

HHO Smart

Helping Human Opportunity™



Height
2070mm
81.5"

43.3"
1100mm Width

59.1"
1500mm(A)
Depth



FA-1 Front Access Material/Workpiece Drawers,
Space Saving, EZ to Operate Robotic Module for
CNC Mill or Lathe,Hybrid Mill-Lathe,etc.
Can be Paired w Industrial Robot or Cobot
Flexible Output for Low Volume High Mix or
Medium Volume Production Runs.

Robot/cobot can be located above the drawers, close to the machine tool.
Modular system enables easy integration with machines
The system moves independently and is highly autonomous
The system can be used with multiple applications, enabling rapid changes without affecting production

FA-1 is a feeding machine tending system that can load materials and work in conjunction with industrial robots.

It is suitable for milling, turning, cleaning, and inspection feeding systems.

It can be used with single or multiple processing machines, depending on the production requirements, and can be used with various types of processing machines, such as milling machines, lathes, or hybrid turning-milling combination machines.

The tending ratio can be 1 to 1, 1 to 2, or 1 to 3, providing increased integration and versatility.

FA-1 has multiple drawers and a large storage capacity, for arranging workpieces based on their size.

It ensures worker safety while the robot is carrying out loading and unloading operations on the other side.

The tray size of FA-1 is 30.75 x 19" / 780X480 mm, making it particularly suitable for medium-sized workpieces.

The tray can be manually handled by one person after loading the workpieces.

FA-1 is equipped with a touch panel, providing a visible, user-friendly production schedule interface.

The control system uses an industrial computer, enabling flexible communication with peripheral machines.



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Small Footprint for Space Saving
Drawers Easily Accessible to Worker from the Front with no Exposure to the Robot.
Robot has full Access to the Drawers from Behind the Safety Screen.



Color EZ Use Touch Panel



Robot Mounted on the Right for Agile Pick and Place between Machine Tool and Storage Drawers

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