

Shelving or storage machine? Which storage system best suits your needs and requirements?

Storage of small parts within a traditional shelving solution is still the most popular solution for storing smaller items, both in traditional construction as well as mobile shelving. Storage machines, are however a more sophisticated alternative, which provides efficient and compact storage of small parts.



Which system best suits your needs?

Small part handling matrix

	Low investment	Low handling cost	High number of picks per time unit	High utilization of storage volume	Appropriate for FIFO (First-In-First-Out)	Easy to adapt and change
HI280 Shelving System Standard	<input type="checkbox"/>					<input type="checkbox"/>
HI280 Shelving System Multi Tier	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>
HI280 Mobile Shelving System				<input type="checkbox"/>		<input type="checkbox"/>
HI280 Shelving System Narrow Aisle		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
Carton Flow			<input type="checkbox"/>		<input type="checkbox"/>	
TORNADO Lift System		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IPN Paternoster Vertical Carousel		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HOCA Horizontal Carousel		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Note: this table highlights the most significant benefits, click on the solution to see more key facts and features for each system.

= Best option = A good option



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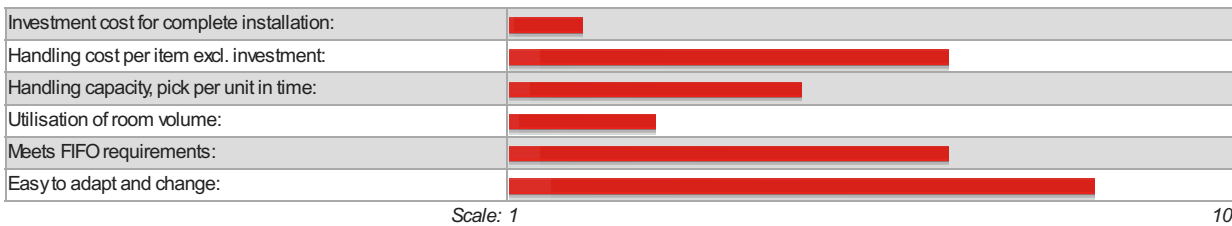
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HI280 Shelving System Standard

How HI280 Shelving System Standard compares against alternative storage systems for small part handling.



Facts:

- Shelving system in standard design requires low investment.
- The system is easy to assemble and easy to adapt and change to the needs.
- Wide range of application areas, thanks to the wide range of accessories.
- Limitations in effective floor utilisation.
- Adequate facilities for item handling; hand pallet truck and picking trolleys.
- A standard system can be modified, for development of HI280 Multi Tier later.

More information

[Product info](#)

[Accessories](#)

[References](#)



HI280 Shelving System Multi Tier

How HI280 Shelving System Multi Tier compares against alternative storage systems for small part handling.

Investment cost for complete installation:	
Handling cost per item excl. investment:	
Handling capacity, pick per unit in time:	
Utilisation of room volume:	
Meets FIFO requirements:	
Easy to adapt and change:	

Scale: 1

10



Facts:

- An economical way to create more floor space when the ceiling height permits.
- The floor consists of wooden chip board with a slip and flame-retardant laminate.
- Standard load is a maximum of 500 Kg / m² (5 kN / m²) floor.
- For transporting pallets to the upper level you can place a gate in the guardrail, vertical conveyor or install a lift.
- Loading and picking is done by manual picking trolleys.
- Carefully review your article frequency before installing HI280 Multi Tier. On the upper floors you should only store low-frequency items.

More information

[Product info](#)

[Accessories](#)

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HI280 Mobile Shelving System

How HI280 Mobile Shelving System compares against alternative storage systems for small part handling.

Investment cost for complete installation:	
Handling cost per item excl. investment:	
Handling capacity, pick per unit in time:	
Utilisation of room volume:	
Meets FIFO requirements:	
Easy to adapt and change:	

Scale: 1

10



Facts:

- Mobile shelving is shelf placed on rail mounted trolleys.
- The trolleys can be moved manually with a winch or by electric drive.
- An effective security system ensures that no accident will occur to staff or damage to goods.
- Mobile shelving saves floor space by reducing the number of aisles.
- Shelf sections / blocks can be made lockable.
- Mobile shelving is very suitable for small parts where you need to store large volumes of small components.
- Suitable storage system for low-frequency articles.

More information

[Product info](#)

[Accessories](#)

[References](#)



HI280 Shelving System Narrow Aisle

How HI280 Shelving System Narrow Aisle compares against other storage systems for small part handling.

Investment cost for complete installation:	
Handling cost per item excl. investment:	



Scale: 1

10



Facts:

- Narrow Aisle requires a small floor space as you use maximum height, while the aisles are very narrow.
- The system is served by manned trucks.
- In order to achieve a high capacity, incoming and outgoing goods should be placed in relation to the compilation area.
- The system is designed to the requirements of the picking aids and goods demand.
- Relative high investment cost of narrow-aisle trucks / picker.
- Narrow Aisle is best suited for areas where the pickoff frequency is smooth so the Narrow Aisle truck can be used efficiently.

