



ICAM INDUSTRIAL
INTELLIGENT SPACE SOLUTIONS

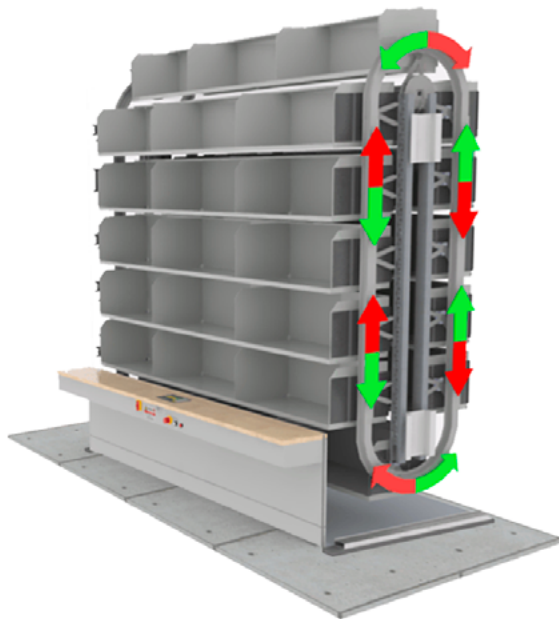
THE AUTOMATED VERTICAL CAROUSEL THAT TURNS YOUR SPACE AROUND

The smart paternoster designed for storing, organizing, and retrieving small parts and accessories with maximum efficiency and minimum footprint.



1. OPERATING PRINCIPLE

GOODS-TO-MAN: FAST, COMFORTABLE, AND SAFE ACCESS



ROTAR works on the materials-to-operator principle: the rotating carrier containing the requested items is automatically brought to the ergonomic access opening, eliminating unnecessary walking and searching time. Operators can retrieve materials quickly, safely, and without physical strain.

Requests are entered directly through the control keyboard or touch panel on the work surface. Integration with the ICON management software boosts productivity and guarantees full traceability of stored items.

2. KEY BENEFITS

MORE SPACE, SPEED, AND CONTROL IN EVERY ROTATION

ROTAR can offer a number of real, practical benefits if you are looking for safe and efficient materials management:



1. SPACE

Maximize your storage capacity in a compact footprint. ROTAR frees valuable floor area for future expansion or for storing more materials.



2. PRODUCTIVITY

High carrier rotation speed ensures faster retrieval, minimizing operator movement. Full system access from a single ergonomic workstation. Integration with your ERP or WMS ensures quick search, error-free operations, and total item traceability.



3. PROTECTION

Access limited to authorized personnel only. A lockable metal shutter seals materials inside, shielding them from dust, light, and humidity.



4. VERSATILITY

A wide range of carriers and accessories efficiently organizes different types of materials: folders, maps, pharmaceuticals, consumables, or small components.



5. SAFETY

Integrated safety devices protect both operators and materials. The external light curtain stops rotation instantly in case of interference, while the lockable shutter ensures secure and uninterrupted operations.



6. ERGONOMICS

The optimal work height and intuitive controls make handling smooth and effortless, allowing operators to work safely and comfortably with maximum efficiency.



