

LOGISTICS STORAGE MOBILE RACKING SYSTEMS(MRS) www.nexlt.co.kr

Warehouse systems for more room on less space.

LOGISTICS CONSULTING & ENGINEERING SERVICE

STORAGE SYSTEMS

- PALLET RACK
- SLIDING RACK(PALLET, BOX, DANPRA, ETC)
- LIGHT WEIGHT RACK
- ARM RACK
- HIGH STACKER RACK
- MEZZANINE SYSTEM
- INTAINER (ROLLTAINER, CARGO PALLET)
- CAROUSEL RACK(VERTICAL, HORIZONTAL)
- HIGH RACK
- PUSH BACK RACK(CART, ROLLER)
- MIDDLE WEIGHT RACK
- HANGER RACK
- DRIVE IN RACK
- MOBILE RACK SYSTEM

PICKING, SORTING SYSTEMS & AUTO TRANSFER SYSTEMS

- DPS, DAS, PCS SYSTEM
- V-LINE SYSTEM
- APS SYSTEM
- CONVEYOR SYSTEM

CARRIAGE SYSTEMS

- LIFCON SYSTEM
- AGV, RGV
- FORK LIFT(VNA, LEACH, ETC)
- STACK CRANE

SAPETY SYSTEM

- RACK PROTECTOR
- DOCK SYSTEM
- LOADING GATE



NEXLOGITECH
solution for next logistics technology

www.nexlt.co.kr

Floor 5th, , Gamilnam Ro 56, Hanam Si, Gyeonggi Do, 12993, South of Korea, 12993 TEL : 02)402-9051,9057,3298 / FAX : 02)402-9053
FACTORY _ 444-19, Yeoyang-ro, Yeosu-si, Gyeonggi-do, South Korea TEL : 82-402-9051,9057,3298 / FAX : 02)402-9053



solution for next logistics technology



solution for next logistics technology

NEXLOGITECH, INC

CRAFTED WITH CONFIDENCE
QUALITY PRODUCTS MADE IN THE KOREA



Leading innovator in the logistics industry with cutting-edge technology NEXLOGITECH, Inc.

NEXLOGITECH is a specialized company that builds the foundation for the future logistics industry using cutting-edge logistics technology. With extensive experience and expertise in both domestic and international logistics industries and technologies, we are reinforcing our company's position as a flexible and professional enterprise.

Furthermore, our in-house research institute contributes to maximizing efficiency by providing high-quality logistics engineering services through the development and accumulation of core logistics technologies. This enhances the logistics competitiveness of leading companies by constructing integrated logistics systems and introducing highly efficient logistics technologies.

With active engagement in overseas logistics industry and technology exchange, NEXLOGITECH is well-equipped become an advanced logistics company by securing a strong business foundation through the globalization of logistics technology and taking on leading roles in the logistics technology market.

Above all, as a leader in South Korea's logistics technology, NEXLOGITECH is committed to relentlessly advancing the world's best logistics industry and technology through continuous research and investment.

MORE STORAGE ON LESS SPACE

The modular concept enables you to create the perfect system for your individual wants and needs.

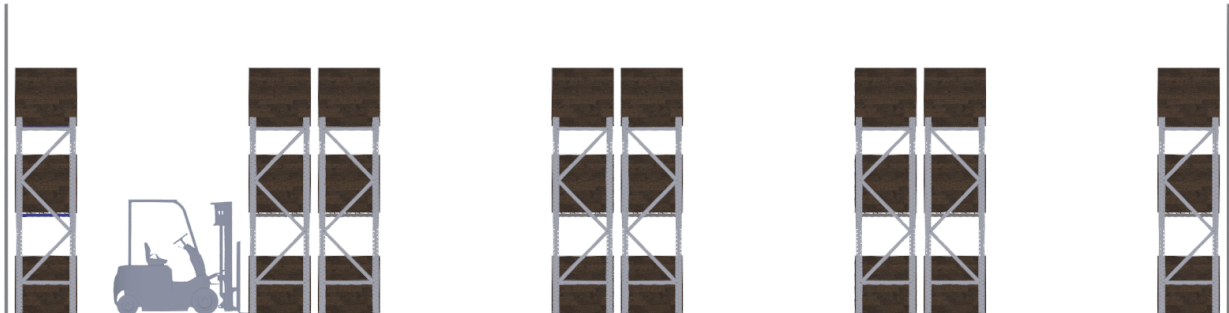
Our solutions feature the highest quality, flexible combinations, and an extensive number of adjustment options.

