



NOEGA Systems

Storage solutions



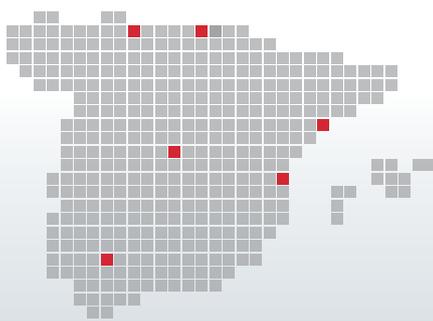
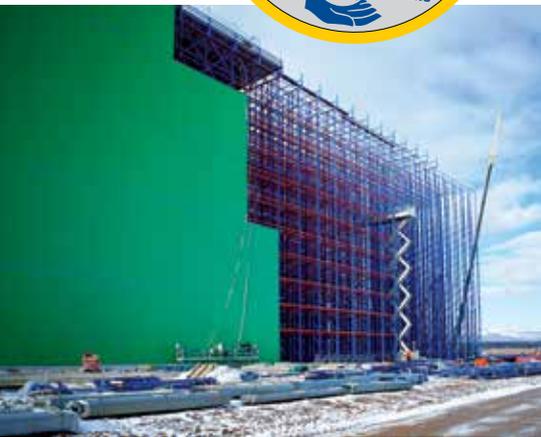
Storage Systems

www.noegasystems.com



NOEGASystems specialises in design, calculation, production, supply and installation of industrial storage and logistics solutions.

The founders of NOEGASystems are professionals with extensive knowledge of the storage industry, with a combined experience of over 100 years managing technical, financial, marketing and sales departments.



Sales Offices

We have sales offices in Barcelona, Bilbao, Madrid, Seville, Valencia, the UK, and headquarters in Gijón.

International services are provided from our satellite offices with support from our headquarters.

NOEGASystems offers its customers and partners a team with extensive experience in materials handling, a wide network of offices across Europe and a technical department capable of designing, calculating and developing any type of required storage solution.

