



Model MD MiniDrawer Machine Tender



Automated Method for Load/Unload

The Model MD MiniDrawer Tending System provides an automated method for loading/unloading of virtually any machine tool. A compact drawer system is utilized for part presentation whereby simple fixtures or trays are placed in the drawers. This system incorporates bi-directional drawers allowing the operator to load/unload the system while parts are being processed automatically.

FEATURES

Simple drawer system for part queue

Narrow foot print, only 42.5" wide outside to outside of guarding

Common base with 4-way fork pockets

Color Touch Screen Teach Pendant

Simple utilities, 208 volt/1 phase/60 cycle power and 80 psi clean/dry air

7 kg payload robot

Drawer capacity 50 lbs each

BENEFITS

Quick change over, access while robot is running.

Saves valuable floor space, able to place two machines tightly together. Fits into your floor space.

Easy relocation of cell through use of a common pallet jack. Able to be picked from any side.

Simple, easy operation of cell with push buttons and intuitive messaging.

Easy hook-up with readily available utilities.

Handles dual grippers or larger part with single gripper.

Holds parts and fixtures.

SPECIFICATIONS

4 Bi-Directional Drawers

24"x16"x4"h, 50 lbs/drawer, with precision lock.

Machine Base

Reinforced powder coated steel base fabrication optimized for strength and durability.

Robot Pedestal

Heavy steel plate construction with machined robot mounting surface.

Guarding

Bolt-on extruded aluminum construction open to one side for machine tool integration and includes one interlocked access door for access.

Cell Control

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



OPTIONS

- Single or dual end of arm tooling
- Part specific gripper fingers
- Part specific fixtures
- Digital I/O, Ethernet IP, ProfiNet, FANUC I/O Link interfaces
- 12 kg payload robot
- Touch sensing auto-callibrate
- Part cleaning
- Part marking
- FANUC iRVision for non-fixtured location of incoming raw parts
- 120 volt/1 phase/60 cycle power
- Automatic door



AUTOMATED CELLS & EQUIPMENT

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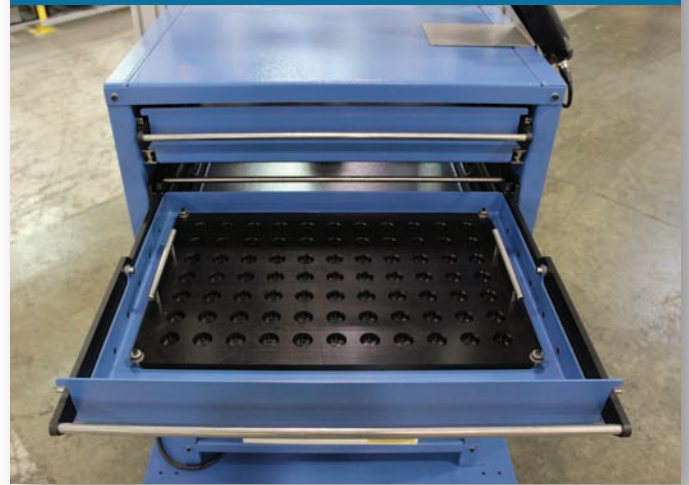
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Touch Screen Control For Easy Cell Operation



Bi-Directional Drawer with Quick Change Fixture



Drawer in Operator Load/Unload Position



Drawer in Robot Position



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