

**KARDEX** SYSTEM 250 / 500 / 750

Industrial Carousels

*[Made in Australia]***The ultimate in Productivity, Security and Space Efficiency**

Kardex Vertical Carousel Systems bring the goods to the operator. In doing so, travelling time is eliminated, picking accuracy is guaranteed and floor space savings are significant.

**Advantages**

For many companies, vertical carousels are the most cost effective and efficient storage and retrieval system currently available. The advantages of vertical carousels can be summarised as follows:

**High Pick Rates:**

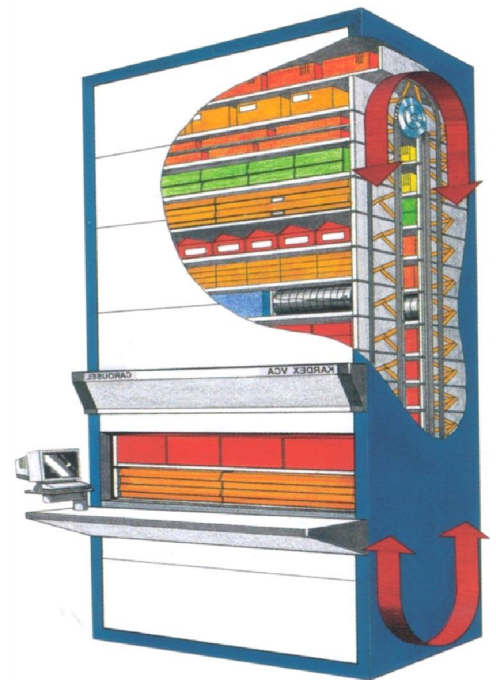
200+ line items per hour, per carousel, are achievable in both group picking and continuous picking modes. Consistent picking each 15 to 20 seconds is common place for an optimised system.

**Operator Efficiency:**

One operator can operate multiple carousels simultaneously and works a pick face of just 3.6m per machine compared to '000s of meters of traditional shelving.

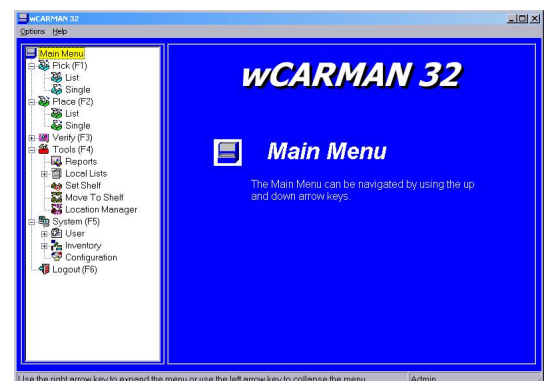
**Space Saving:**

Due to the high storage density provided by purpose designed binning, it is possible to condense over 100m<sup>2</sup> of conventional steel shelving storage into a footprint of just 10m<sup>2</sup> (Subject to adequate overhead space.) Space / volume utilisation should be higher than 80% compared to less than 30% in conventional shelving.

**System Integration**

wCARMAN™ is Kardex VCA's proprietary inventory management and Carousel control software. wCARMAN™ provides functionality to operate either as a stand-alone unit or interfaced to host ERP / MRP systems such as SAP, BPICS, JDEdwards and many others.

wCARMAN™ is designed for the warehouse, storeroom, factory or workshop environment. It is simple to operate with a customisable menu system for each activity. Bar code scanners, weigh scales and label printers can easily be added to integrate seamlessly with standard Carousel functions.

**Contact Us:**

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**Kardex VCA Pty Ltd**

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## Typical Specifications:

Kardex Vertical Carousel Systems are manufactured to suit each customer's individual storage requirements and site conditions. Tables below illustrate storage and payload capacity according to height and system rating. These examples are all based on a standard carrier pitch of 16" (406 mm). Carriers available in widths of 3000mm, 3300mm or 3600mm. Our most popular size is 3600mmW.

### Carousel Footprint:

SYSTEM		3000	3300	3600
Unit Width	mm	3,670	3,970	4,270
Unit Depth (incl Bench)	mm	2,140	2,140	2,140

### Carrier Specifications:

SYSTEM		250	500	750
Payload per carrier	kg	250	500	750
Carrier width	mm	3,600	3,600	3,300
Carrier depth	mm	600	600	600
Carrier Height	mm	360	360	340
Storage capacity	m <sup>3</sup>	0.8	0.8	0.7

### Storage capacity and payload guidelines:

Height (metres)	No of Carriers	System 250		System 500		System 750	
		Cube (m <sup>3</sup> )	Payload (kg)	Cube (m <sup>3</sup> )	Payload (kg)	Cube (m <sup>3</sup> )	Payload (kg)
3.0	11	8.8	3,025	8.8	5,500	7.4	8,250
4.0	15	12	4,125	12	8,250	10.0	12,375
5.0	20	16	5,500	16	11,000	12.8	16,500
6.0	25	20	6,875	20	13,750	16.8	20,625
7.0	30	24	8,250	24	16,500	20.1	24,750
8.0	35	28	9,625	28	19,250	23.5	28,875

## Photo Gallery:

Kardex VCA has over 750 Vertical Storage Units installed in more than 350 sites around Australia and New Zealand. Our industry sectors include aerospace, automotive, public administration, defence, distribution, manufacturing, medical, mining, petrochemicals and pharmaceuticals to name just a few.

High Density Storage



SortBench Multi VC System



Stand Alone system



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