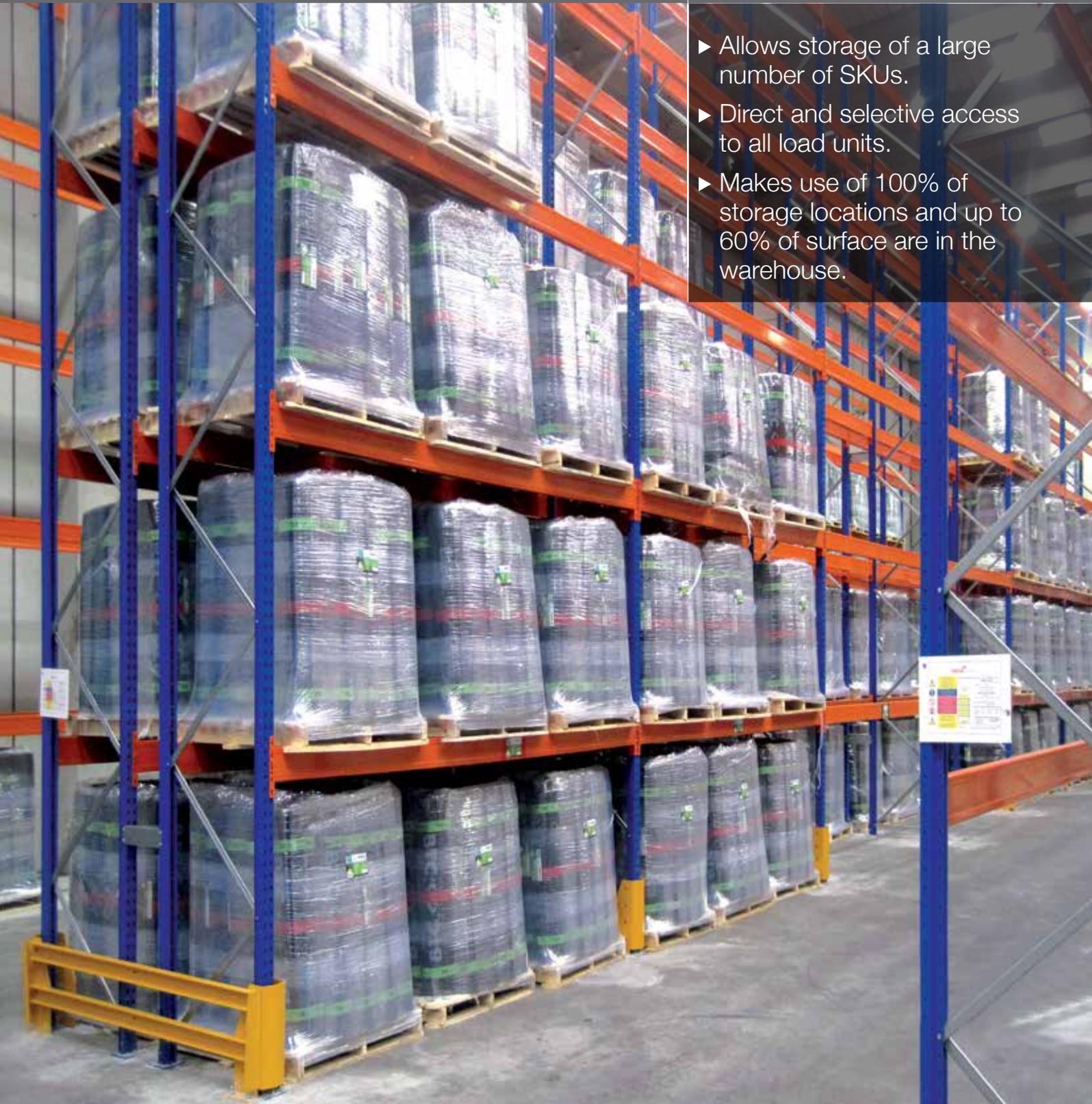
Examples of recent Noega projects include rack clad buildings up to 41.4 m high with 41,076 pallet locations, automated hanging garment storage for 6,600,000 garments, shuttle storage for 18,850 pallet locations in a rack clad, cold storage warehouse, miniload racking for 520,866 cartons, mezzanine systems, light shelving systems, cantilever, and many other traditional storage systems.

The combination of NOEGASystems' technical and commercial skills, together with our industrial partnerships with manufacturers gives us an unrivalled ability to offer competitive quotes and deliver successful projects.

Adjustable Pallet Racking

The most popular storage system for palletised load units, easily adaptable to different formats, weights and volumes. Gives the possibility to combine in one installation palletised loads on upper levels, and manually handled loads on lower levels.

- ▶ Allows storage of a large number of SKUs.
- ▶ Direct and selective access to all load units.
- ▶ Makes use of 100% of storage locations and up to 60% of surface area in the warehouse.



Mobile Pallet Racking

Installing conventional shelving on mobile bases increases storage capacity and reduces the required floor space by eliminating fixed aisles while still maintaining direct access to all pallets.

- > Ability to store large number of SKUs.
- > Direct and selective access to all load units.
- > Makes use of 100% of storage locations and up to 80% of surface area in the warehouse.
- > System suitable for cold storage with numerous SKUs, and picking storage for medium and low product turnover.



Pallet Live Storage FIFO (FIRST-IN-FIRST-OUT)

Pallet live storage on gravity rollers. Suitable for companies that need to ensure perfect FIFO rotation with maximum space efficiency, high turnover of pallets and minimal staff requirements.

- > One SKU per channel.
- > Makes use of 100% of storage locations and up to 80% of surface area in the warehouse.
- > High turnover of palletised products.



Shuttle Car LIFO (LAST-IN-FIRST-OUT)

Conventional system operated by a satellite shuttle, designed for LIFO or FIFO batch storage. Makes the most of the space for a medium/high turnover of pallets with minimal operator requirements. Pallets are loaded and removed from a single aisle.

- > One SKU per channel.
- > Makes use of 100% of storage locations and up to 90% of surface are in the warehouse.
- > Medium/high product turnover.



