

wCARMANLite™

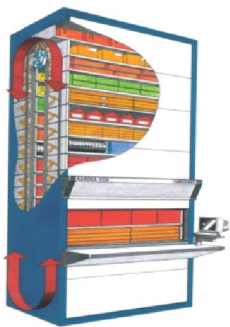
[Australian Design]

VC250 / VC500 / VC750, Shuttle NT / XP / HD

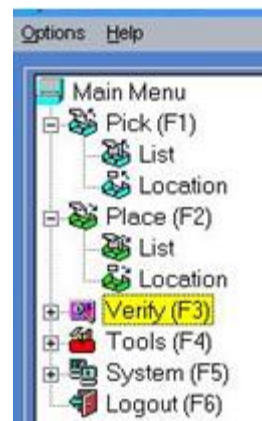
wCARMANLite™ is a native 32bit Windows application used to control Kardex Vertical Carousel and Shuttle™ machines. This application functions under all Windows™ operating systems i.e. WIN95, WIN98, WINNT, WIN2000 and XP. wCARMANLite™ uses an ODBC compliant SQL database which can be configured as a STANDALONE or CLIENT / SERVER configuration.

wCARMANLite™ is based on CARMAN Lite, has all the basic features of wCARMAN, and makes use of the inventory details stored in your comprehensive warehouse management system (WMS). wCARMANLite™ does not store inventory details. Your master inventory information is maintained only in your WMS. Single Pick and Place operations can be undertaken using 'location' details or multiple operations can be performed using fully automated using list files from your WMS.

The following functionality is available in the standard wCARMAN™ product:



- ☒ wCARMANLite has been designed specifically for use *without* a mouse. All forms have been designed with consideration to natural process flow and all functions can be used intelligently with basic keystrokes, such as the Enter, Tab and arrow keys. Carousel environments are typically not conducive to the use of a PC mouse. However, if desired, a mouse can be used.



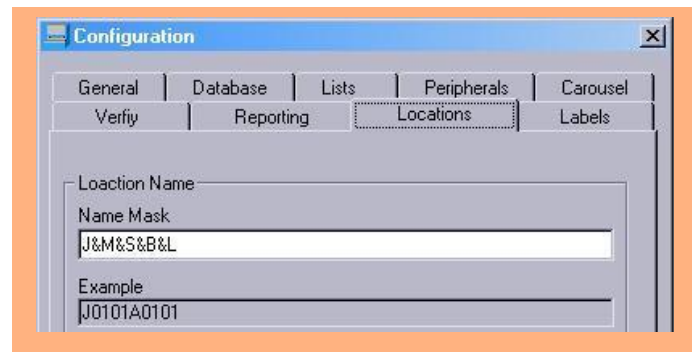
- ☒ Functions are displayed using a collapsing tree structure similar to Windows Explorer.
- ☒ Each function has a unique ICON displayed in the tree structure and on the associated form, making identification of the desired operation easy.
- ☒ All forms are colour coded for ease of identification.
- ☒ All quantity and location information is presented using high contrast colours for easy visibility at a distance.
- ☒ All configuration parameters including shelf configuration are managed within the wCARMANLite™ application.
- ☒ No external configuration files are required, removing the possibility of errors or corruption during editing or uncontrolled shutdowns.
- ☒ Only one instance of wCARMANLite™ can be loaded at any time.
- ☒ System configuration parameters can only be changed by the nominated system administrator.



wCARMANLite™ Features

Carousel Configuration

- ☞ Flexible location naming convention to fit in with existing racking identification. Provision for two digit or single digit identification.
- ☞ Single / Multi carousel support
- ☞ Sortbench support including "Continuous Picking"
- ☞ Lot Number support
- ☞ Label printer support
- ☞ PICK / PLACE / VERIFY list formats can be customised to suit your process. wCARMAN Lite also supports custom pass through fields which can be used to print label information. wCARMAN has a new default list format, however, it is also backward compatible to the CARMAN Lite list format.
- ☞ Unique operator access configurations can be defined for each user ranging from a single operation to all operations.
- ☞ All available high level functions are displayed to each operator on Login.
- ☞ Automatic parameter / database backup function.
- ☞ Multiple label formats for PICK / PLACE activities
- ☞ Standard reports including 'Audit', 'Shelf'. Additional customised reports can be implemented as add-in modules.
- ☞ Integrated PLC diagnostic functions.



Field Name	Size	State
Status	1	Empty
Location Name	30	Fill
Part Number	30	Either
Description 1	60	Either
Unit	10	Either

PICK / PLACE Operations

- ☞ PICK and PLACE by LOCATION where the location identifier is entered by the operator or scanned from a barcoded label.
- ☞ PICK and PLACE by LIST where the location identifier for each item is compiled in a flat text file. The carousel will process the items in location order.

wCARMANLite™ Installation

wCARMAN Lite has a fully automated installation routine for both clean installations and upgrades. Configuration is simple, using check boxes and selectable fields.