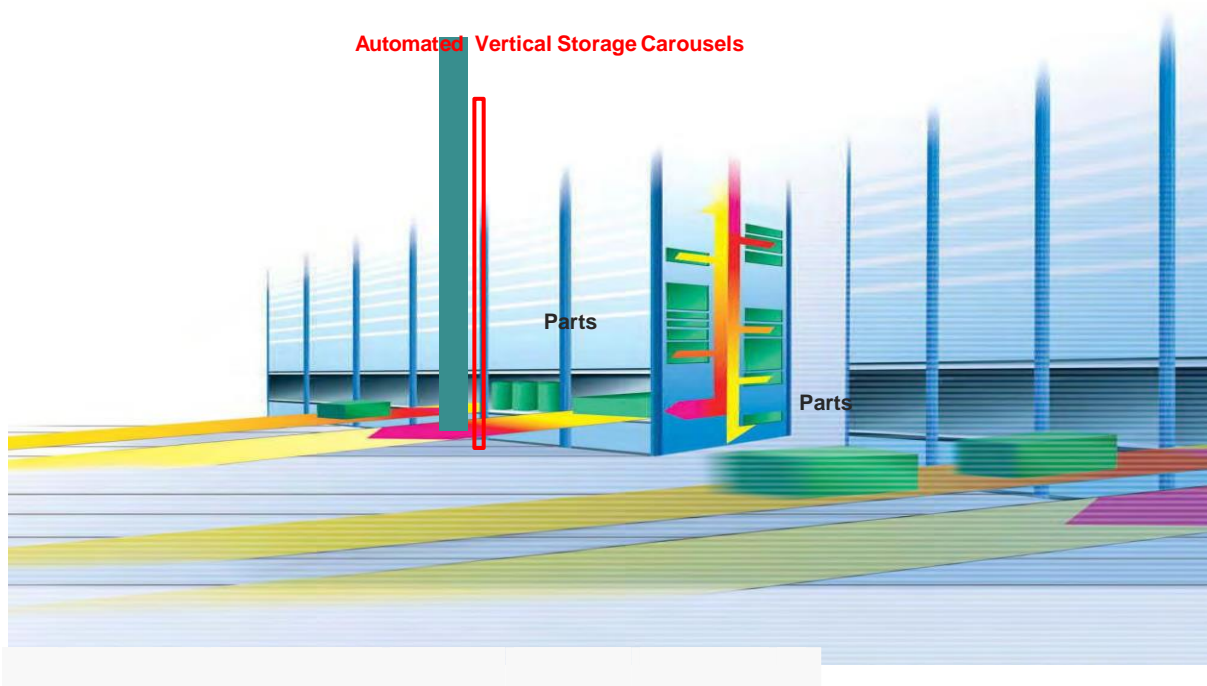


Carousels Storage System

Automated Vertical Storage Carousels



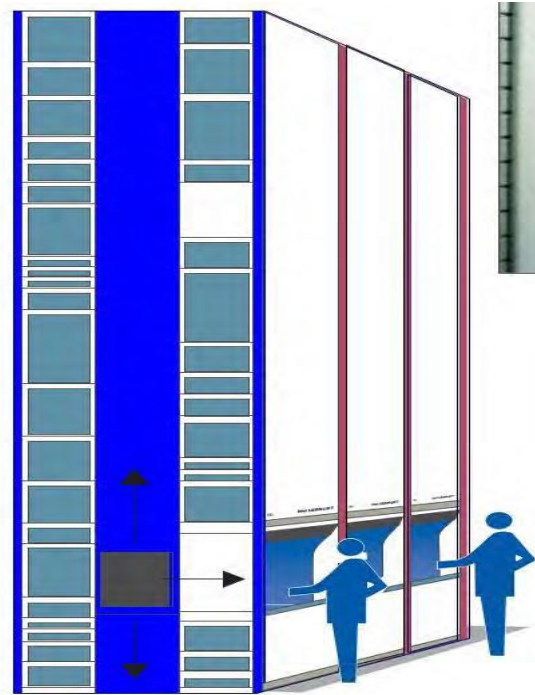
Automated Vertical Storage Carousels

VALUE ADDED DESIGN AND FEATURES

Flexible Storage Strategy

The modular design ensures almost unlimited flexibility and maximum utilization of ceiling heights. The height of the unit can be chosen in steps to meet your exact height requirements.

Adapting to the Building Situation Additional access windows can also be added pre and post installation allowing multiple floors to access to the stored item within the unit. The shutter door in every access opening prevents drafts and protects the operators and stored goods.



High Rotation Speed Mechanism



Fully automated storage and retrieval processes

Optimize parts management

The storage system provide fast and accurate picking of stored inventory. The storage e system acts as stand alone warehouse inventory management. An overview of the inventory status is available all times, shortage of parts are eliminated. Simply use the touch-screen to indicate the part and quantity of items to be picked, and the storage shelves automatically rotates into position for immediate retrieval.



HIM & IIOT System Software

Touch Screen

Reduce your space requirement

The vertical storage machine offers 60% or more storage capacity than static storage shelving, and are ideal for storing anything from light to heavy parts over 700 kg per carrier.

Innovative storage

The flexible carriers can be adapted to a variety of applications from uniformly organized bins to items of varying sizes or a combination of the two.

Automated Vertical Storages Carousel Applications to Industry

- Hospital/Medical - Fully automated systems across several stories
- Mechanical Engineering - Tool store, spare parts store, parts feeding
- Manufacturing - components flow and parts feeding
- Automotive - Materials flow, tool retrieval in production
- Warehousing - parts store and picking
- Electronics - Storage under specified conditions, ESD sensitive parts
- Pharmaceutical/Chemicals - Air-cond and clean room conditions
- Legal Documentation - Banking headquarter

Automated Vertical Storages Carousel specification:

All models are customized made to customers unique requirements

- Height of the system up to 100 feet
- Maximum load per carrier between 100 kg and 200 kg
- Maximum gross load per Automated Vertical Storage Machine up to 12 tonnes
- Modular multi-purpose carriers
- Easy maintenance from the side.
- Roller chains are durable, no fatigue failures occur.
- Roller chains have a higher rate of efficiency (98%).
- More accurate positioning because of higher rigidity.
- Non-slip hold in the event of emergency stops.
- Fast storage and retrieval times.

Benefits:

- Increased storage capacity in a smaller footprint area.
- Faster access times.
- Improved precision in inventory level through integration with internal ERP system.
- Enhanced safety for operator and stored items.
- Increased goods handling efficiency.