ADVANTAGES OF MOBILE RACKING SYSTEMS

- Increased storage capacity (up to 90 %), space savings of up to 45%
- Reduced operating and real estate costs as a result of excellent system space utilization (surface area utilization of up to 80 %)
- Maximum storage density & Increased energy efficiency
- Direct access to pallet locations prevents unnecessary and time-intensive relocation
- High throughput
- Option to connect to the warehouse management system
- Earthquake-proof design



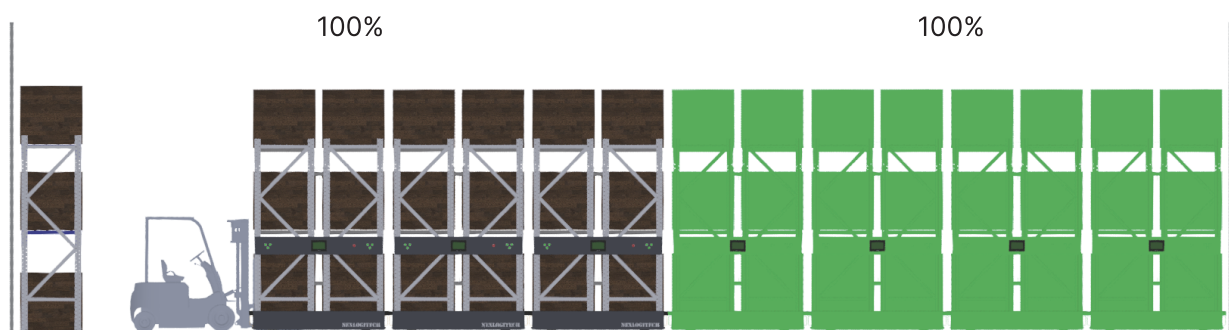
Pallet racks in conventional arrangement



Logistical data in comparison	
Floor space utilization	36%
Pallet locations	2,304
Area loss	64%

Mobile racks for optimized use of space

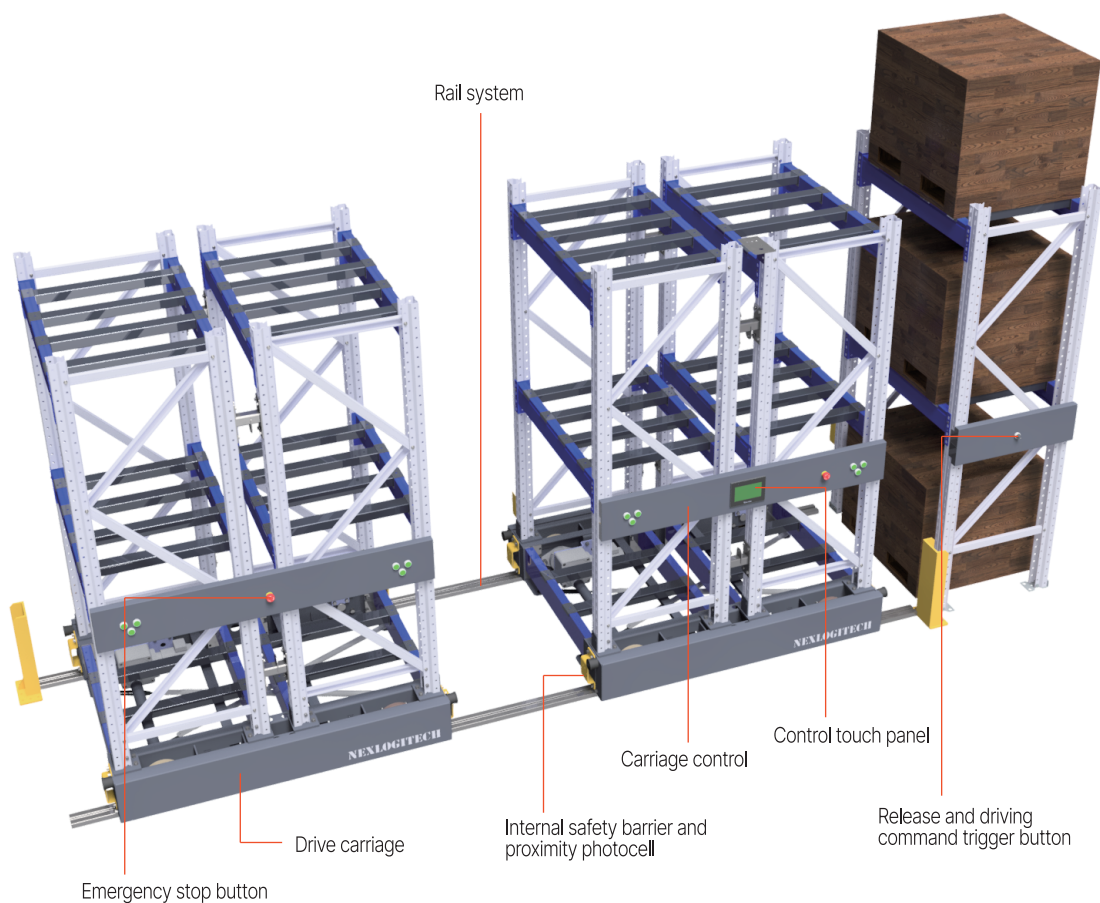
Mobile racks for the requirement of higher storage capacity