Push Back Pallet Racking LIFO (LAST-IN-FIRST-OUT)

Accumulative storage system accessed from one aisle. Forklift trucks load the pallets by pushing them back towards the rear of the storage channel.

- > One SKU per channel.
- > Makes use of 100% of storage locations and up to 90% of surface are in the warehouse.
- > Medium/high product turnover.



Drive In Pallet Racking (DRIVE-IN). LIFO (LAST-IN-FIRST-OUT)

A highly efficient storage system maximising a building's height and depth. Suitable for storing a low number of SKUs with a large number of units per SKU. Units are stored in complete rows with low to medium product rotation.

- > One SKU per channel.
- > Makes use of 60 and 80% of storage locations and up to 90% of surface area in the warehouse.
- > Low/medium product rotation.



Carton Live Storage

Manually loaded rack incorporating gravity roller tracks. Suitable for order preparation, increasing product rotation and productivity, as well as storage capacity.

- > Dense picking face for a high number of SKUs. FIFO system.
- > Access to all references from one aisle.
- > High pick rates and accuracy.



Static Shelving for Picking

Shelving for manually handled loads with chip-board or metal shelves. The system easily adapts to the space available and the type of load handled. Height of shelves can be easily changed.

- > Shelving height can be easily modified without the use of tools.
- > All references can be accessed from the aisle.
- > Storage space can be doubled by adding walkways and mezzanine floors.



Multi-Tier Shelving Systems

Shelving for manually handled loads. Makes maximum use of available height.

- > Maximum use of available height.
- > Access to all references from aisles.
- > Allows a high volume of products to be picked quickly.



Mezzanine Floors

Increase storage space without extending or moving premises. Columns, with small, medium or large span beams can be designed to meet most requirements – typically 300 to 1000 kg/m².

- > Makes maximum use of available height.
- > Adaptable to various spaces, loads and weights.
- > Designed for offices or warehouses.



Cantilever Racking

System designed for the storage of long loads of different lengths, adaptable to various size and weights.

- > Suitable for long loads of varying length, weight and depth.
- > Level height can be easily modified.
- > Flexible and adaptable to the available space.



Safety Fencing / Mesh Partitions

Modular system allowing quick and easy assembly. Suitable for defining restricted areas or segregating multiple zones or products.

