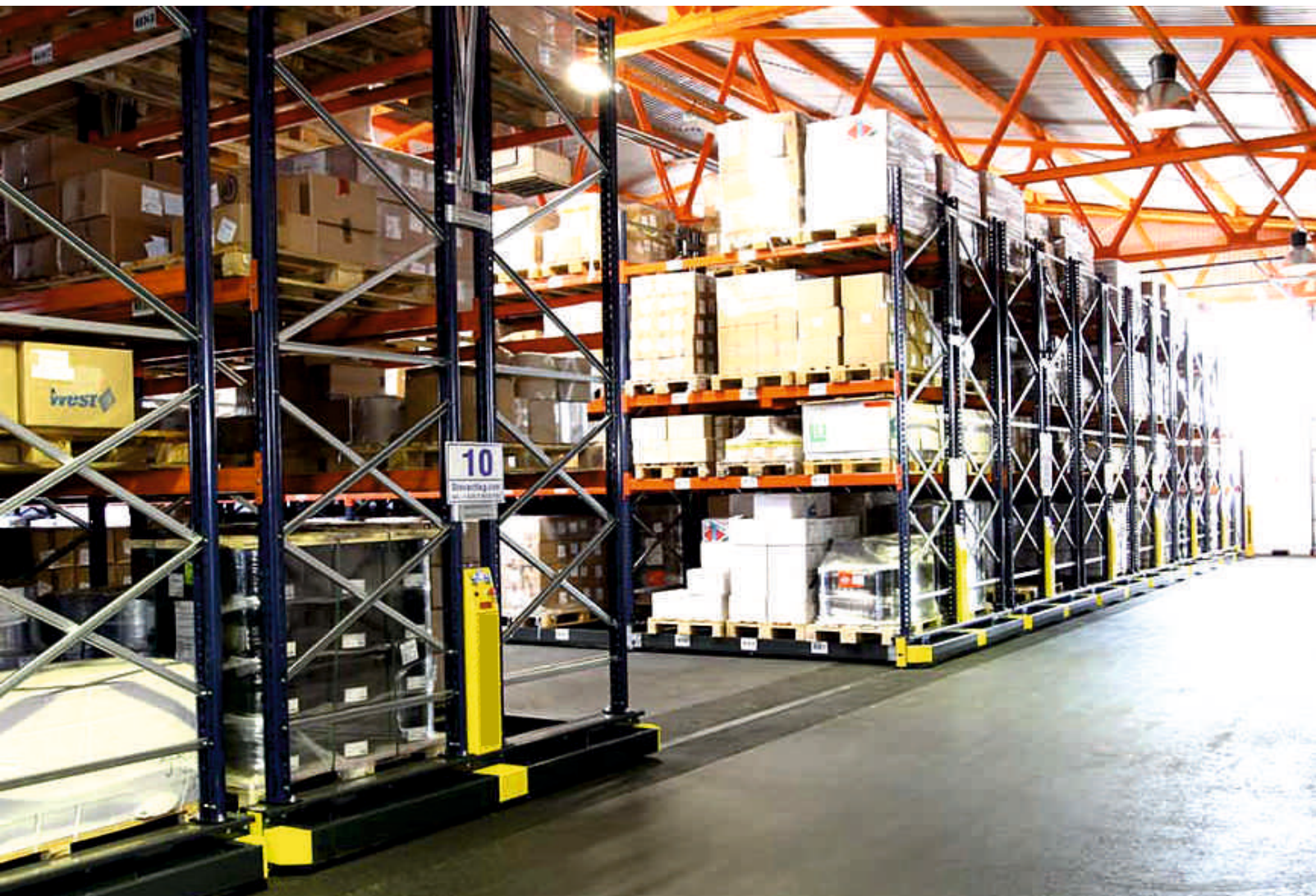


MOBILE RACKING SYSTEMS

RACKS_{ON}ROLL®





The Mobile Racking System is composed by racks fixed onto mobile bases moving on rails embedded into floor.

One aisle only is necessary for operation and this makes the system very compact, increasing storage capacity and allowing full accessibility to each loading unit.

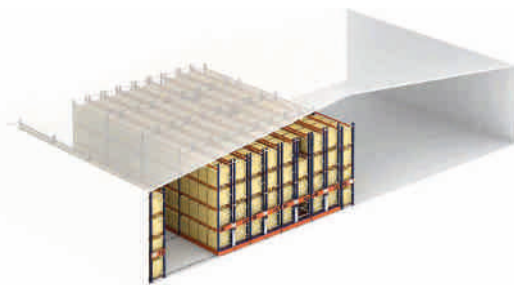
The bases are motorized and fitted with mechanisms to enable movement, electronic equipment and different safety systems to guarantee a safe and efficient operation.