Logistical data in comparison	
Floor space utilization	74%
Pallet locations	4608
Capacity gains	100%

MRS | FLEXIBLE RACKING SYSTEMS FOR LARGE AND HEAVY GOODS

Heavy load racking systems for pallets and oversized goods are designed for the most demanding weight and size requirements of goods to be stored.



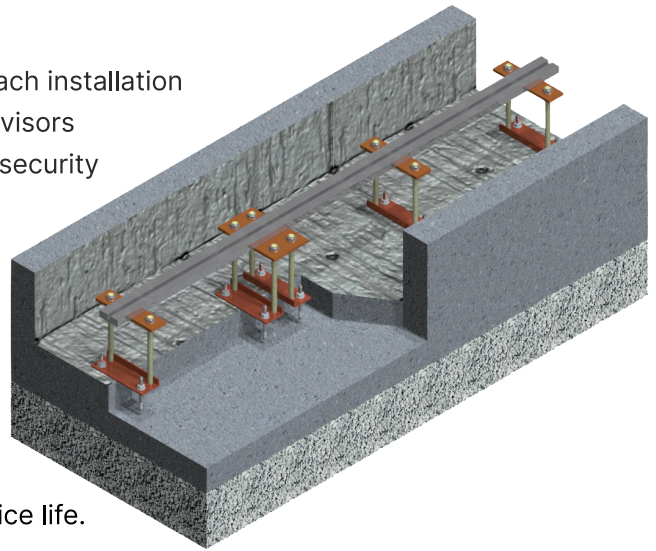
They allow a barrier-free network of multiple warehouse and work areas, can be customized to individual customer requirements, and flexibly expanded.

