

Innovations in intralogistics KARDEX Shuttle® XPmultiple – for even greater warehouse capacity

NEW



KARDEX has made new applications and uses possible for automated high-bay warehouses with the KARDEX Shuttle® XPmultiple, a version of the tried and tested Shuttle® XP technology.

The KARDEX Shuttle® XP multiple system offers greater capacity and optimum use of space

Advantages at a glance:

- ◆ Increased warehouse capacity
- ◆ Greater productivity
- ◆ Optimum use of awkward spaces
- ◆ Clear investment in the future

The principle

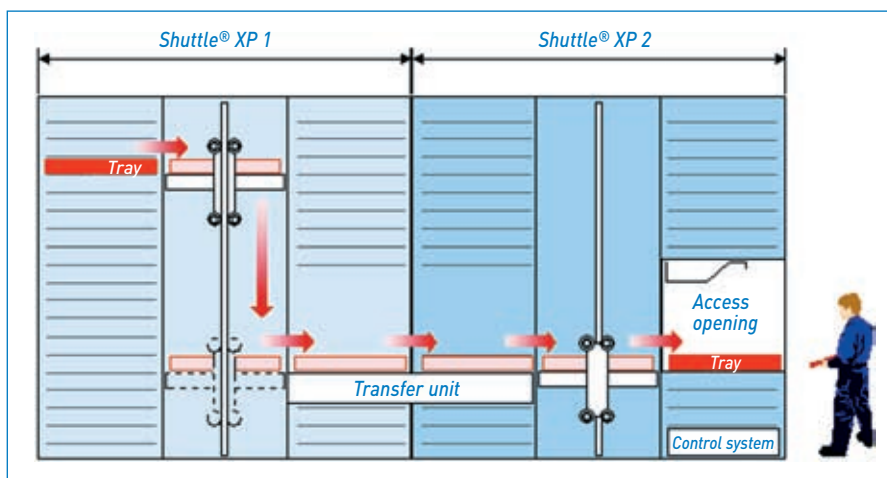
The Shuttle® XPmultiple consists of two independent modular high-bay systems arranged in tandem.

Trays are moved from the rear system to the front one – and vice versa – by transfer units.

Goods can only be removed from the one access opening or 'golden zone' in the KARDEX Shuttle® XPmultiple composite system. Speed of delivery from request to delivery is very fast.

Internal pre-order picking cuts waiting time even further. The KARDEX Shuttle® XPmultiple operates alongside the KARDEX PowerPick warehouse management system. Therefore the stock is managed and controlled by this intelligent software.

The Shuttle® XPmultiple is ideal where it is impossible to install two separate systems. Deep, narrow spaces can be used to their full extent and routes are reduced by having only one access opening.



The benefit

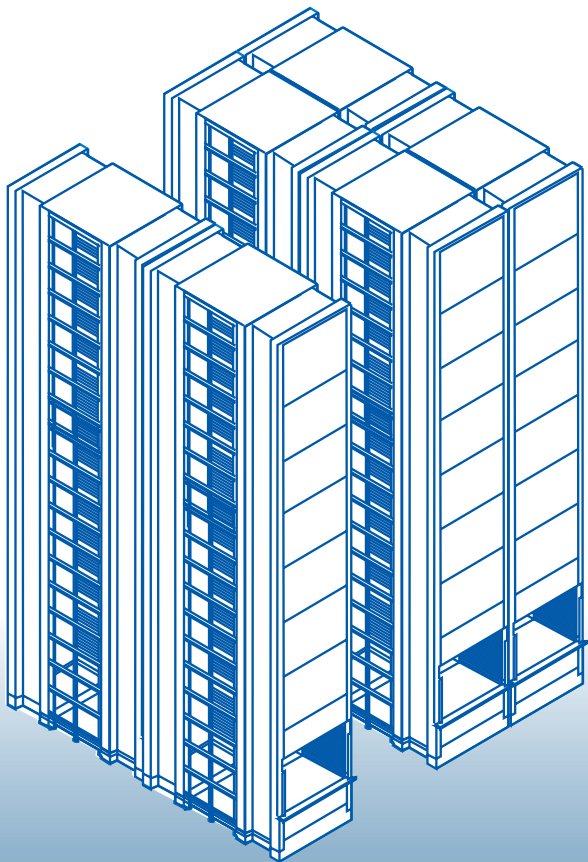
The KARDEX Shuttle® XPmultiple cuts the space required for movement by 50% compared to individual systems.

Awkward spaces can be used to their full extent. As fast as a Shuttle® XP with almost twice the capacity, while an order is being picked at the delivery opening, the Shuttle is preparing the next tray for delivery in the background.

Versatility

The modular structure of the Shuttle® XPmultiple ensures almost infinite versatility while exploiting different room heights.

Every KARDEX Shuttle® XPmultiple can be used as a stand alone unit. Depending upon requirements, the Shuttle® XPmultiple can be expanded to form a composite system and extended with further investment where necessary.



Variable dimensions and technical data



Unit dimensions

Width	1,180 to 3,580 mm
Depth	4,624 to 6,142 mm
Height	2,550 to 30,050 mm
Height adjustment	100 mm increments

Performance data

Vertical speed	adjustable up to 2.3 m/s
Inward and outward transfer speed	adjustable up to 0.62 m/s
Load	up to 500 kg per tray
Max. gross capacity	60 t at a unit height of 20 m

Advantages at a glance

-  Consultation with storage specialists
-  Turnkey handover
-  Remote diagnosis
-  Customer service
-  Optional 24-hour service

The Shuttle® XP multiple works in three dimensions:
Height, width and depth = Greater capacity and optimum use of space



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