

# Get MORE Out of Your VMCs

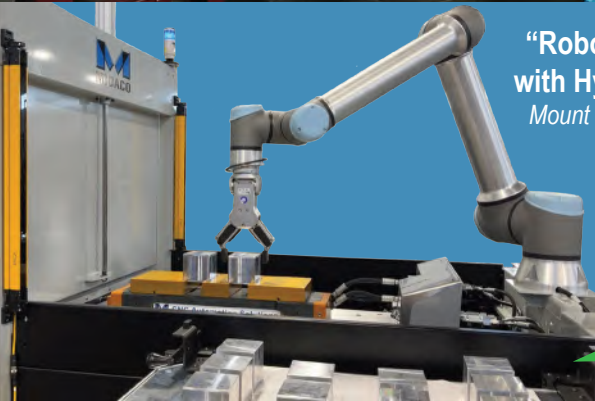


Pallet Changers shown with Light Curtain guarding option



## Don't let your spindle sit idle

Reclaim valuable machining time and increase productivity on all of your VMCs by changing parts **OUTSIDE** the machine tool on a **MIDACO Pallet Changer** **WHILE** the spindle is cutting. Once the cycle is complete, the shuttle transfers the next part-loaded pallet into the machine automatically. One operator can run 3-4 Automatic Pallet Changers on your machining centers, getting more parts out the door.



## "Robot Ready" Pallet Changer with Hydraulic Docking System

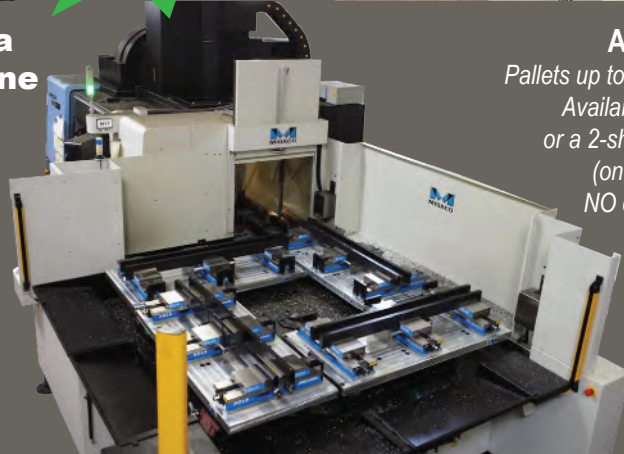
Mount Robot/Cobot directly on Shuttle. Automated fixture clamping stays charged while the pallet is inside the machine.

**NEW!**



## Since 1969 MIDACO has been a trusted partner offering machine shop productivity solutions.

- Pallet Changers for VMCs, 5-axis, Bridge Mills and machines which do not move in Y-axis.
- AutoDoor Openers & Robot Access Doors
- Hydraulic Fixture Clamping without hoses
- Trunnion Systems for 4th-axis on VMCs
- Industrial CNC Vacuums
- Automated CNC Chip Fans
- Grinder-Guard & Dust Collector Systems



## Automatic 4-Pallet Pool System

Pallets up to 50"x24" and 2,000 lb load capacity ea. Available as a 1-shuttle system with 4 pallets or a 2-shuttle "dual" system with 8 pallets total. (one shuttle mounted on each side of VMC) NO overhead obstruction for crane loading. Two flip-up stations for pallet access.



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**KEEP THE SPINDLE RUNNING!**

See how we fit your application

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# Your Trusted Partner

Since 1969. Providing a lifetime of innovative and affordable CNC automation solutions and efficiency products.

Increase productivity and eliminate spindle idle time.



Automatic Pallet Changer\*

- 1 shuttle
- 2 pallets

Pallet Sizes from 22"x14" up to 150"x39"  
"Y-Axis Shift" systems available for mills which do not move in Y-axis.



Automatic "Dual System" Pallet Changer\*

- 2 shuttles
- 4 pallets

Pallet Sizes from 22"x14" up to 150"x31"

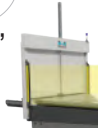


Automatic "Dual System" for Large Mills\*

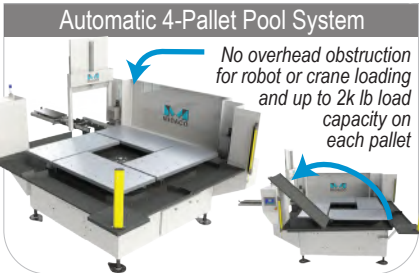
- 2 shuttles
- 2 pallets

up to 32k lb load capacity ea. pallet

Pallet Sizes from 30"x20" to 190"x72"



\*Optional Light Curtain Guarding available for all Automatic Pallet Changer systems



Automatic 4-Pallet Pool System

No overhead obstruction for robot or crane loading and up to 2k lb load capacity on each pallet

Single (4 pal) or Dual (8 pal) up to 50"x24"



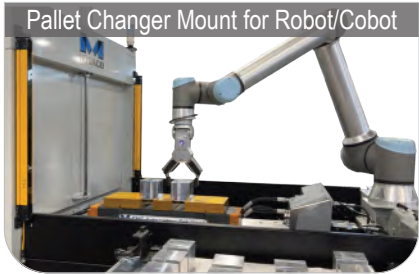
Manual Front Loading Pallet Changer

Pallet Sizes from 16"x14" to 60"x25"



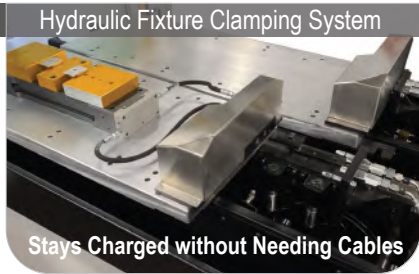
Manual "Micro" Pallet Changer

Pallet Sizes 12.75" x 10.5" or 8.5" dia.



Pallet Changer Mount for Robot/Cobot

Let Your Robot/Cobot Load the Pallet



Hydraulic Fixture Clamping System

Stays Charged without Needing Cables

Ideal for Robot/Cobot Part Loading



Trunnion for 4-Axis Machining on VMC

No Cable Management Needed

Only 1 rotary indexer required for 2 pallets



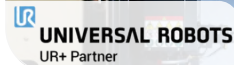
Robot Access Door for Any Enclosed CNC

Retrofit for Side or Top Loading Access



CNC AutoDoor Opener System

Automatic Door System



Ideal for Robot/Cobot Part Loading



Automatic Pallet Changer Accessories

Chip Shiled, Blow-off Nozzle, Tool Shelf



Industrial Vacuums for CNC Fluid & Chips

Filtered for Easy Disposal or Reintegration



MIDACO Fan for Chip and Coolant Cleaning

Available in 4.5" and 2.5" Blade Length



Vacuum Pedestal & Grinder-Guard with LED

Increase Visibility and Capture Debris