MRS | RAIL DESIGN

PRECISION WORK DURING INSTALLATION

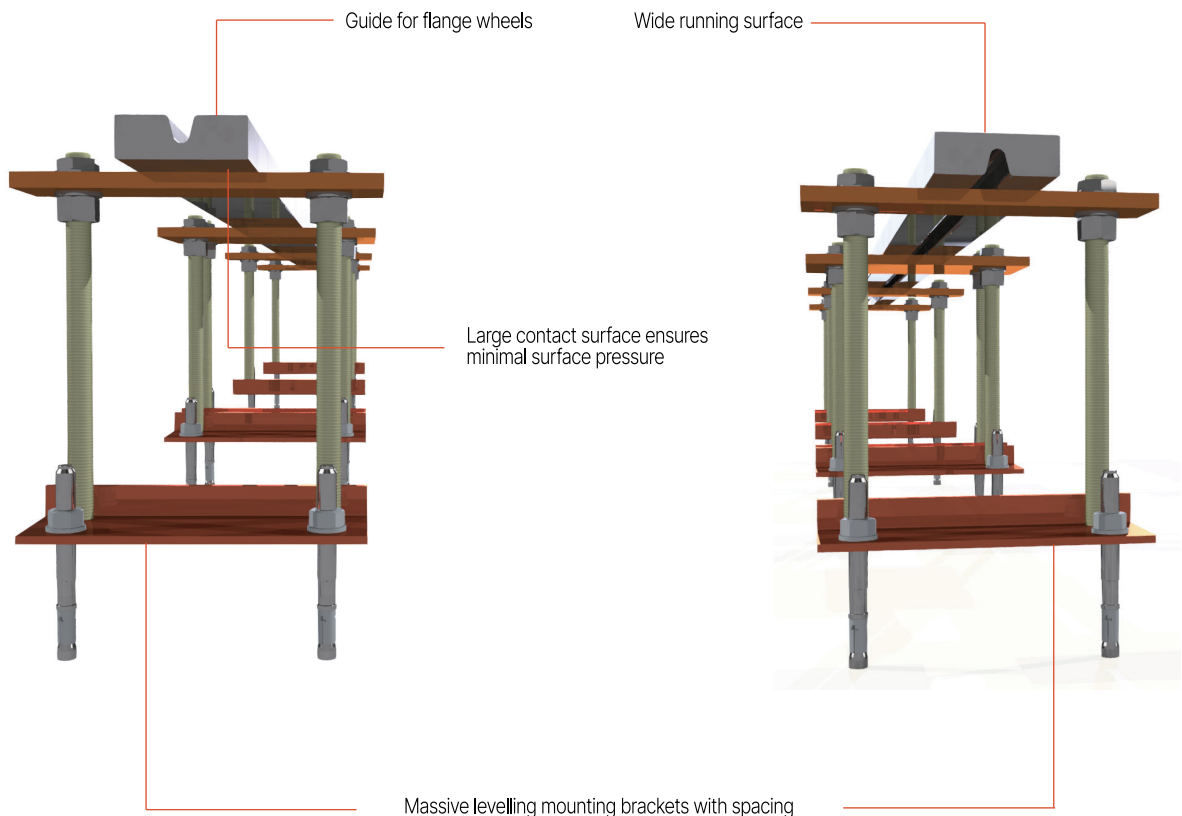
- Horizontal adjustment of mounting bracket each installation
- Support for installation by experienced supervisors
- Installation reports for customer and partner security

The form and quality of the rail system have a decisive influence on the durability of mobile racking systems. The A55 rail profile is made of high strength steel which has high inherent stiffness that fits perfectly into the concrete and thus ensures a long service life.



A55 guide rail-----

-----Running rail A55



THIS IS FOR INSTALLATION ON A SINGLE FLOOR

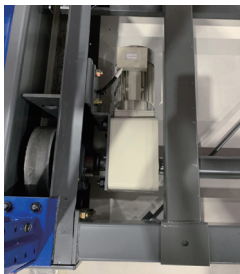
- For expansion and refrigeration warehouses
- Single-layer industrial flooring

MRS | INNOVATION AND ENGINEERING OF A NEW DESIGN CONCEPT

The form and quality of the rail system have a decisive influence on the durability of mobile racking systems. The A55 rail profile made of high strength steel with high inherent stiffness fits perfectly into the concrete and thus ensures a long service life.

Electric drive

Powerful drive in gear control.



Rack mount
Integrated rack mount

Rail system

Robust (Hot-rolled beams)

Guarantee stability, even in rough forklift operation. Torsion-resistant and dimensionally accurate.

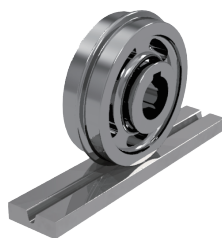
Component protection

Light barriers and proximity sensors protected under rugged cover

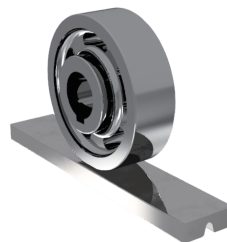
Four-wheel travelling mechanism

Four wheels reduce the loads pressing on the ground.

Guide frame:
Safe wheel flange



Running wheel:
Cambered running wheels



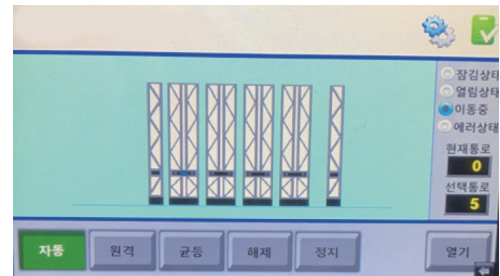
NEXLOGITECH's mobile racks are the ideal solution if you intend to store large or heavy goods.

