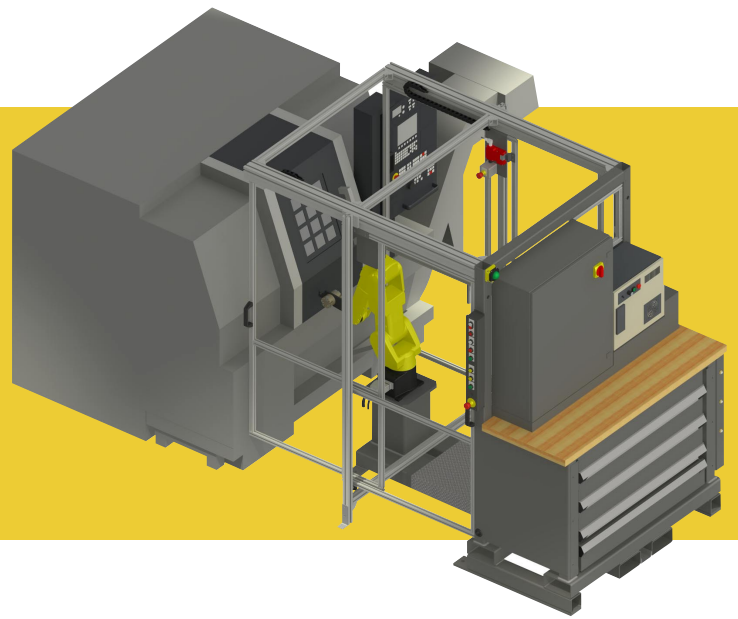


# Model MT5D Machine Tender



## S P E C I F I C A T I O N S

<b>Robot</b>	Six-axis, electric servo driven robot with controller and color Teach Pendant.
<b>Operator Interface</b>	Teach Pendant and Pushbutton station featuring: Power on/off; hold robot; abort & select; fault reset; running/start; home robot; last part request and entry request.
<b>Drawer System</b>	Modular construction <ul style="list-style-type: none"> <li>• 3 drawers (100lb total capacity per drawer)</li> <li>• Part area 40" w x 18" deep x 3" h</li> <li>• 24" x 54" integrated tabletop</li> <li>• Multi-color drawer status lights</li> <li>• 4<sup>th</sup> drawer provided for tool or fixture storage</li> </ul>
<b>Robot Tooling</b>	Dual 3-jaw grippers including gripper fingers with 2.5lb part capacity. Single gripper available with 5lb part capacity.
<b>Safety Fence</b>	Extruded aluminum/woven wire safety fence enclosure with one interlocked sliding access door

Specifications subject to change without notice.

## O P T I O N S

- Vision camera and lighting for random/non-fixtured part pick in drawer
- Task lighting over tabletop
- Second sliding cell access door
- Drawer system positioned at 90 degrees to machine tool
- Other size and capacity systems available

The Model MT5D Robotic Machine Tender provides an automated method for loading and unloading parts into and out of a lathe or other machine tool. A unique drawer system is utilized for parts storage whereby customer supplied fixtures are placed in the drawers, 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
- Integrated table top
- Sliding access door
- Fork truck pockets on drawer base
- Modular construction

### BENEFITS

- Easy to use. Operator can access drawers not in use by robot and refill with raw parts. Uses customer made fixture plates reducing cost.
- Provides good sight line to machine tool process while still maintaining access to the machine tool controller.
- Convenient place for gauging of parts after processing. May also be used for other quality control functions.
- Provides clear access to the machine tool for tooling changes.
- Provides easy relocation of drawer system.
- Promotes quick installation and commissioning of system.



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