



# Workholding Management

## for Pneumatic & Vacuum Hoses on Automatic Pallet Changers

Simplify the use of pneumatic workholding and vacuum tables. MIDACO's **Workholding Management** and hose reel system is a robust solution for efficient hose management on Automatic Pallet Changers, seamlessly integrating into CNC machining environments.

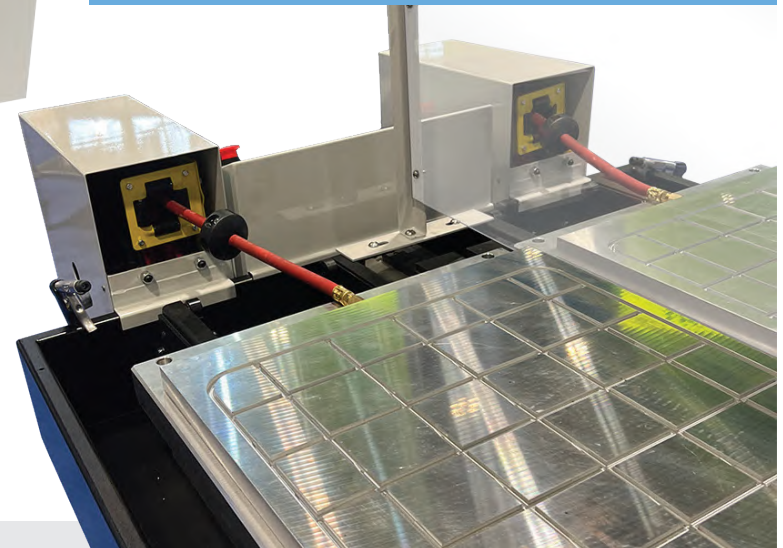
### Key features:

- **Dual Reels:** Two high-quality reels enable the management of air and vacuum hoses for fixtures and vices mounted on the pallet changer table.
- **Smooth Operation:** The system includes a door-roller guide system ensuring that the hoses are not hindered maintaining a seamless workflow.

### Workholding Management Part Numbers:

- with Pneumatic hoses - #PHR30/80
- with Vacuum hoses - #VHR30/80

*for Automatic Pallet Changers series A30SD up to A80SD*



This advanced system is mounted on both the left and right sides of the MIDACO pallet changer shuttle, ensuring optimal organization and functionality.

Designed for quick, seamless integration, this system eliminates the engineering needed to keep your hoses safe and secure during pallet changes. A turnkey solution to get you up and running quickly.





# 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

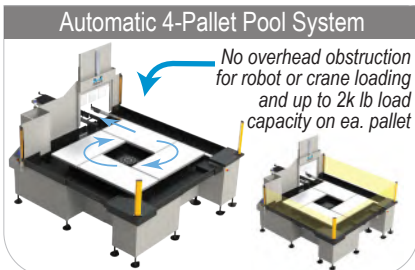


Automatic "Dual System" for Large Mills\*

- 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

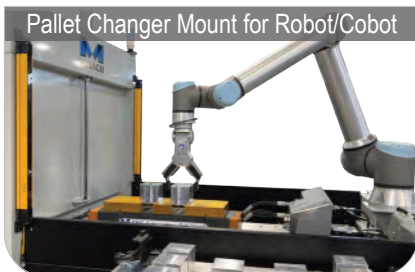
Pallet Sizes from 16"x14" to 60"x25"



Trunnion for 4-Axis Machining on VMC

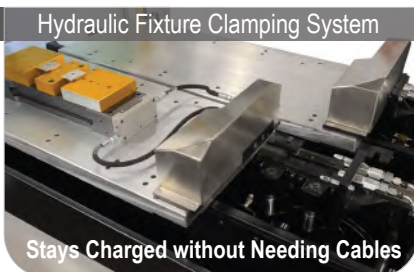
No Cable  
Management  
Needed

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