MRS | SYSTEM CONTROLS

All NEXLOGITECH mobile rack systems can be connected to the parent warehouse management system through an interface.

STANDARD OPERATING FUNCTIONS

- The safety technology modules are integrated into the standard control unit for flexibility and customized safety of the areas
- Emergency stop button at every operating station
- Manual release system and rack movement executed via a control button on each rack
- Manual emergency operation feature
- Permanent system status display via touch screen graphic display
- Travel time and drive monitoring
- Control of the displays elements
- Operating hours counter



Operation panel image

STANDARD OPERATING FUNCTIONS

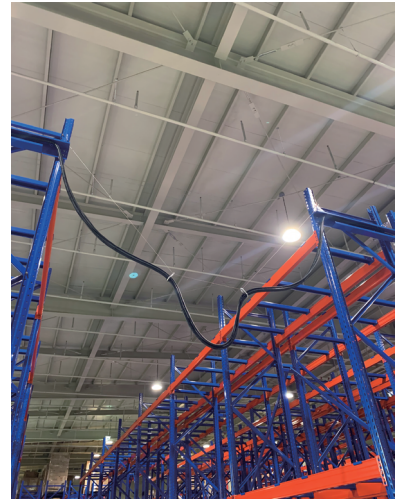
- Ideal for deep-freeze usage
- Safe and accident-free work
- Clever control systems



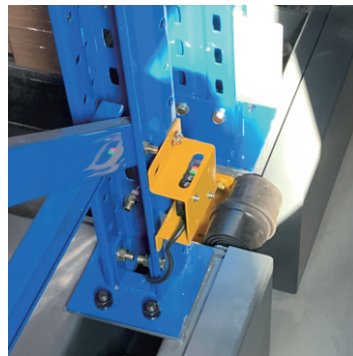
MRS | SAFETY & STANDARD DEVICES

Effective fire protection

Our mobile racks can also be mounted in a removable manner Sprinklers to ensure effective fire protection. Sprinkler line connections can be flexible or connected via scissors transfer joints. Mobile rack systems can be combined with any fire protection system, regardless of the manufacturer.



Component protection Floor Obstacle Detectors



Sensor setting from the outside

Operating indicator with buzzer.



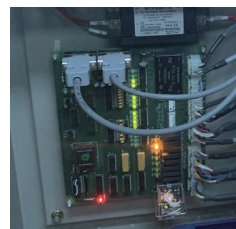
Pass entry detection

Aisle emergency stop switch



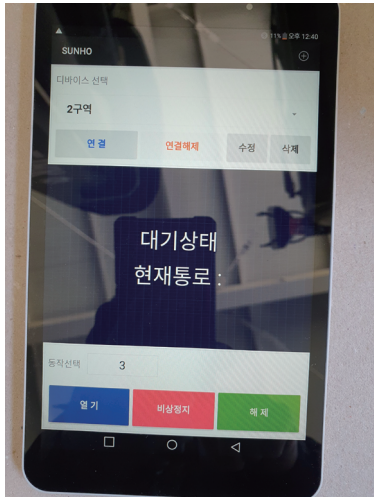
Short-circuit breaker

Load-shedding device



INVERTER

MRS | OPTIONAL COMPONENTS



Remote control for rack aisles

- Wireless remote control with graphical display
- The rack aisle to be opened is selected with a push of a button on the carriage or on the remotecontrol in the forklift
- Time savings thanks to the coordinated movement of the mobile racks and the forklift
- Dynamic aisle change during operation



Control option – aisle lighting

- Reduced energy consumption with lighting pilot control
- The light sources must be arranged in parallel to the mobile rack lines



Other options

- Forklift detection
- Rear system operation
- Interface for warehouse management system
- Optical travel warning
- Remote access / remote diagnostics
- Acoustic advance travel warning
- Touch control
- Synchronization control

MRS | OPTIONAL COMPONENTS



Rack Protections – BELLARD™

Barrier for single and double end of aisle racks. Rounded design with no edges or protrusions avoids the risk of knocking over loads on trucks and forklifts. Ideal for handling areas with heavy traffic. Fixing accessories included.



Rack Post Protections - NEXAGON™

The rack upright protections have an innovative internal structure, the only one with three shock absorbers in anti-shock material that effectively absorb frontal and lateral impacts with moving vehicles.