Opening of selected aisle is easy and fast, both manually and through remote radio control by the truck operator.

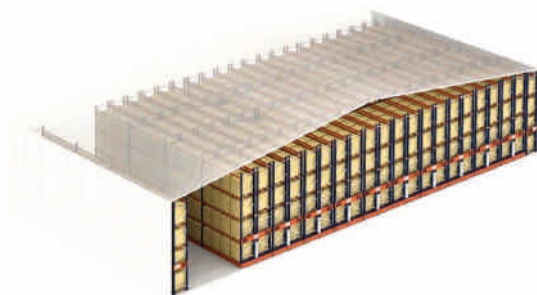
Speed of movement of the mobile bases is 5.4 m / min. Smooth movement acceleration .



1. Conventional pallet racking

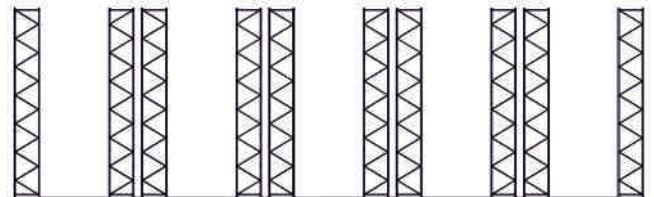


2. Mobile racking system with same pallet capacity

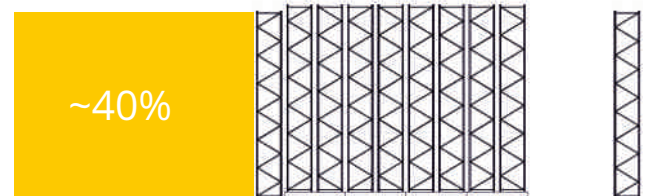


3. Mobile racking system with same surface used.

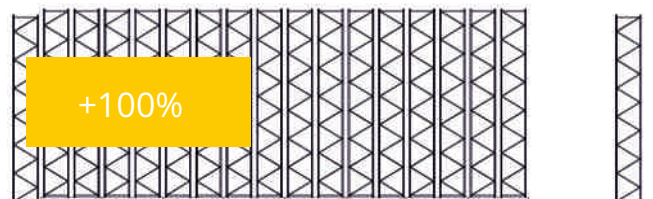
Conventional system



Mobile racking system - save up to 40% floor space



Mobile racking system - increase up to 100% storage capacity



EXAMPLE OF MOBILE AND CONVENTIONAL SYSTEM IN EQUAL AREA

