

Authorized Representative
for UAE Market



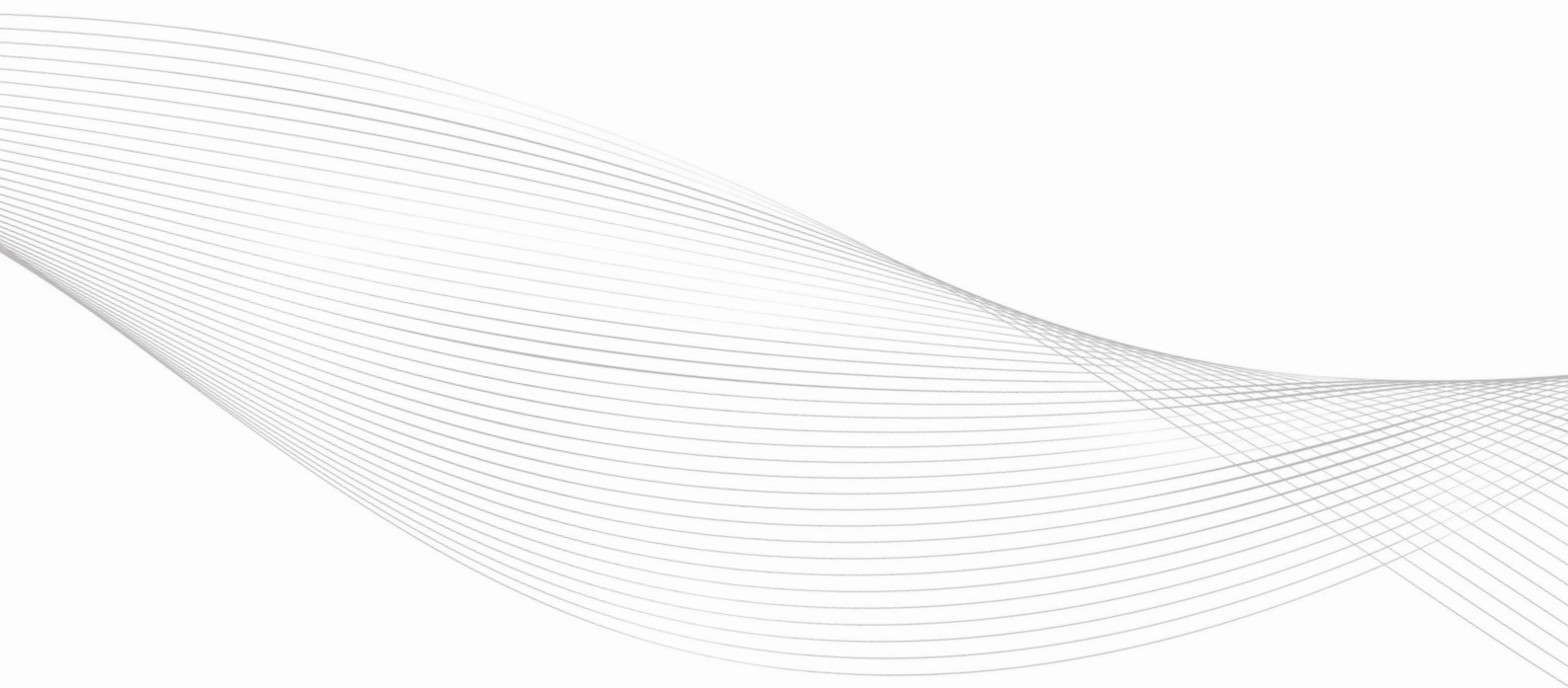
Craftsman
STORAGE SYSTEMS



Advanced Vertical Storage Solutions from

Craftsman
AUTOMATION

“Efficient Storage Solution”

