

SortBench™







Kardex Vertical Carousels and Vertical Lifts

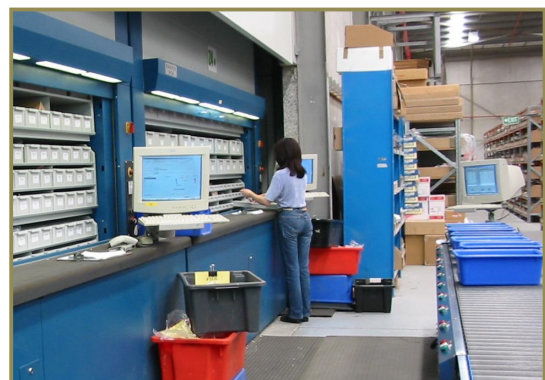
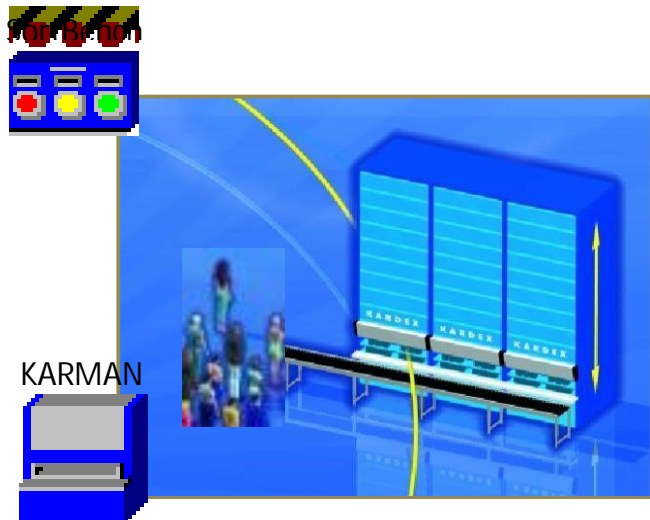
[Australian Design]

SortBench™ is Kardex's multi-order picking system for processing of up to 20 orders consecutively. *SortBench™* is a hardware and software combination that uses the pick to light, place to light (PTL) strategy and provides order consolidation at the pick face. *SortBench™* is traditionally used in conjunction with our Carousels and Shuttle® vertical storage units (VSU) and associated inventory applications of *KARMAN™* and *KARMANLite™* and can also be used with our *RackMAN™* inventory handling software.

SortBench™ is the focus of our order handling for multi machine and single machine systems. *SortBench™* can be used with any combination of Carousels and Shuttles. Orders are presented from the host system directly to *SortBench™* for operator selection using keystroke entry or barcode selection. *SortBench™* facilitates the picking of 10 or more orders consecutively, supports multiple machines and operates in cascaded systems, providing measurable benefits in increased productivity and order throughput.

Features

-  *SortBench™* controls delivery to and management of all electronic orders (list files) at the VSUs. Commencement and interruption of orders at all VSUs is handled by the operator via *SortBench™*.
-  *SortBench™* manages induction of new orders to the bench either automatically or on demand.
-  Orders can be interrupted and resumed multiple times providing maximum accessibility for counter sales and single item or urgent requests.
-  *SortBench™* can be used for normal group picking or for continuous picking. With continuous picking, automatic order induction is also possible.
-  Continuous picking allows new orders to be inducted on to the bench as each order is completed. This process is controlled by the operator and will ensure maximum utilisation of both the machines and *SortBench™* system. Machine movement will always be optimal for the orders that are active on *SortBench™*.
-  Under 'Continuous Picking', no order will remain on the bench longer than a nominated time. If an order has not been completed in a nominated time frame, *SortBench™* will automatically raise the order priority to ensure all orders are picked.



Automatic picking will induct new orders to the bench when a free station becomes available. This solution is well suited to the 'paperless' warehouse.

- ☐ All orders can be given a priority by the host system. Order priority can be changed by the operator when an order is inducted into *SortBench™*.
- ☐ *SortBench™* will also manage urgent orders. Urgent orders are flagged with a 'U' priority. The operator will also be alerted if urgent orders are pending.



- ☐ All pending orders are visible to the operator and all active orders are shown with information about level of completion and order priority. This information will assist the operator to make a decision about whether a group of orders should be interrupted to pick a single item or an urgent item.
- ☐ *SortBench™* provides visual indication that all machines are healthy in the system along with replication of bench lamps in case of bench hardware faults.



Upgrade to SortBench™

To enjoy the benefits that Sortbench™ will provide, you will need to upgrade all of your machine consoles to KARMAN™ and your existing SBCx or CARSERV application to SortBench™.

Your system will need to be using current specification PCs running WIN7 or WIN8 using TCP/IP for network communication.

Please contact our Wodonga office for further information and pricing details to upgrade your site.