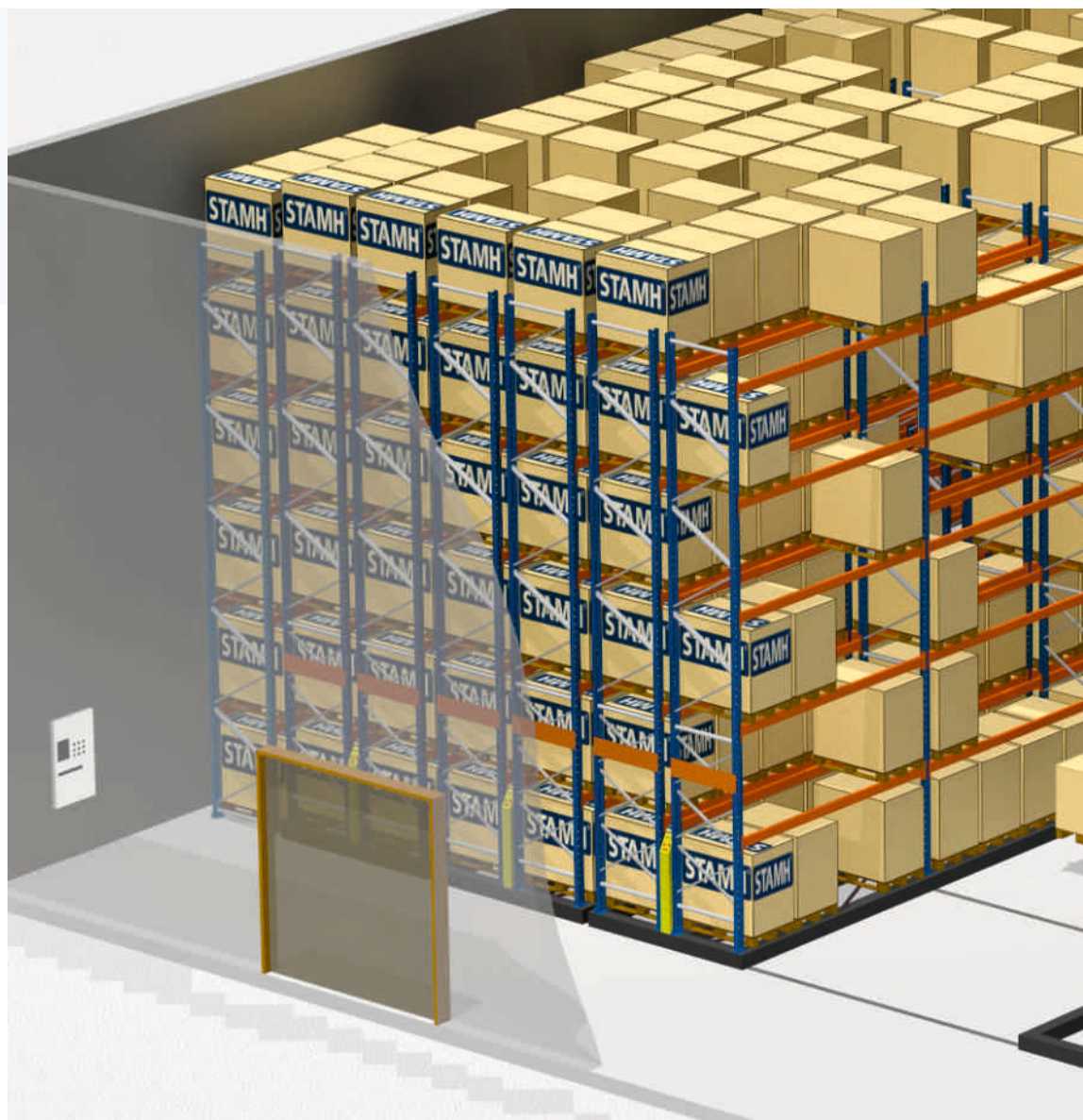
MOBILE SYSTEM

- Actual built-up area - 481,8 m²
- Percent of racking usage (aisles not included) - 61%
- Storage capacity - **1296 pallets**

CONVENTIONAL SYSTEM

- Actual built-up area - 481,8 m²
- Percent of racking usage (aisles not included) - 31%
- Storage capacity - **720 pallets**

MOBILE SYSTEM WITH PALLET RACKS

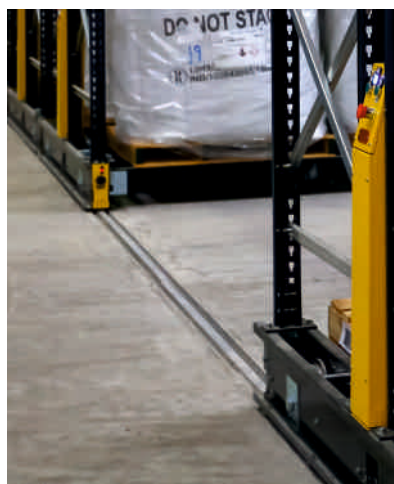


BUILT-IN RAILS

The mobile bases move on tracks, laid and levelled into the concrete floor.

Rails are specifically made for both guide and plain wheels, depending on characteristics of each plant.

Rails can be installed also in existing floor, also in cold rooms.