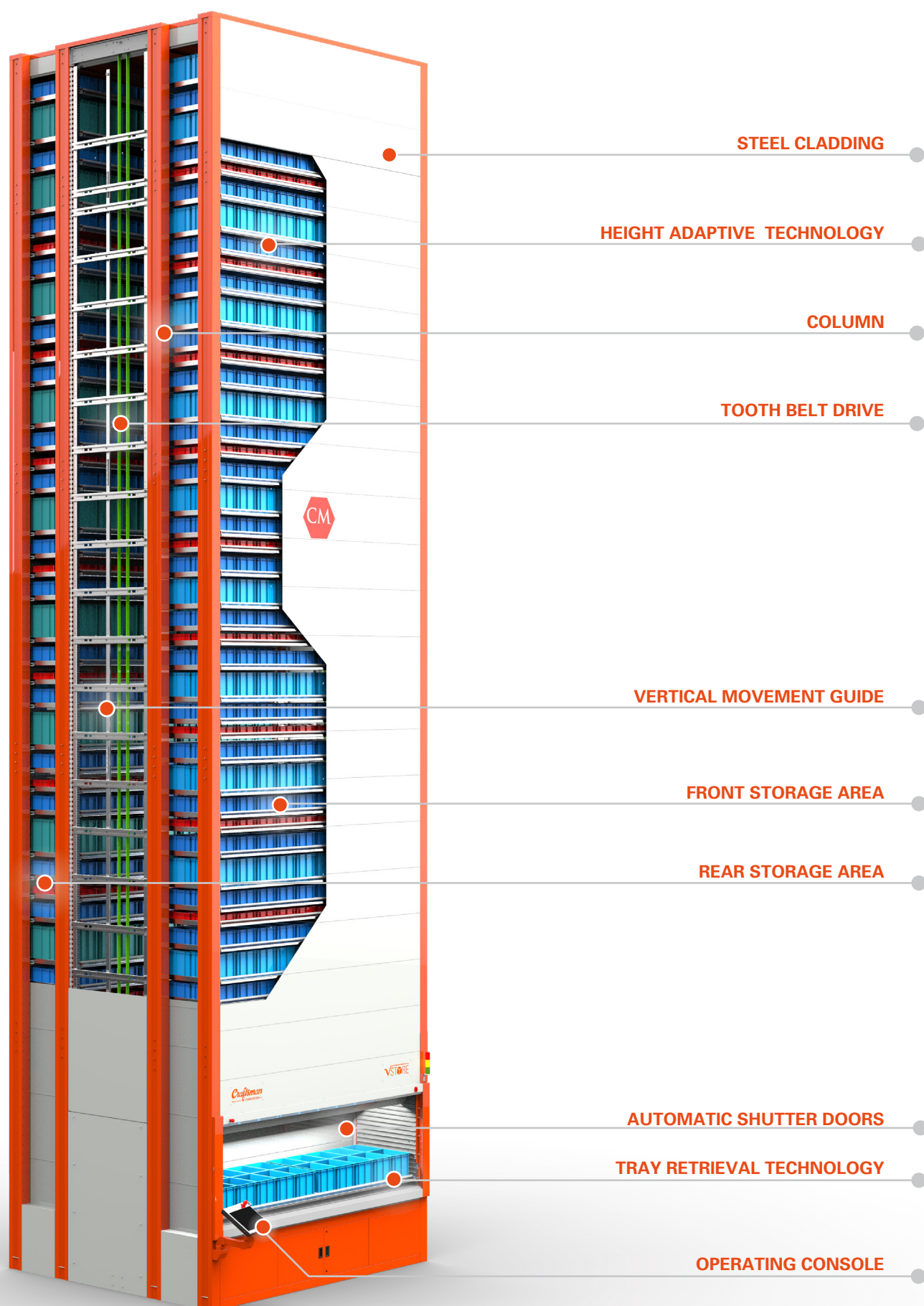
An abstract graphic consisting of numerous thin, wavy lines that flow from the left side of the page towards the right, creating a sense of movement and depth.

Craftsman Storage Systems, a division of Craftsman Automation, provides customized storage solutions through a wide range of storage products.