More information

[Product info](#)

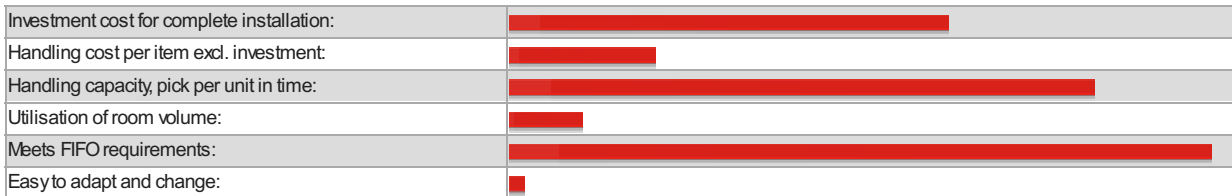
[Accessories](#)

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Carton Flow

How Carton Flow compares against alternative storage systems for small part handling.



Scale: 1

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Facts:

- Carton Flow provides a high degree of goods density.
- 40% floor savings can be achieved in comparison to conventional shelving storage.
- The number of levels in the rack can be adapted to accommodate other handling methods; eg: manual or forklift handling of goods and containers.
- Loading and unloading has separate areas - picking is carried out smoothly.
- Meets the FIFO (First-In-First-Out) requirements.
- Racking can be placed on wheels, which permits easy change of the warehouse layout.

More information

[Product info](#)

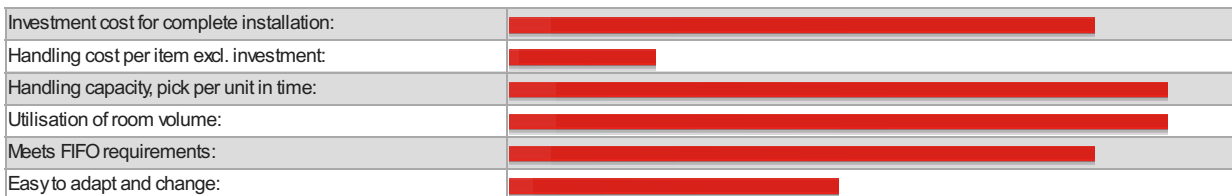
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TORNADO Lift System

How the TORNADO compares against alternative storage systems for small part handling.



Scale: 1

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Facts:

- TORNADO operates with policy: articles to person picking.

More information

[Product info](#)



- Up to 70% savings in floor space whilst providing the same storage capacity.
- Ensures fast, efficient and error free picking.
- The machine is closed and locked and well suited for fragile and valuable articles.
- High picking capacity, as walking distance is minimal.
- Extra picking openings can be installed, which enables picking from different levels.
- Optional extras are available, such as a light pointer and locator indicator list.
- Can be connected to the warehouse management system (WMS).
- Safe and ergonomic working environment, as picking is performed at a good operating level.
- Best suited for small items but flexible even for larger products.

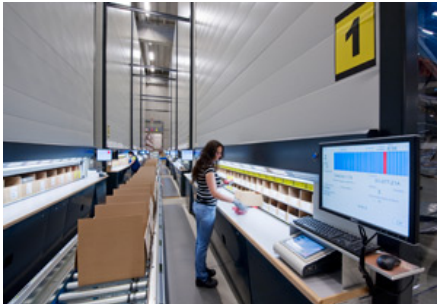
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IPN Paternoster Vertical Carousel

How the IPN Paternoster compares against alternative storage systems for small part handling.



Facts:

- IPN Paternoster operates the policy: articles to person picking.
- Requires a small floor space compared to its storage capacity.
- Several size variants with varying load capacities are available as standard.
- The device is closed and lockable and well suited for fragile and valuable articles.
- High picking capacity, as walking distance is minimal.
- Can be connected to the warehouse management system (WMS).
- Safe and ergonomic working environment as picking is performed at a good operating level.

More information

[Product info](#)

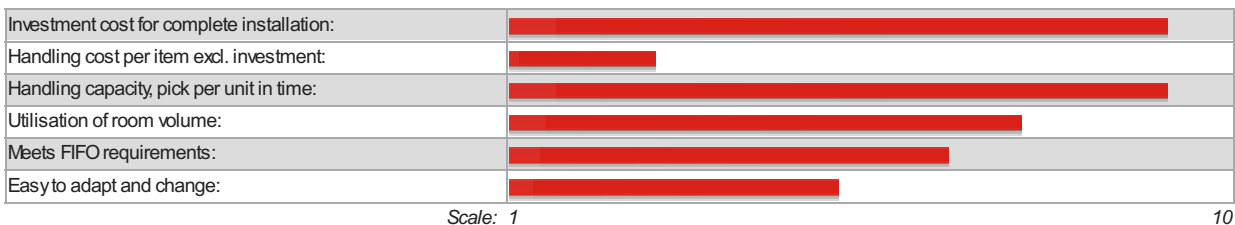
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HOCA Horizontal Carousel

How the HOCA compares against alternative storage systems for small part handling.



Facts:

- Excellent option for premises and buildings with low ceilings.
- HOCA operates the policy: articles to person picking.
- Operated from either the short or long side.
- The system provides quick and easy picking.
- Can be equipped with a pick light system that makes it quick and simple for the operator to batch pick.
- Can be connected to the warehouse management system (WMS).

More information

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- HOC can handle very large volumes of goods.
- Both small items and the large goods can be picked from the same machine.



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