

# Vertical Carousel - Paternoster

Visit [www.constructor.dk/en/Products/Storage-Machines-and-WMS/Vertical-Carousel-PATERNOSTER/](http://www.constructor.dk/en/Products/Storage-Machines-and-WMS/Vertical-Carousel-PATERNOSTER/) for the latest information.

## (Dynamic) Storage (and retrieval) machines – Automated solutions for efficient warehousing.

Highly efficient picking and packing, fast provision of small parts, quick delivery of ordered goods all delivered by the most efficient the route possible, to minimise operator walking and waiting times, it's all possible with Dexion's dynamic storage and retrieval machines (systems).

Custom-designed to suit individual requirements, the ultra-fast TORNADO storage machine and the Vertical Carousel are both designed to maximise building height while standing on small footprints. Alternatively, the HOCA Horizontal Carousel is the optimal solution for buildings with restricted ceiling heights yet large floor space.

Vertical Carousel (PATERNOSTER) is a product in the category

## Storage Machines and WMS

Lift Systems (TORNADO)

Vertical Carousel (PATERNOSTER)

PaC-Light Update package

Horizontal Carousel (HOCA)

WMS & Control Software

Small part handling matrix

Please visit [www.constructor.dk](http://www.constructor.dk) to see our other products.

## Description

Storage Machines & WMS › Vertical Carousel (PATERNOSTER)

**The IPN Paternoster is an excellent solution for optimising picking times, particularly when a batch picking process is being used. In addition, their rotating automated storage system saves floor space by providing efficient, height optimised storage.**

## References

Atlet, Sweden

Elektroskandia, Finland

Koiviston Auto, Finland

Local Government Headquarter, Poland

Svenska Bil, Sweden



Paternoster's offers closed, safe storage and protect products from dust and light damage. Retrieval points can be set up on different floors and the faster product turnaround times offered by Paternosters mean that the warehouse picking operation can be reduced by as much as 60%.

The work environment is safe and ergonomic, as carriers are transported to the optimum working level.

A Paternoster is the perfect system for storing many different types of goods. It offers rapid processing; the Paternoster will always takes the shortest route to the operator, as well as minimising the number of picking errors.

## Products

Fit more goods in the same space - saves up to 70% on floor area.

Picking time only 15 seconds per row.

Reduces picking errors by two thirds.

Ideal for batch picking.

Combines reliable technology with decades of experience in global deliveries.

Low maintenance requirements serviced by a highly skilled maintenance network.

Provides a safe, ergonomic work environment.

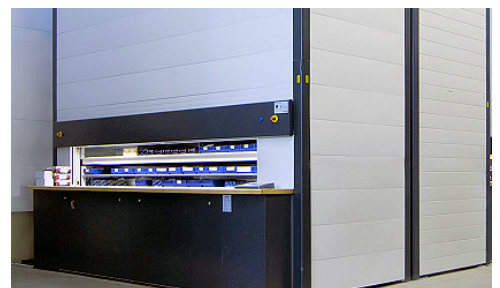
Easy to integrate with many WMS solutions.

Prevents unauthorized use - reduces stock losses.

Offers a separate, durable and secure frame.

Well lit picking face that can be closed and secured electronically. Multiple picking faces on more than one floor level are also available.

A safety light curtain and photoelectric cells above and below the picking face protect both the user and the goods





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Controller equipped with a graphical display and an alphanumeric keyboard.

Carrier dimensions suit most standard picking trays.

## Specifications

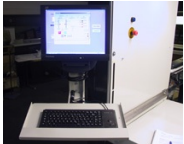
Carrier widths:	2850 and 4100 mm
Carrier depths:	420, 520 and 620 mm
Carrier capacity:	600 kg max per carrier
Space between carriers:	201-493 mm
Total capacity:	15 600 kg maximum
Total widths:	3703 and 4953 mm
Total depth:	1836, 2036 and 2236 mm
Total height:	3040-14 890 mm
Electrical connection:	400 VAC
Motor output:	4 kW
Control system:	PaC100

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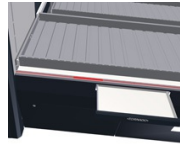
# Accessories - Vertical Carousel (PATERNOSTER)

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## Article Management Software TC2000

TC2000 is a complete WMS designed for automatic storage and can be integrated into all Constructor machines.



## Position Indication List

The position indication list shows the operator in which direction the machine should move from their present location to the next pick. This improves picking speed and reduces errors.



## Electrical Door

With an electrical door you can easily close the machine for the night and prevent unauthorized use. It can also be integrated to fire suppression systems.



## Wireless Bar code reader

To optimise picking efficiency.



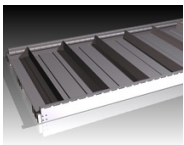
## Batch Picking List

TC2000 makes it possible to use batch picking with the machines. A batch picking list can be integrated beside all machines.



## Intermediate Shelf/Sublevel

All Paternoster carriers can be equipped with sub-levels and plastic bins.



## Divider

When there is a need for separating items, Tornado trays and Paternoster carriers can be equipped with dividers instead of boxes.



## Labelprinter

Model CLP521