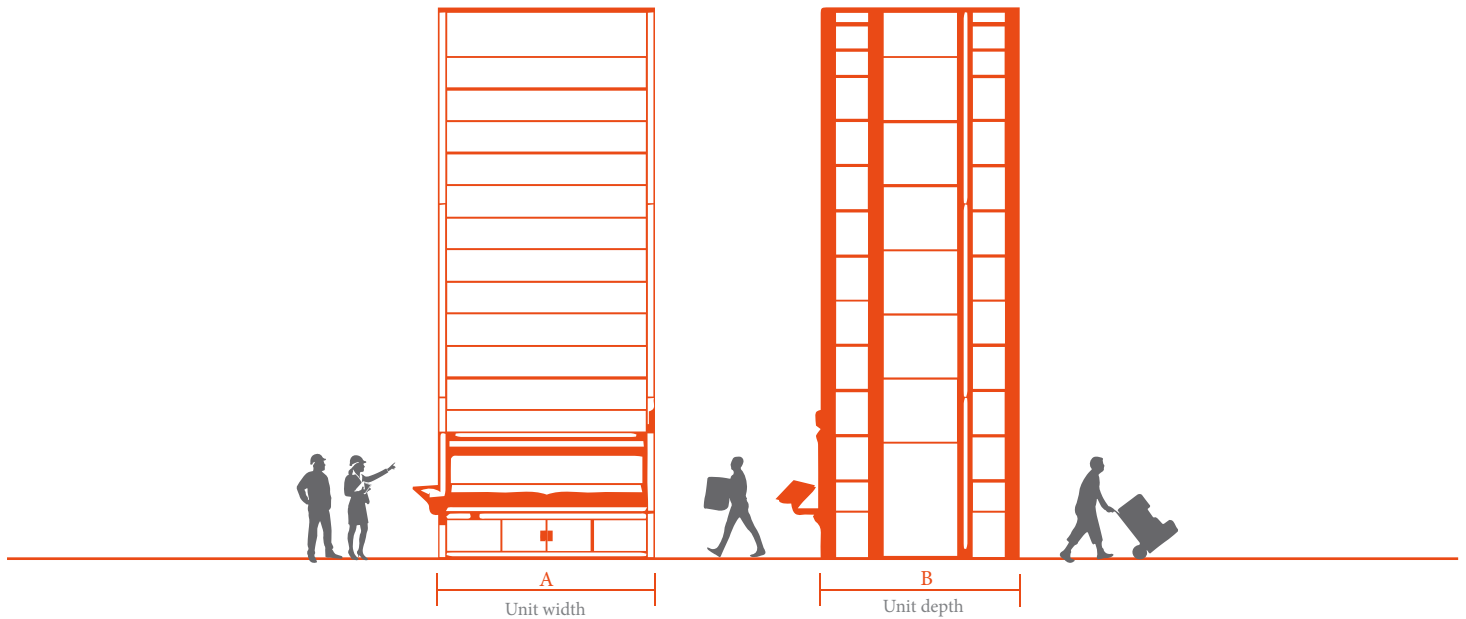
Our Vertical Storage and Retrieval Systems with a small footprint, high density, V Store makes maximum use of floor space and offers cost-effective, efficient, quick and ergonomic solutions to meet your storage and retrieval needs.



TECHNICAL SPECIFICATION



TECHNICAL DATA



TECHNICAL DATA

S.no	Tray width in mm	Load Capacity				A	B
		Regular tray (Depth 865 mm)	Heavy tray (Depth 813 mm)	Universal Tray (Depth 855 mm)	XL tray (Depth 855 mm)	Unit width In mm	Unit depth In mm
1	1340	500 kg	-	-	-	1670	3077
2	1840	500 kg	-	-	-	2170	
3	2440	370 kg	500 kg	-	660 kg	2770	
4	2840	260 kg	465 kg	-	655 kg	3170	
5	3040	210 kg	465 kg	490 kg	650 kg	3370	
6	3250	-	-	470 kg	630 kg	3580	
7	3640	-	-	465 kg	620 kg	3970	

