



Pallet Changer Model Guide

for  **DN** Machines



Affordable CNC Automation and Productivity Solutions

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

A2216SD
for DNM 4000



Series A30SD

A3016SD
for SVM 4100



Series A40SD

A4020SD
for DNM 5700



Series AS50SD

AS5020SD
for DNM 5700L



Series A50SD

A5025SD
for DNM 6700



Series A60SD

A6030SD
for DNM 750 II



Series A80SD

A8430SD
for DNM 750L II



Large and Dual Series

A10038SD
for MYNX 9500
1 - shuttle
2 - pallets



AutoDoor Openers

For Single and Double doors on Milling and Turning Centers.



A3018SD
for DNM 4500



A4020SD
for BVM5700



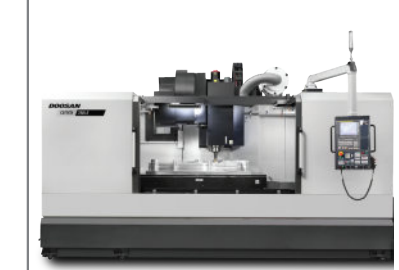
AS5020SD
for SVM 5100L



A5025SD
for MYNX 6500



A6030SD
for MYNX 7500



A8438SD
for VM 960



A12060SD/120SDSSD Dual
for BM 1530
2 - shuttles
1 - pallet ea.





Robot Access Doors

For alternate access on any enclosed CNC.



A4020SD
for MYNX 5400

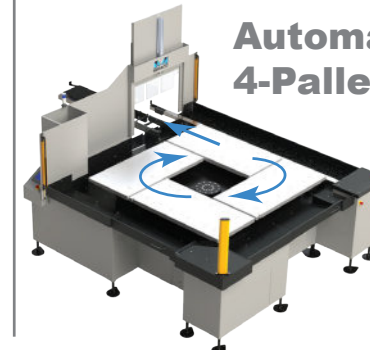
Light Curtain
3-sided guarding available on all Automatic Pallet Changers   



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.

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



Automatic Rotary 4-Pallet Changer

Available from 28" x 15" up to 50" x 24" XY pallet sizes.

A14080SD/140SDSSD Dual
for BM 2035M
2 - shuttles
1 - pallet ea.



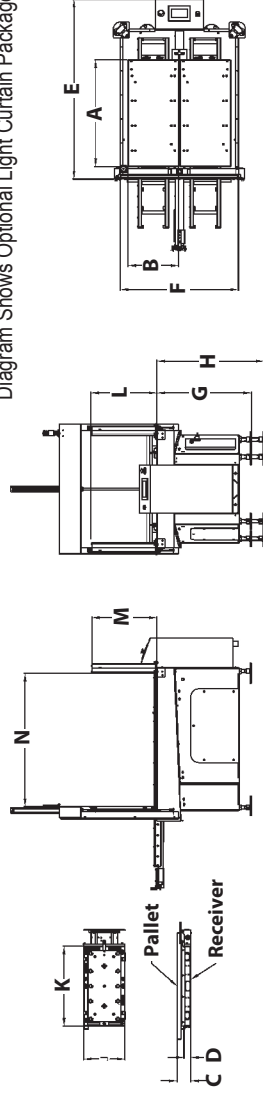
AUTOMATIC PALLET SYSTEM SPECIFICATIONS

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	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	5200	2358.7	5200	2358.7	7500	3401.9	7500	3401.9	15400	6985.3
Receiver Weight	95	43.1	95-107	43.1-48.5	223	101.2	243	110.2	243	110.2	594	269.4
Pallet Thickness	1	25.4	1-1.25	25.4-31.8	1.5	38.1	2	50.8	2	50.8	2	50.8
Pallet Load Cap**	250-500	113.4-226.8	250-500	113.4-226.8	1000†	453.6	2000	907.2	2000	907.2	4000	1814.4
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	76.4	1940.6
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	52	1320.8
J (Receiver)	13	330.2	13	330.2	15.5	393.7	15.5	393.7	15.5	393.7	19.5	495.3
K (Receiver)	18	457.2	18	457.2	30	762.0	30	762.0	30	762.0	50	1270.0
L (Door Opening)	16	406.4	16	406.4	20	508.0	20	508.0	20	508.0	28	711.2
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	1267.5	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	4.25	108.0
E	120.5	3060.7	161	4089.4
F	73.2	1859.3	85	2159.0
G (Min Height)	45	1143.0	45	1143.0
H (Max Height)	57-65	1448-1651	52	1320.8
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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