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## COMPATTA, THE MOBILE RACKING SYSTEM

Compatta is the mobile racking system designed for the intensive storage of heavy and bulky loads

Mounted on mobile bases that move along rails, the racks create an aisle to access the materials at just the desired location.

 **compatta**

# COMPACT OUTSIDE, **BIG INSIDE**

Compatta, the simplest way to gain new space



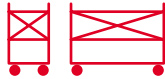
**+40%** storage capacity,  
in the same surface area

**+80%** space recovered,  
with equal goods stored

# KEY FEATURES



**Expandable:** allows mobile bases to be added over time



**Adaptable:** designed to integrate with any type of racking, new or pre-existing



**Versatile:** perfect for storing pallets and goods of different sizes and weights, both in positive temperature and cold room environments



**Collaborative:** designed to integrate seamlessly with AGVs, ensuring space optimization and advanced materials management



**Affordable:** excellent capacity-to-cost per pallet ratio, quick installation times, low maintenance costs and reduced energy consumption, especially in refrigerated environments



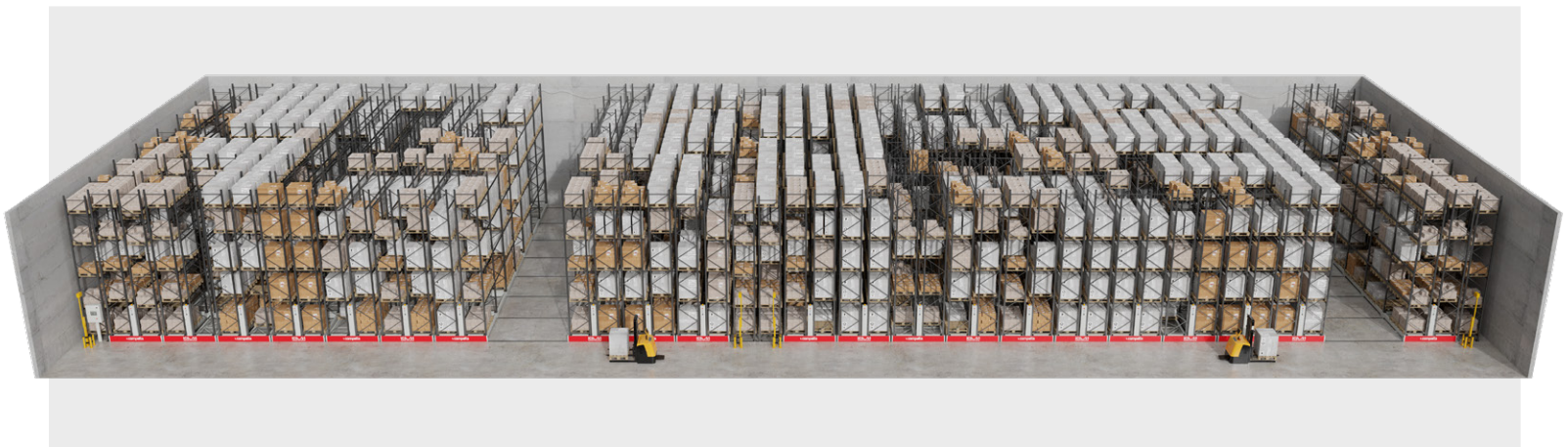
**Safe:** Equipped with safety devices and operating procedures that protect both materials and operators, ensuring safety and reliability in any circumstance, even during seismic events



**Resistant:** The Sendzimir galvanized finish provides excellent corrosion protection for greater durability, even in challenging environmental conditions. Additionally, it offers outstanding resistance to heavy loads and reduced wear over time, thanks to Burbac A45 guide rails



**User-Friendly:** Easy to use with on-base buttons, remote controls, and integration with company management systems. Includes a 10" operator panel with a user-friendly Windows-based web interface



# MODULAR AND FUNCTIONAL DESIGN

Compatta is a modular system designed with top-quality commercial electronic components, precision mechanical processing, and intuitive software to ensure maximum ease of assembly.

