



# Pallet Changer Model Guide

for  **DN** Machines



**Affordable CNC Automation  
and Productivity Solutions**

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**MIDACO** has Pallet Changers and Automatic Door Openers for DN Solutions machining centers. Increase productivity and decrease spindle idle time with a MIDACO. **KEEP THE SPINDLE RUNNING!**

# MIDACO Model Guide for DN Solutions Machines



## Series A16SD

**A2216SDDNM4000**  
for DNM 4000



## Series A30SD

**A3016SDSVM4100**  
for SVM 4100



## Series A40SD

**A4020SDDNM5700**  
for DNM 5700



## Series AS50SD

**AS5020SDDNM5700L**  
for DNM 5700L



## Series A50SD

**A5025SDDNM6700**  
for DNM 6700



## Series A60SD

**A6030SDDNM750II**  
for DNM 750 II



## Series A80SD

**A8430SDDNM750LII**  
for DNM 750L II



## Large and Dual Series

**A10038SDMYNX9500**  
for MYNX 9500  
1 - shuttle  
2 - pallets



## AutoDoor Openers

For Single and Double doors on Milling and Turning Centers.



**A3017SDDNM4500**  
for DNM 4500



## Light Curtain

3-sided guarding option available on all Automatic Pallet Changers



**A4020SDBVM5700**  
for BVM5700



**A4020SDMYNX5400**  
for MYNX 5400



**AS5020SDSVM5100L**  
for SVM 5100L



**A5025SDMYNX6500**  
for MYNX 6500



## Manual Pallet Changers\*

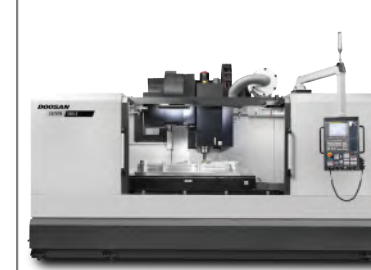
Front-load shuttle with pneumatic receiver and two pallets available in sizes from 22"x16" up to 60"x30" or custom application.

Micro & Manual pallets without shuttle available in sizes 12.75"x10.5" to 22"x16".

\*Manual Pallet Changer may require a Transfer Bridge depending on position of VMC control panel. Contact us for quote.



**A6030SDMYNX7500**  
for MYNX 7500



**A8438SDVM960**  
for VM 960



**A12060SD/120SDSSDBM1530**  
for BM 1530  
2 - shuttles  
1 - pallet ea.



**A14080SDSDBM2035M**  
for BM 2035M  
2 - shuttles  
1 - pallet ea.



## Robot Access Doors

Available for any enclosed machine tool for alternate side or top access.



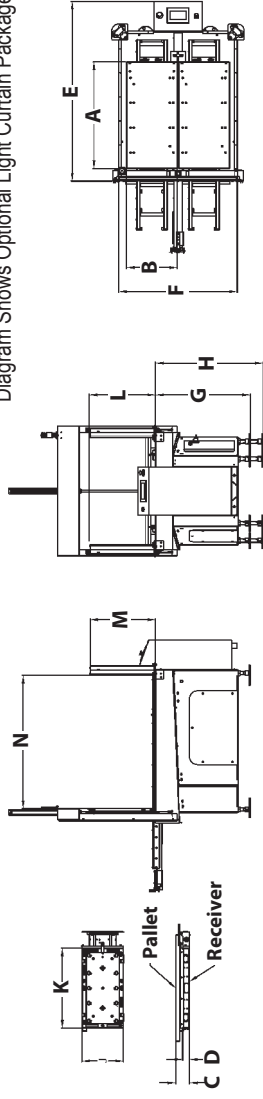
# AUTOMATIC PALLET SYSTEM SPECIFICATIONS

MIDACO pallet systems are designed for machines with stationary guarding. Some machines require options or customization. Contact your sales representative to confirm model and specifications for all applications.