Unit Height : 4050 - 24050mm with an increment of 500mm

Tray Adjustment Pitch : 25 mm

Minimum Tray Distance : 100 mm (Regular Tray & Heavy Tray) , 150 mm (Universal Tray & XL Tray)

TECHNICAL DATA

S.no	Tray width in mm	Load Capacity	A	B	Tray Adjustment Pitch : 50 mm Minimum Tray Distance : 150 mm Unit Height : 4050 - 10050mm with an Increment of 500mm
		XXL tray (Depth 825 mm)	Unit width In mm	Unit depth In mm	
1	1340	1000 kg	1710	3058	
2	1840	1000 kg	2210		
3	2440	900 kg	2810		
4	2840	850 kg	3210		
5	3040	800 kg	3410		
6	3250	-	3620		
7	3640	750 kg	4010		

FEATURES & BENEFITS

EFFICIENT



- Quick storage and up to 80% faster retrieval times than normal shelving
- Intelligent height sensing
- Intelligent weight sensing
- Flexible tray height
- Reinforced tooth belt drive for quiet operation

MODULAR



- Modular construction allows future height increase for expandable storage

SAFE AND SECURE



- Reduced risk of falling goods
- Overload detection and automatic height sensing
- Certified operator touch panel
- Safety interlock and prevents unauthorized access
- Automatic shutter doors for all access openings



S.P.A.C.E



SPACE



PRODUCTIVITY



ACCURACY



CONTROL



ERGONOMICS



ERGONOMICS

- Adjustable tray positioning in access opening for ergonomic loading and unloading
- Swivel mounted operator panel



SAVE

- Lowers floor space up to 80%
- Minimum maintenance
- Increases personnel productivity



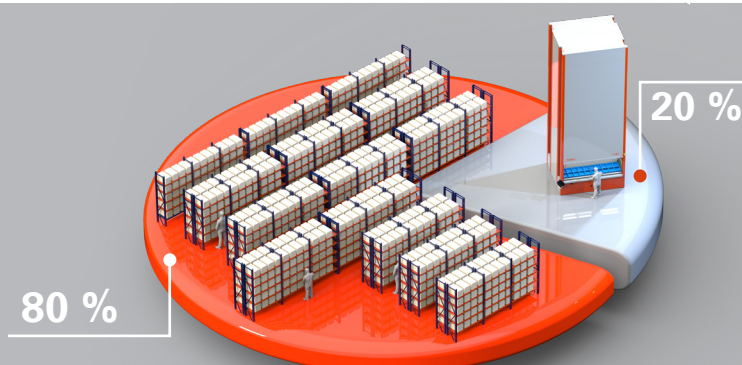
OPTIONS

- Standard single access
- Dual tray exchange option
- Optional multiple access
- Optional customized dividers and partitions for trays



FOOTPRINT

NORMAL RACKS: 80%
V-STORE: 20%





VSTORE



ADDED FEATURES

CUSTOMIZATION

- V store provides various pre or post install customizing options
- It can be resized, moved and altered to meet changing business, facility and application requirements



CUSTOMIZATION

AUTOMATIC TRAY EXTRACTION

- The Automatic/ Semi Automatic tray extraction for the V Store consists of rigid mechanic construction in front of access opening of the system
- The tray extraction device is designed to improve the handling of heavy and bulky goods



AUTOMATIC TRAY EXTRACTION

DUAL TRAY ACCESS

- Dual tray exchange option reduces retrieval time
- Optional customized dividers and partitions available for trays



DUAL TRAY ACCESS

PARTITIONS AND DIVIDERS

- Every tray can be configured with partition and dividers, totes, bins and containers, etc. To meet your exact storage needs
- Saves space and quick access to stored goods



