

MegaStation™

Vertical Carousel

Automated Storage and Retrieval System



STANDARD SPECIFICATIONS

- Required room height = machine height + 2.18"
- Total depth = machine depth + 11.81" (work table depth)
- Units can be placed back-to-back or side-by-side
- Maximum imbalance Load = 4620 lb. (model dependent)
- All maintenance can be done from front access panel
- Carriers are available in 3 standard depths, 3 standard widths and various heights per model
- Carrier pitches available 8" - 20"
- Electronics located in overhead control access panel for easy maintenance
- Colors - A variety of standard colors available
- Transport Speed: All Model = .5 ft/s
- Multiple power requirements available
- Drive: Model = 1000 - 1.8 KW 3 Phase-Brake-Motor
Model = 1500 - 3 KW 3 Phase-Brake-Motor
Model = 2000 - 5.5 KW 3 Phase-Brake-Motor
- Backlit alphanumeric LCD display
- Membrane keypad w/ large keys
- Manual override switches for emergency operation
- Controlled soft start and stop along with precise carrier positioning
- Serial interface RS 232C and RS 485

SAFETY FEATURES

- Interrupt safety switches on service and access port doors
- Photocells 4, 6 or 8 pairs for operator safety and product protection
- Two emergency stop buttons
- Drive chain safety factor of 7:1
- Motor overload protection with thermosensors and switches

OPTIONS

- Microprocessor Controller with computer interface
- Imbalance indicator
- Light bar to show picking position
- 7-Segment-display to indicate product depth location
- Easy barcode scanning capabilities

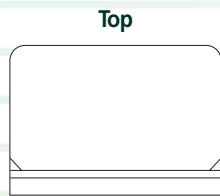
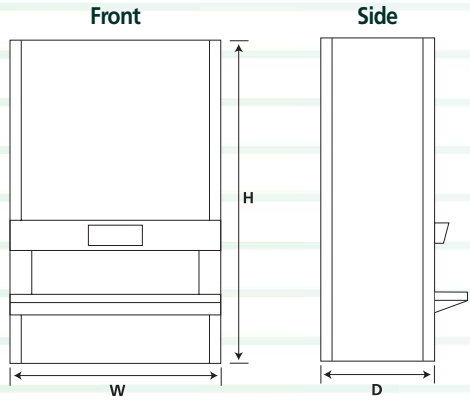
SERIES 1000			
Models	1044	1054	1064
	1045	1055	1065
	1046	1056	1066

SERIES 1500			
Models	1544	1554	1564
	1545	1555	1565
	1546	1556	1566

SERIES 2000			
Models	2044	2054	2064
	2045	2055	2065
	2046	2056	2066

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WORK AREA:

Depth of work area: 11.81"
Height of work surface: 39.37"
Access opening: 20.47"
Width of work area is identical to the machine width.

MACHINE DIMENSIONS

Series	Model	Width in.	Depth in.	Access Width in.
1000	1044	109.73	49.76	94.61
	1045	121.06	49.76	106.53
	1046	128.94	49.76	114.41
	1054	109.73	57.24	94.61
	1055	121.06	57.24	106.53
	1056	128.94	57.24	114.41
	1064	109.73	65.12	94.61
	1065	121.06	65.12	106.53
1500	1066	128.94	65.12	114.41
	1544	118.30	53.31	94.61
	1545	129.96	53.31	106.53
	1546	137.83	53.31	114.41
	1554	118.03	60.79	106.53
	1555	129.96	60.79	114.41
	1556	137.83	60.79	114.41
	1564	118.03	69.84	94.61
2000	1565	129.96	69.84	106.53
	1566	137.83	69.84	114.41
	2044	118.03	53.31	94.61
	2045	129.96	53.31	106.53
	2046	137.83	53.31	114.41
	2054	118.03	60.79	94.61
	2055	129.96	60.79	106.53
	2056	137.83	60.79	114.41
	2064	118.03	69.84	94.61
	2065	129.96	69.84	106.53
2066	137.83	69.84	114.41	

MACHINE DETAILS

Below are listed machine details for a few selected models.

Model	Machine Height Inch	Empty Weight Without Standard Carrier lb.	Empty Weight With Standard Carrier lb.	Max. Carrier Load With Standard Carrier	Avg. Picking Time
1044/203/57	252.26	3476	8492	397	23
1055/305/37	251.57	3388	8206	397	23
1056/330/34	250.79	3410	8206	397	22
1065/381/28	245.28	3320	7744	397	21
1066/406/27	251.57	3410	8030	397	22
1544/229/63	312.20	6402	12078	661	29
1644/495/28	314.57	6490	11660	772	28
2044/254/56	309.06	6842	12628	1323	28
2055/406/34	307.48	6776	12078	803	28
2066/508/27	312.20	6908	12364	990	27

Machine Height

Is determined by individual model number. Listed below is the minimum and maximum for each model.

Model 1000

Minimum Height 90.95" (2310mm)
Maximum Height 295.28" (7500mm)

Model 1500

Minimum Height 110.63" (2810mm)
Maximum Height 393.70" (10000mm)

Model 2000

Minimum Height 110.63" (2810mm)
Maximum Height 393.70" (10000mm)

All models can be customized to meet most any application.

All specifications are nominal and subject to change without notice.