

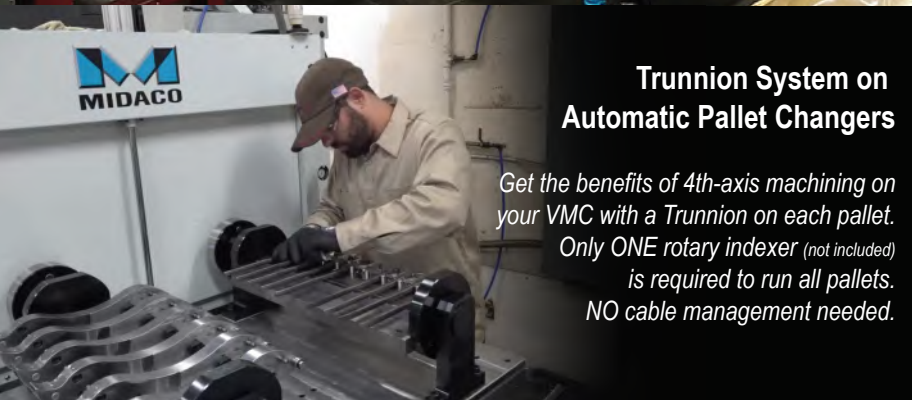
Get MORE Out of Your VMCs



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.



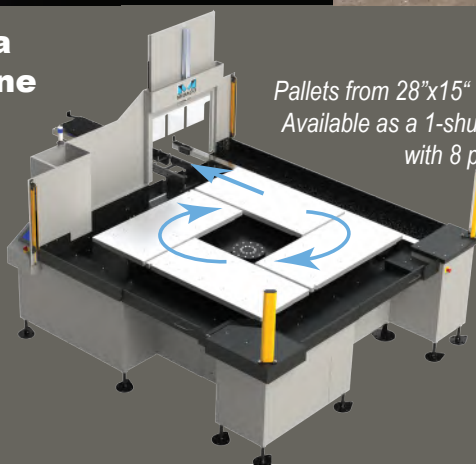
Trunnion System on Automatic Pallet Changers

Get the benefits of 4th-axis machining on your VMC with a Trunnion on each pallet. Only **ONE** rotary indexer (not included) is required to run all pallets. **NO** cable management needed.



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 from 28"x15" (711mm x 381mm) up to 50"x24" (1270mm x 609mm)
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.
Sliding load stations on 2 sides of the shuttle for convenient pallet access.




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Your Trusted Partner

Since 1969. Delivering innovative CNC automation solutions and machine shop efficiency products to maximize productivity and minimize idle time for a lifetime of manufacturing success.



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"

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

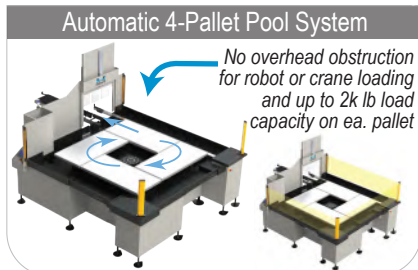


Automatic "Dual System" for Large Mills*

- 2 shuttles
- 2 pallets

up to 32k lb
load capacity ea. pallet

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



Automatic 4-Pallet Pool System

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

Pallet Sizes from 28"x 15" up to 50"x24"



Manual & "Micro" Pallet Changer

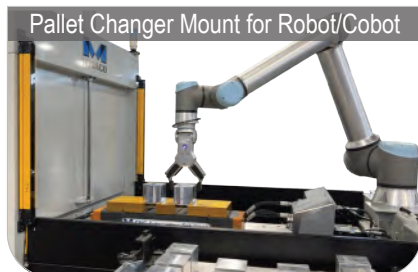
Pallet Sizes from 16"x14" to 60"x25"



Trunnion for 4-Axis Machining on VMC

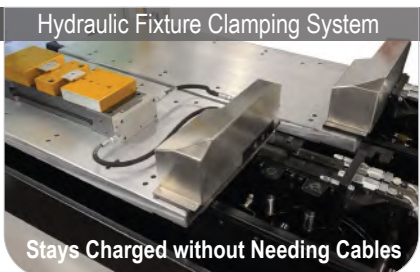
No Cable
Management
Needed

Only 1 rotary indexer required for 2 pallets



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



CNC Chip & Coolant Maintenance

Automatic Coolant Cleaning System
and Chip Washdown System



Robot Access Door for Any Enclosed CNC

Retrofit for Alternate CNC Access



CNC AutoDoor Opener System

Ideal for Robot/Cobot Part Loading



MIDACO CNC Chip Fan

Available in 4.5" and 2.5" Blade Length



Industrial Vacuums for CNC Fluid & Chips

Filtered for Easy Disposal or Reintegration



Industrial Floor Cleaning Machines

Commercial Floor Scrubbers & Sweepers



Vacuum Pedestal & Grinder-Guard with LED

Increase Visibility and Capture Debris