing of Components



Call Braas Company today for your Profile System

### DENSO'S SMALL SIZED BUILT-IN ROBOT - XR SERIES

#### Ideal for Small Systems

#### Achieve Compact Systems Operations with Denso's Built-In Robot

##### Features:

##### Compact Structure

Ceiling-mount configuration for maximum working area

##### High-Speed

17% faster than our conventional Cartesian robots with combined move of coordinated slide and swivel motions

##### Specifications:

##### Max. Composite Speed

Arm head (X axis + R axis) 3650mm/s (X axis: 450mm, R axis: 300mm)

##### Max. Payload

3kg

##### Overview - Example 1: Assembling and Handling

Suitable for narrow frontage facility

**High-Speed Assembly:** The robots pick parts from the pallet and assemble them

**Direct Transfer:** The robots feed the parts to the next robot without placing them on a conveyor

##### Features:

**Compact:** Reduced width of equipment and shortened production lines

**Lower Investment:** Eliminate additional devices to lower cost

##### Overview - Example 2: Feeding and Carrier

Applicable to various production process with high-speed performance and long X axis

**High-Speed Assembly:** Dual end effector enables rapid feeding

**No Conveyor:** Long X axis enable high flexibility

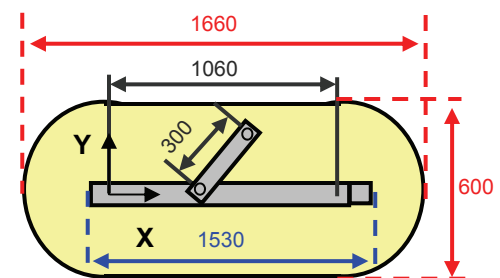
##### Features:

**Compact:** Reduced width with ceiling mountable structure

**Flexibility:** Programmable and flexible/conveying movements



**DENSO**  
robotics



Note: X axis: 1060mm, R axis: 300mm