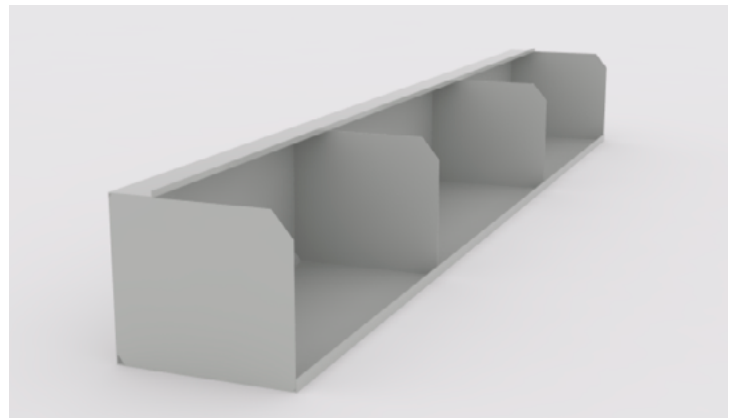
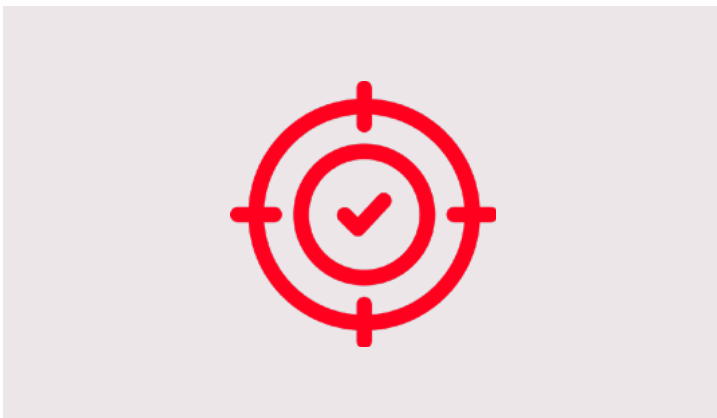
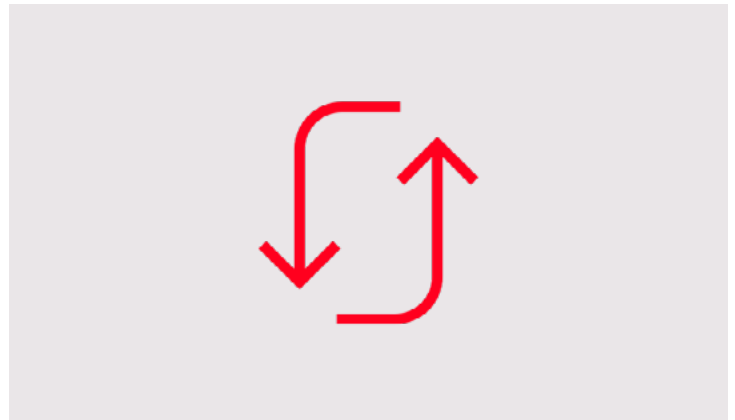
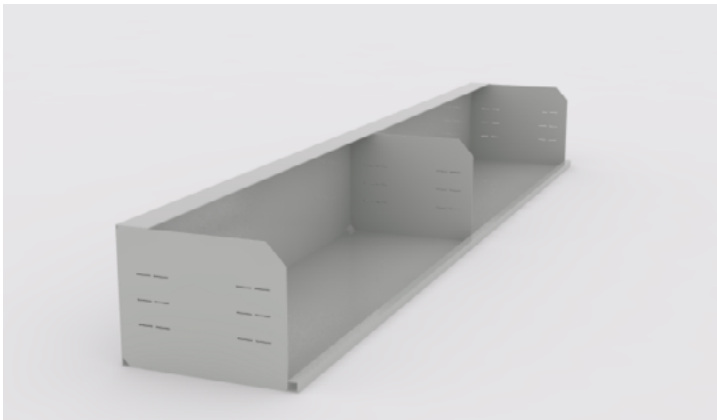
3. THE ROTATING CARRIERS

MODULAR DESIGN, SMART ORGANIZATION

Modular carriers and accessories allows efficient storage of lightweight materials such as spare parts, consumables, pharmaceuticals within the vertical carousel.

Three carrier heights (270, 300, 360 mm) and multiple size options (length: 2,200–2,900 mm; depth: 360 or 420 mm) guarantee configuration flexibility. Each carrier supports up to 120 kg.

Carriers can be customized with intermediate shelves, dividers, and removable containers, ensuring optimal space use, improved organization, and shorter retrieval times.



4. THE WORKSTATION

ERGONOMICS AND SAFETY AT THEIR BEST

The workstation provides ergonomic and safe access to stored materials. Each system can feature one or more workstations positioned at different levels.

The melamine-faced work surface allows operators to work comfortably, sitting or standing. A centrally positioned touchscreen panel manages all retrieval and storage operations while displaying messages or alerts. Start and stop buttons and an emergency control are always within reach, ensuring full operational safety.



5. TECHNICAL DATA

TAILORED TO YOUR STORAGE NEEDS

ROTAR comes in multiple configurations to meet current and future storage requirements.

	ROTAR 200	ROTAR 300
ROTATING CARRIERS		
Load-bearing capacity (kg)	120	
Length (mm)	2,200 / 2,500 / 2,900	
Depth (mm)	360 / 420	
Height (mm)	270	300
Quantity	8 ÷ 20	17 ÷ 30
STORAGE SYSTEM		
Load-bearing capacity (tonnes)	2	3
Length (mm)	2,570 / 2,870 / 3,270	
Depth (mm)	1,140*	
Height (mm)	2,030 ÷ 4,500	3,040 ÷ 5,460
SPEED		
Rotation speed (m/min.)	Approx. 6	

ICAM pursues a policy of continuous improvement. It therefore reserves the right to modify technical data and product characteristics and to correct errors and misprints without prior notice.

SAFETY DEVICES:
TOTAL PROTECTION FOR OPERATORS AND MATERIALS

Safety devices installed at every access point ensure maximum protection for both operators and stored materials. Dual single-beam light curtains detect any protruding items and immediately stop rotation, while a multi-beam curtain safeguards the operator during picking operations. A lockable sliding shutter prevents unauthorized access, and in case of power failure, an emergency hand crank allows manual retrieval.





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