PARTITION AND DIVIDERS

BINS AND CONTAINERS

- Totes, Bins and containers can be stored within the required tray dimensions
- Every millimeter of storage space is utilized



BINS AND CONTAINERS

CUSTOMIZED INSTALLATION

- Installed in the direct vicinity of the production line.
- Can be installed outside the building and skillfully walled, thus increases productivity and reduces floor space



CUSTOMIZED INSTALLATION

HEAVY DUTY

- Our heavy duty trays can carry loads up to 1000kg and setting new standards in terms of loading capacity

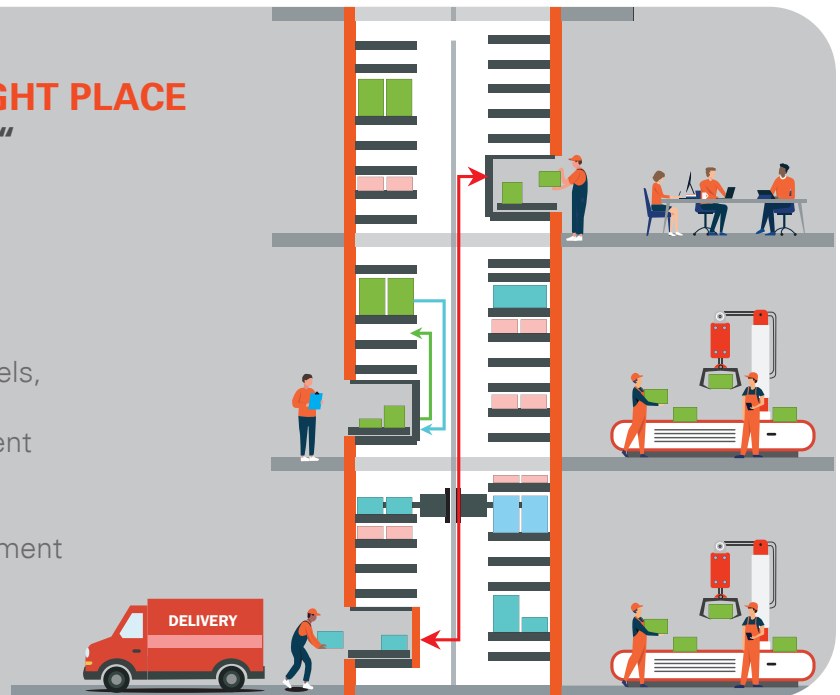


HEAVY DUTY TRAY

"RIGHT MATERIAL AT RIGHT PLACE AT RIGHT TIME "

MULTI FLOOR ACCESS

- Access points at different floor levels, front and back
- Reduce man and material movement time between different floors
- Eliminate Goods Lift
- Store material vertically from basement up to top floor
- Avoid multiple V Store location



CRANE HANDLING

- Heavy goods can be moved easily with the help of the light crane system. The constant availability of the integrated crane and the faster throughput of "goods to person" mean that you save time and money
- Improved ergonomics and increased safety are further benefits of this application



