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Motion Control

Do-more H2 Series PLC to *Sure*Step Stepping System with *C-more* Touch Panel (HMI)

Rotary Index Table Station
Part 5 of 5
Operational Demonstration

VID: L-PC-DM-STP-CM-001-5

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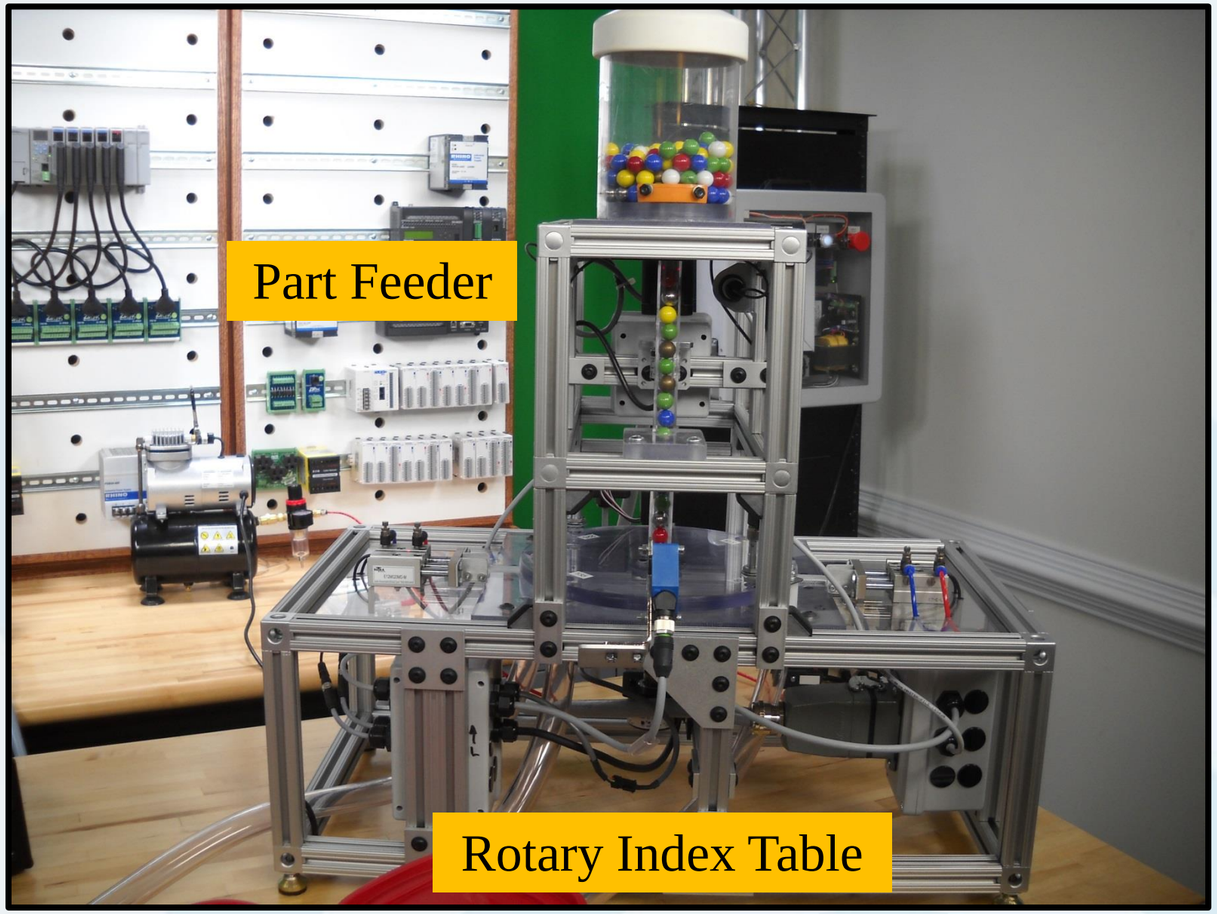
Rotary Index Table Station Demonstration – Part 1 of 2

The Rotary Index Table (RIT) Station is demonstrated in the video to show the following operations:

- Start the Part Feeder to allow the entrance tube to the Rotary Index Table to fill.
- Show the Laser Distance Sensor detecting a part is loaded in position 1.
- Placed the RIT in Auto Cycle and press the Cycle Start pushbutton.
- Show the 45 degree indexing of the rotary disk.
- Demonstrate detection of a steel ball and a reject sequence with the pneumatic slide cylinder.
- Show the Color Sensor operating as a part is indexed into Position 5.
- Demonstrate detection of a brass ball and a reject sequence with the pneumatic slide cylinder.



Rotary Index Table Station Demonstration – Part 2 of 2

The Rotary Index Table (RIT) Station is demonstrated in the video to show the following operations:

- Show part exiting the system at Positions 8.
- Demonstrate a 45 degree Manual Index of the Rotary Disk.
- Show jogging the Rotary Disk in one degree increments both CCW and CW.
- Show manually taking a reading with the Color Sensor.
- Demonstrate manually rejecting a part at both the Steel reject Position 3 and Brass reject Position 7.

Other available videos in this series on Motion Control.

Title	VID Number
Part 1 of 5 – Control System Overview.	L-PC-DM-STP-CM-001-1
Part 2 of 5 – Schematic Diagrams.	L-PC-DM-STP-CM-001-2
Part 3 of 5 – **Do-more** Ladder Logic Programming.	L-PC-DM-STP-CM-001-3
Part 4 of 5 – ***C-more*** Touch Panel Programming.	L-PC-DM-STP-CM-001-4

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