The ACE RoboCart provides a low cost portable automation platform for machine tending, part making or part inspection. See website for more information - Model FD shown to the right. Multiple part presentation methods are available (see back of brochure). This system incorporates the latest robotic technology, allowing the operator to load the system and walk away while parts are being processed automatically.

### FEATURES

<table>
<thead>
<tr>
<th>Options</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multiple part presentation options available</td>
<td>Choose the method that best fits your needs</td>
</tr>
<tr>
<td>Compact size</td>
<td>Provides good sight line to machine tool, while still maintaining access to the machine controller</td>
</tr>
<tr>
<td>Portable</td>
<td>Cell mounted with casters and docking features for quick and easy relocation of the cell from machine to machine</td>
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<tr>
<td>Cell access door</td>
<td>Provides clear access to the machine tool for tooling changes</td>
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<tr>
<td>High speed</td>
<td>Minimum in the door time maximizes machine productivity</td>
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</tbody>
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### OPTIONS

- Vision camera and lighting for random/non-fixtured part pick in drawer
- Part conveyor in lieu of drawer system
- Gravity chutes for part input/output in lieu of drawer system
- Cell may be configured as a part inspection cell for independent operation with vision system
- Pin Stamping, Laser Marking or Gauging also available
- Other machine interfaces available including: FANUC I/O Link, Digital, other industrial standard

### SPECIFICATIONS

**Robot** - Six-axis, electric servo driven FANUC robot with controller and color Teach Pendant.

**Part Presentation** - Choose from stationary fixture, single and double drawer, pallet conveyor and rotary turntable.

**Robot Tooling** - Dual 3-jaw grippers including gripper fingers with 2.5 lbs. part capacity. Single gripper available with 5 lbs. part capacity.

**Guarding** - Extruded aluminum frame with Lexan™ paneling and interlocked cell access door.

**Cell Control** - ACE standard operator panel on Teach Pendant featuring touch screen control for system functions and messaging.

Specifications subject to change without notice. Please contact ACE for application suitability.
RoboCart
Machine Tender

*Model FD - Front Door*
Fixture Area 31" W x 22" D

*Model SD - Single Drawer*
Drawer Fixture Area 31" W x 24" D x 6" H

*Model DD - Double Drawer*
Drawer Fixture Area 14" W x 24" D x 1.5" H

*Model PC - Pallet Conveyor*
Effective Conveyor Width 16"

*Model TT - Turntable*