

RoboCart Lean Robot Cell



SPECIFICATIONS

Robot	Six-axis, electric servo driven FANUC robot with controller and color Teach Pendant.
Operator Interface	Teach Pendant and Pushbutton station featuring: hold robot; abort & select; fault reset; running/start; home robot; and last part request.
Drawer System	Modular construction <ul style="list-style-type: none"> • 1 drawer (150 lb total capacity per drawer) • Part area 29" x 20" deep x 4" h • Integrated drip pan
Robot Tooling	Dual 3-jaw grippers including gripper fingers with 2.5 lb part capacity. Single gripper available with 5 lb part capacity.
Safety Fence	Extruded aluminum/Lexan™ safety fence enclosure with one interlocked cell access door.

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

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 standards.

The Automated Cells & Equipment RoboCart provides a low cost portable automation platform for machine tending, part marking or part inspection. A unique drawer system is utilized for parts storage whereby customer supplied fixtures are placed in the drawer, providing consistent part locations for robotic unload. This system incorporates the latest robotic technology, allowing the operator to load the system and walk away while parts are being processed automatically.

FEATURES

- Simple drawer system for parts loading
- Compact size
- Portable
- Cell access door
- High Speed
- Modular construction
- Machine Interface

BENEFITS

- Easy to use. Operator can access drawer to unload completed parts and refill with new parts. Use customer fixture plates reducing cost.
- Provides good sight line to machine tool while still maintaining access to the machine controller.
- Cell mounted to casters with docking features for quick and easy relocation of the cell from machine to machine.
- Provides clear access to the machine tool for tooling changes.
- Provides "low" in the door time maximizing machine productivity.
- Unit can be reconfigured from left hand to right hand or vice versa easily.
- Terminal blocks provided for easy hook-up to your machine.



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