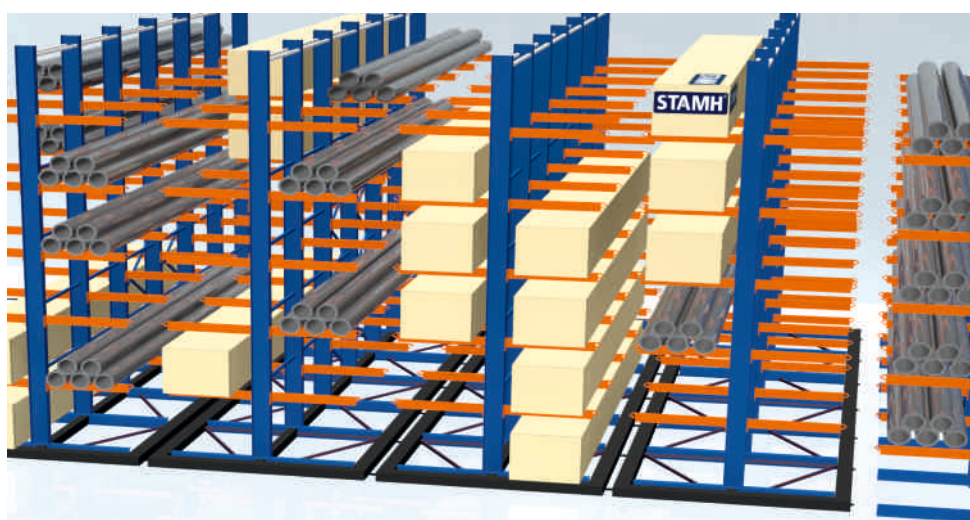
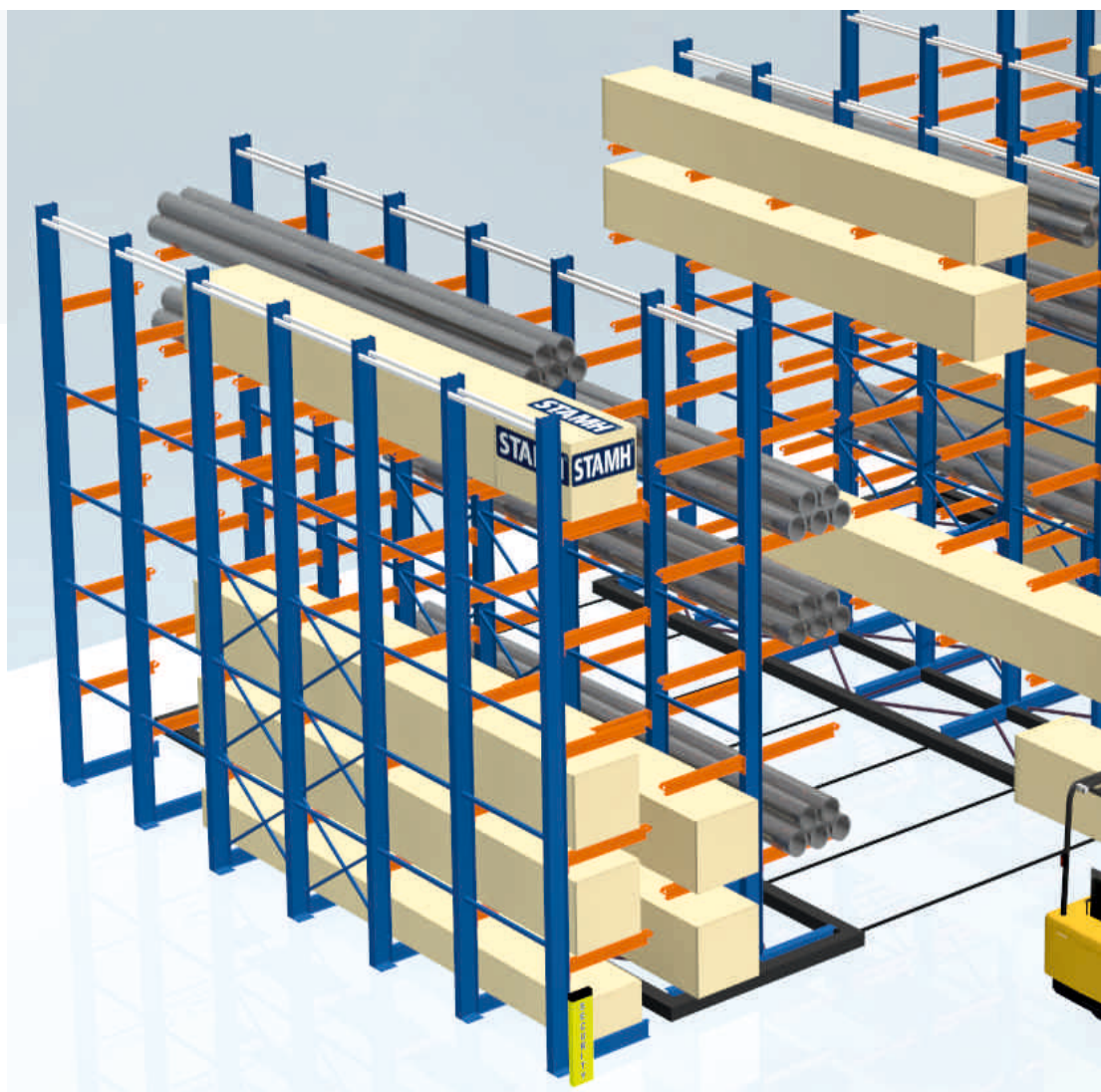