## THE NUMBERS:

**1,200 ton:**

Max total load per  
mobile base

**75 m:**

Extralong bases up to

Travel speed:

**7.2 m/min**



# FULL VERSATILITY WITH NO TRADE-OFFS

## Adaptability to any type of racking, new or pre-existing

Compatta stands out for its exceptional adaptability to all types of racking.

Whether it's pallet racks, cantilever racks, or shelving systems, and regardless of the product to be stored (bins, coils, small parts, profiles, rolls, spools, or loose materials), Compatta is the ideal solution. It allows for the reuse of existing structures, transforming fixed installations into mobile racking systems.

Existing warehouse racks can be utilized seamlessly.



## SUITABLE FOR ANY OPERATING ENVIRONMENT

*Optimizing space by reducing aisles.  
This system, applicable in any industry, is designed to adapt  
to any operational environment.*

### Cold room environments down to -30°C

Compatta is an excellent solution for cold rooms, offering benefits in both space optimization and energy efficiency. The mobile racking system reduces the cell's overall volume while maintaining the same storage capacity or doubles the capacity within the same space. By drastically reducing empty space, it preserves uniform temperatures and minimizes thermal dispersion, leading to significant energy savings.



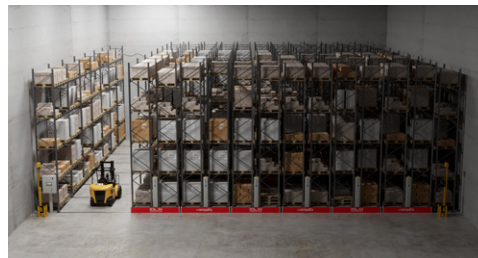
# SMART FEATURES FOR EVERY NEED

**Every detail matters. Compatta's smart functionalities are designed to provide a practical answer to everyday warehouse challenges, enhancing operational flexibility and system safety, in any context.**

**Relax:** An advanced system that allows shelves to be spaced apart when the system is idle, improving ventilation in cold rooms or facilitating water flow in environments with fire protection systems.



**Lux:** An automatic energy-saving system where lights are automatically activated only in the aisle being used. In emergencies, full corridor illumination ensures maximum safety.



**Picking:** A solution that enables manual picking by simultaneously opening multiple person-wide aisles.



**FLOW** (ForkLift-Optimized Warehouse): An intelligent system that detects forklift movements, preventing mobile bases from operating until the area is clear and enabling safe operation consent.



## SAFETY DEVICES

The protection of operators and materials is non-negotiable. Photoelectric barriers monitor entries and exits; photo sensors along the mobile bases safely stop the system in the presence of obstacles. Manual handling requires explicit operator consent via dedicated buttons.



On-board emergency push button



Aisle protection photoelectric sensor



Front & back light curtains

# MANAGEMENT AND CONTROL SYSTEMS

The control and management system consists of a main PLC and EtherCAT connection to the electrical panels on board the mobile bases.

The operator interface (HMI) uses a 10" industrial PANEL PC with a simple and intuitive user interface equipped with numerous functions:

- **Real-time monitoring** of system status and mobile bases
- **Alarm and warning management** for proactive maintenance
- **Advanced control of mobile bases**, activating the system's available features
- **Integrated remote assistance** within the operator panel for quick interventions and remote diagnostics



Entirely designed and developed by ICAM, **ICON** is a cutting-edge, web-based software solution, compliant with the latest technological standards and easily integrable with WMS and ERP systems.

## Key features of ICON:

- **Ground area management:** Mapping and control of traditional racking
- **User management:** Configuration of custom permissions and authorizations
- **Item management:** Master data, search, and advanced management
- **Storage unit management:** Configuration, movement, and visualization
- **Statistics and reports:** Movement analysis, control reports, and detailed inventory reports
- **Data backup:** Ensuring uncompromised operational security



With Compatta, managing the warehouse becomes simple, fast, and secure, even remotely. Thanks to the remote control, the desired aisle can be opened without disembarking the forklift, optimizing working time and enhancing operational safety.

Each Compatta system is equipped with a remote control featuring:

- **Rotary selector** to locate the specific sub-system
- **Numeric buttons** to open the corresponding aisle



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