CRANE HANDLING

OPTIONAL FEATURES



LASER POINTER



BIOMETRIC SECURITY



ERP INTEGRATION



BAR-CODE SCANNER

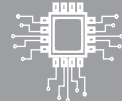




INDUSTRY SEGMENTS



TEXTILE



ELECTRONICS



AUTOMOTIVE



MANUFACTURING



LOGISTICS



WAREHOUSING



PHARMA



TYRE

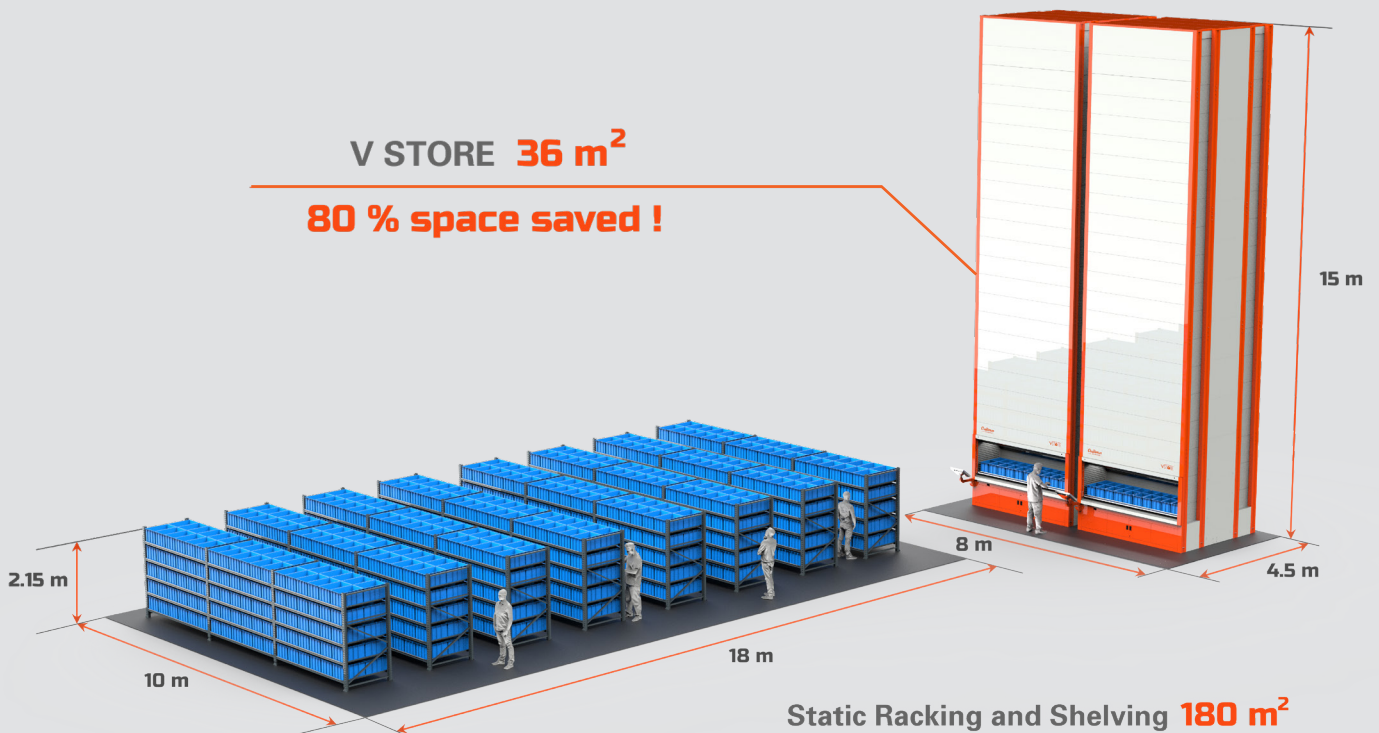


JEWELLERY

FOOTPRINT COMPARISON

V STORE **36 m²**

80 % space saved !



INVENTORY MANAGEMENT SOFTWARE



USER FRIENDLY

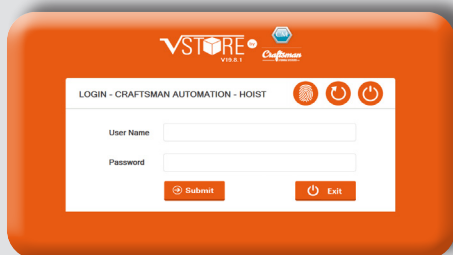
- V Store software is exclusively developed by CAL to set up a communication platform for the user to communicate with the machine
- Every screen of the software is designed with paramount care to make a friendly atmosphere for the user to communicate with the machine