SAFETY & CONTROL ELEMENTS

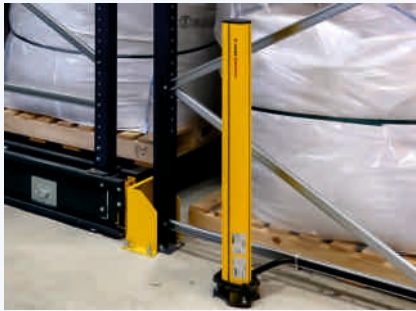
- Main electric control board
- Secondary control panel (option)
- Remote control system (radio transmitter)
- Control pushbutton on each base
- Emergency buttons
- Front photoelectric barrier
- Side safety sensors
- Pre-start buttons
- Acoustic and light signals each block of bases



**MOBILE SYSTEM
WITH
CANTILEVER RACKS**







STANDARD ELEMENTS:

- **Front photocell safety barrier :**
to detect any entrance during the movement
- **Side protection of the bases :**
to detect any obstacle left in the aisle
- **Alarm and light signals:**
safety acoustic alarm & blinking light working during the movement
- **Emergency stop button** on every mobile base
- **Touch screen:**
diagnosis about the system and eventual problems

OPTIONAL ELEMENTS

- **Remote control system**
- **Front protectors** for every base
- **Night parking device:**
to separate all bases during non working period to allow ventilation
- **Automatic light device:**
in order to save electric power - only the open aisle is lightened
- **Picking operation device:**
the main aisle is divided in two smaller aisles to allow picking operations

All pictures and descriptions in this brochure are indicative.
Technical details and characteristics can be modified without any prior advice.



WHY MOBILE RACKING SYSTEMS

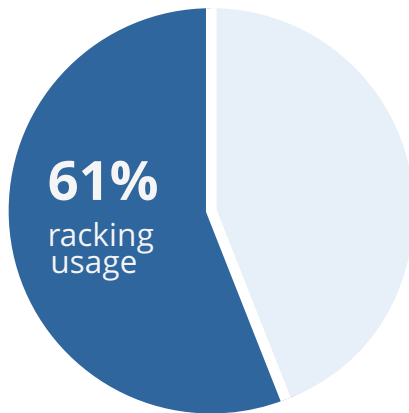
ADVANTAGES:

- Optimal use of the available space
- Increased capacity of the warehouse by removing the aisles and opening only the aisle that is needed at any given time
- Ideal for cold chambers, both refrigerators and freezers
- Thanks to the considerable savings in space the initial difference in cost compared to other systems is recovered very quickly
- Maximum exploitation of space
- Direct access to any stored unit (100% selectivity)
- Highest density storage system and quickest return of investment
- Easy access to any operation from each base
- Smooth and safe movement, driven by PLC
- Fully composed structure, without welding, easy to assemble and remove
- High quality electric and electronic components used
- Web remote control (as an option) for continuous check and diagnosis
- Full service: design, installation, service.

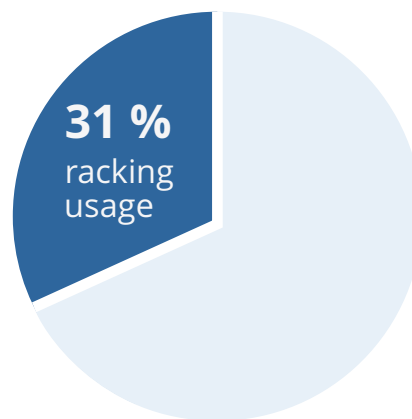


PROVEN CHEAPER COSTS PER PALLET PLACE BASED ON BIGGER STORAGE CAPACITY

MOBILE RACKING SYSTEMS



STANDARD PALLET STORAGE



**AT STAMH WE CAN DELIVER AND SUPERVISE OUR MOBILE SYSTEMS WORLDWIDE.
WE CAN ALSO MAKE THE COMPLETE ASSEMBLY BY OUR SPECIALIZED TEAMS IN ALL EU.**





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BUREAU VERITAS
Certification