Automatic Specifications	A2215SD & A2216SD	A2416SD & AS2716SD	A3016SD	A3018SD & A3020SD	A4025SD	AS4525SD	AS5020SD	AS5025SD	A5025SD	A6025SD, A6030SD, A6432SD	A6040SD & A6440SD	
	lbs. / in	kg / mm	lbs. / in	kg / mm	lbs. / in	kg / mm	lbs. / in	kg / mm	lbs. / in	kg / mm	lbs. / in	kg / mm
Clamping Force*	4500	2041.2	4500	2358.7	5200	2358.7	5200	2358.7	5200	2358.7	5200	2358.7
Receiver Weight	95	43.1	95-107	43.1-48.5	223	101.2	239	108.4	240	108.9	243	110.2
Pallet Thickness	1	25.4	1-1.25	25.4-31.8	1.5	38.1	1.5	38.1	2	50.8	2	50.8
Pallet Load Cap**	250-500	113.4-226.8	250-500	113.4-226.8	1000†	453.6	1000†	453.6	2000	907.2	2000	907.2
A (Pallet X Dim)	22	558.8	24-28	609.6-711.2	30	762.0	40	1016.0	45	1143.0	50	1270.0
B (Pallet Y Dim)	14-15	355.6-381	14-15	355.6-381	15.5	393.7	17-19	431.8-482.6	19	482.6	24	609.6
C	4.13	104.9	4.13-4.4	104.9-111.1	5.17	131.3	5.17	131.3	5.67	144.0	5.67	144.0
D	2.5	63.5	2.5	63.5	2.56	65.0	2.56	65.0	2.56	65.0	2.56	65.0
E	47.1	1196.3	53	1346.2	57.4	1458.0	68	1727.2	77.4	1966.0	77.4	1966.0
F	35.2	894.1	35.2	894.1	36.2	919.5	44.2	1122.7	44.2	1122.7	54.2	1376.7
G (Min Height)	34.8	883.9	34.8	883.9	38	965.2	38	965.2	38	965.2	38	965.2
H (Max Height)	44.8	1137.9	44.8	1137.9	49	1244.6	49	1244.6	49	1244.6	49	1244.6
J (Receiver)	13	330.2	13	330.2	15.5	393.7	15.5	393.7	15.5	393.7	15.5	393.7
K (Receiver)	18	457.2	18	457.2	30	762.0	30	762.0	30	762.0	30	762.0
L (Door Opening)	16	406.4	16	406.4	20	508.0	20	508.0	20	508.0	20	508.0
M (LC Height)	24	609.6	24	609.6	24	609.6	24	609.6	24	609.6	24	609.6
N (LC Opening)	30	762.0	36	914.4	39.9	1013.5	49.9	1269.0	59.9	1521.5	73.7	1872.0

Automatic Specifications	A8030SD & A8432SD	A8035SD & A8440SD	A12030SD & A12040SD	A15032SD
	lbs. / in	kg / mm	lbs. / in	kg / mm
Clamping Force*	20500	9298.6	20500	9298.6
Receiver Weight	1298	588.8	1400	635.0
Pallet Thickness	2.5	63.5	2.5	63.5
Pallet Load Cap**	8000	3628.7	8000	3628.7
A (Pallet X Dim)	80-84	2032-2133.6	120	3048.0
B (Pallet Y Dim)	29-31	736.6-787.4	34.5-39	876.3-990.6
C	8.12	206.2	8.1	205.7
D	4.24	107.7	4.24	107.7
E	120.5	3060.7	120.5	3060.7
F	73.2	1859.3	85	2159.0
G (Min Height)	45	1143.0	45	1143.0
H (Max Height)	57-65	1448-1651	57-65	1448-1651
J (Receiver)	25.5	647.7	25.5	647.7
K (Receiver)	75	1905.0	75	1905.0
L (Door Opening)	32	812.8	32	812.8
M (LC Height)	36.3	922.0	36.3	922.0
N (LC Opening)	99.2	2519.7	97.7	2481.6

Diagram Shows Optional Light Curtain Package



**NOTE: Pallet load capacity is based on the weight of the parts evenly distributed on pallet.**

\*At 100PSI (6.9 bar) \*\*At 120PSI (8.2 bar) with weight evenly distributed on pallets  
 † Optional 2000 lb (907kg) Pallet Load Capacity with weight evenly distributed on pallets.  
 Patented. Specifications subject to change without notice.



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