Kardex Megamat 115 VCM

Equipment Specifications

Overall Unit Specifications:

Base Unit includes lockable bi-parting door (unless automatic door has been chosen), dust cover/top, all safety circuits, safety light curtain, emergency stop left & right side, touch bars (upper and lower), motor, manual handcrank, electronics and TUV label.

Quantity of Carousels	:	1
Model Number	:	**115-914N**
Overall Unit Width	:	71.26 inches (1810 mm)
Overall Unit Depth (without posting board)	:	36.42 inches (925 mm)
Work Counter (posting board) Depth	:	11.82 in. (300 mm)
Overall Unit Height	:	86.62 inches (2200 mm) — Minimum Ceiling Height: 87.41 inches (2220 mm)
Unit Weight Empty (includes carrier weight)	:	1879 lbs.
Unit Weight - Fully Loaded	:	4849 lbs.
Max. Total Load (including carrier dead weight)	:	4070 kg (8,973 lb)
Top Tolerance at Balanced Load	:	+/- 15mm (.059")

*Units can be placed side by side, or back to back. When a unit is to be installed through a ceiling or in a niche, free space of approximately 1.2" (30 mm) is required all around the unit.

Average Floor Load (*based on Unit weight--fully loaded*)	:	**1.87 lbs./in² (269.05 lbs./ft²)**
Supporting contact surface	:	**100.28 in² /647 cm²**
Dynamic Unit Weight (Newtons)	:	**29,129**
Dynamic Floor Load Bearing Capacity	:	**2.53 lbs./in² (364.32 lbs./ft²)**
Maximum Imbalance Load	:	300 kg (660 lbs)
Cycle Speed	:	6.75 inches / second
Average Access Time (1/4 carousel revolution)	:	4.5 seconds
Color Selection (Endframes)	:	Standard-Light Gray
Color Selection (Panels)	:	Standard - Silver Fir Blue
Noise Level	:	61 db(A)

Access Opening Information:

Work Counter Type & Height	:	Standing 39.4 in. (1000mm)
Work Counter Finish	:	Standard Light Gray Finish
Door Type	:	Standard Manual Bi-parting Door w/Keylock
Opening Clear Height	:	19.41 in. (493mm)
Access Lighting	:	Full Width Light Above Access Opening

Power & Controls:

Power Supply	:	110 Volt /1-/60 Hz
Drive, Gear Motor	:	AC - Gear Motor - 1.5 kva
AMP Draw	:	16 AMP — Breaker Size: 20*
Average Power Consumption	:	1.2 KVA (3.0 KVA Maximum) — **Cannot be wired to a breaker or outlet that uses a GFI circuit.*
Control	:	T0 Control
Controller Location	:	Work Counter/Table
E-Stop	:	Included Left & Right Side of Access Opening
Emergency Service Switch	:	Included
Computer Interface	:	No
Imbalance Detection	:	Imbalance Detection Module Included

Standard Safety Features

Expanded Error Indicator	Upper and Lower Mechanical Safety Bars (Doors)
Safety Light Curtain	Safety Switches for Lower Front Access Panel and Hand Crank Opening
E-Stop Left & Right Side	Emergency Service Switch

Standard Features included in Base unit

Electronics Located in the Bottom Access Panel	Top Dust Cover
Hand Crank for Installation of Carriers and Service	Access for Service from Front

Additional Features and Options

Dirak Access Panel Lock Kit Included

Carrier Specifications:

			Specifications Per Carrier						
Carousel's Carrier Configuration		**Qty**	**Clear Height**	**Clear Width**	**Clear Depth**	**Max. Capacity**	***Avg. Capacity**	**LFI Per Carrier**	**Total LFI Per Carrier Style**
	:								
	:								
	:								
	:								
	:								
	:								
Multipurpose Carrier	:	9	12.83	57.09	12.67	330 lbs.	330 lbs.	57	513
	:		6.18	56.61	12.63				
	:		3.97	56.61	12.63				
	:								
	:								
	:								
	:								
	:								
Total Linear Filing Inches (LFI) for 1 unit(s)	:	***513***	*Multimedia Carriers/Drawers are not included in Total LFI calculation*						
(Does not include carriers with additional shelves or drawers)	:		****Avg. capacity is based on a unit configured with one carrier type.*						