USER MANAGEMENT

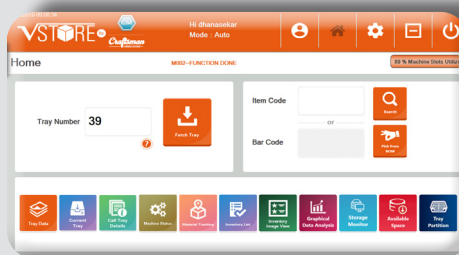
- Individual user profiles can be made in V Store software to manage the storage systematically
- The authorized profiles will get access tray wise User access control to prevent unauthorized access
- All logs will be stored automatically in V Store for effective and secured user management

TOUCH CONTROL INTERACTION

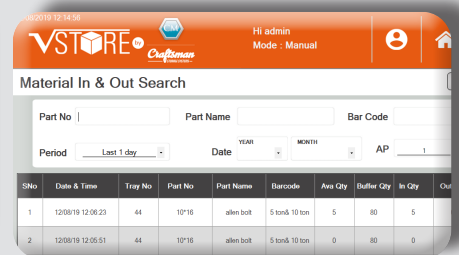
User interaction with the V Store machine through the V Store software is done with the help of the following keypad interfaced with the software



LOGIN PAGE



HOME PAGE



MATERIAL SEARCH

INVENTORY MANAGEMENT

- All inventories can be managed under following categories
- BOM-wise management
- Image-wise management
- Material-wise management

S.No	PartNo	PartName	Quantity
24	101900	key	5
25	10190	allen bolt	494
26	100527	bellwell spring disc	202
27	100908	lock dummy	31
28	11713	O ring	1403
29	10190	allen bolt	1103

INVENTORY LIST

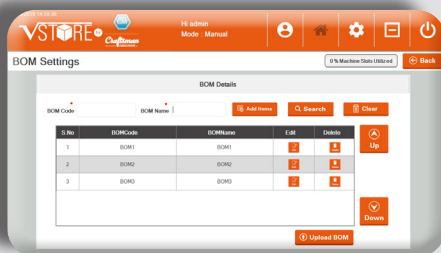
DATA ANALYSIS AND REPORT

- Graphic data analysis gives the overview of the machine productivity, machine status and user desired analysis report
- Helps in tracking the material availability in an effective way
- All data and reports can be exported as PDF, CVS and Excel

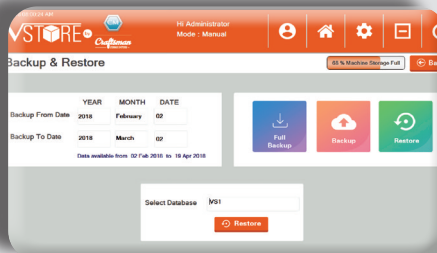


MACHINE STATUS AND CONTROL

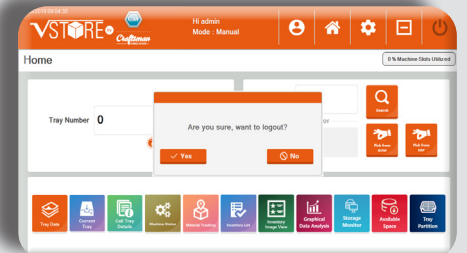
- Overview of V Store machines, including the production status and other important data
- The machine status button allows you to call up specific information such as the current machine status, overrides, program statistics, and machine messages



BILL OF MATERIAL



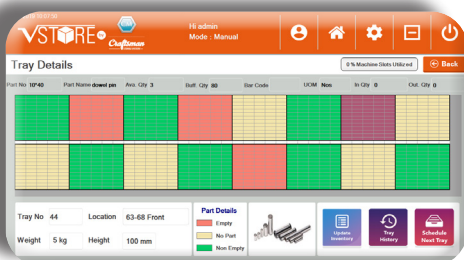
BACKUP AND RESTORE



LOGOUT PAGE

SPACE MANAGEMENT

- Tray wise partition
- Storage monitor
- Available space monitor



TRAY DETAILS



OVERSEAS WAREHOUSES MANAGEMENT

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[CRAFTSMAN VSTORE](#)

FACTORY LOCATION

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