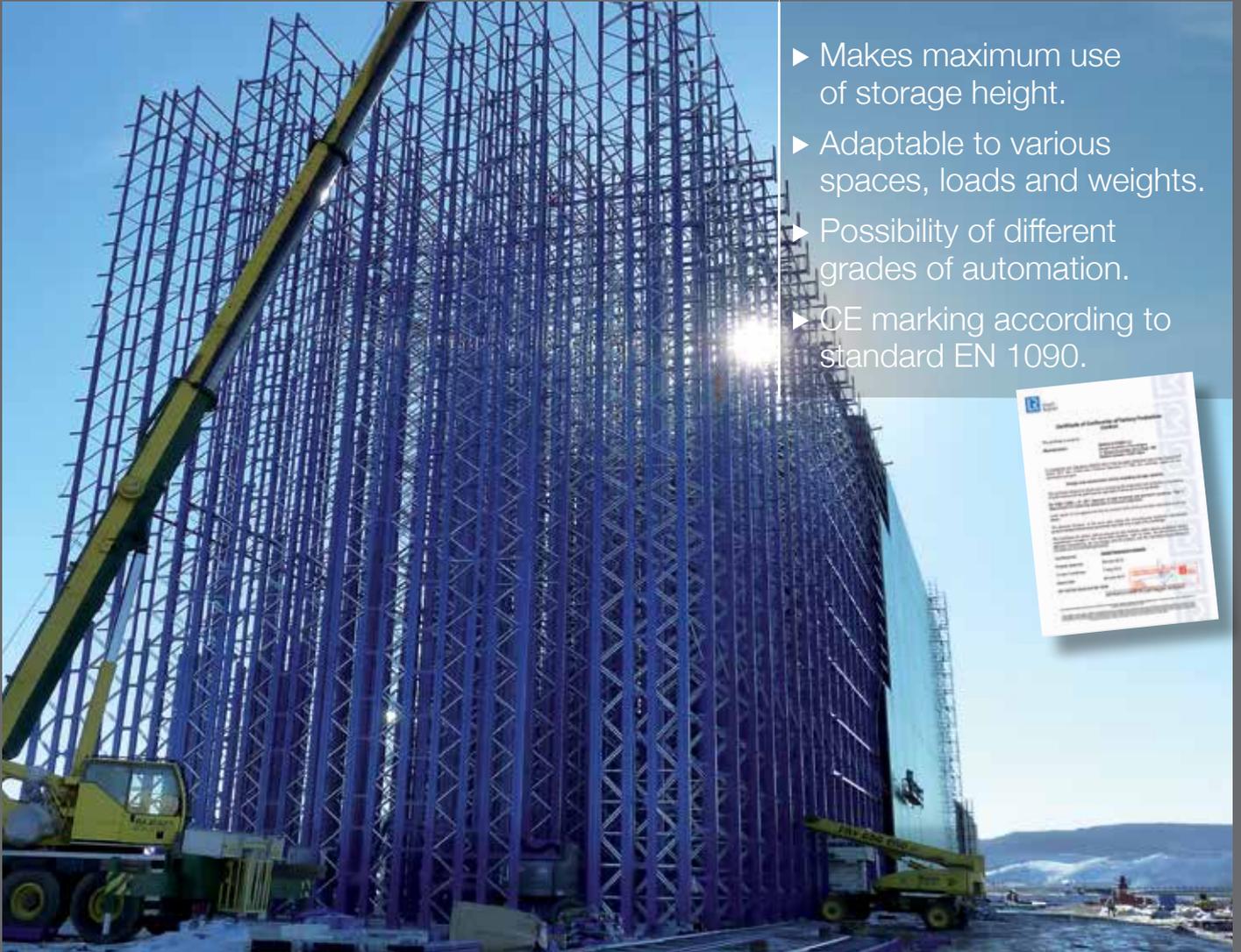
- > Defines dangerous areas.
- > Allows access to be restricted.
- > Adaptable to the available space.



Rack Clad Warehouses

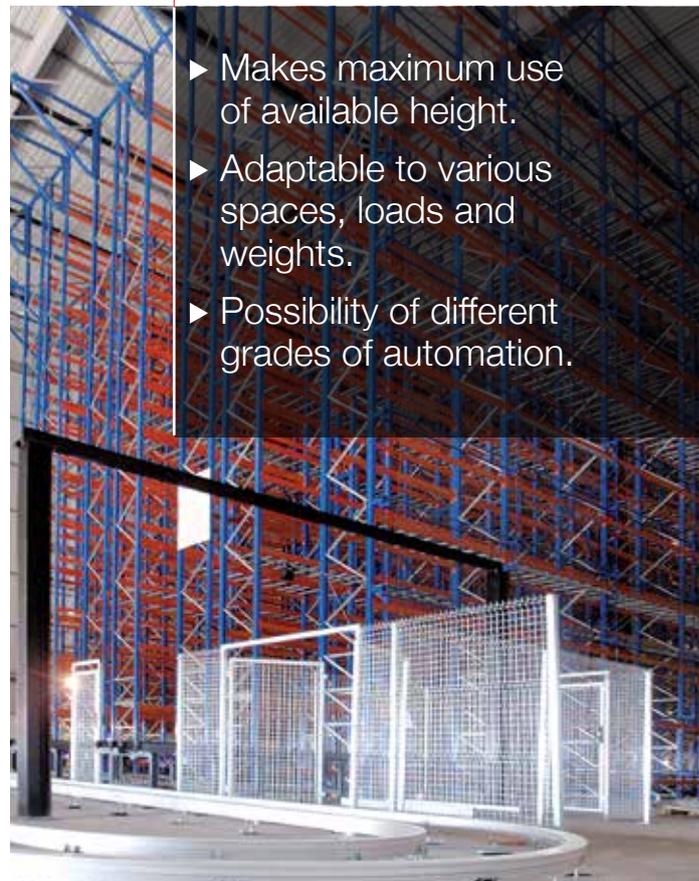
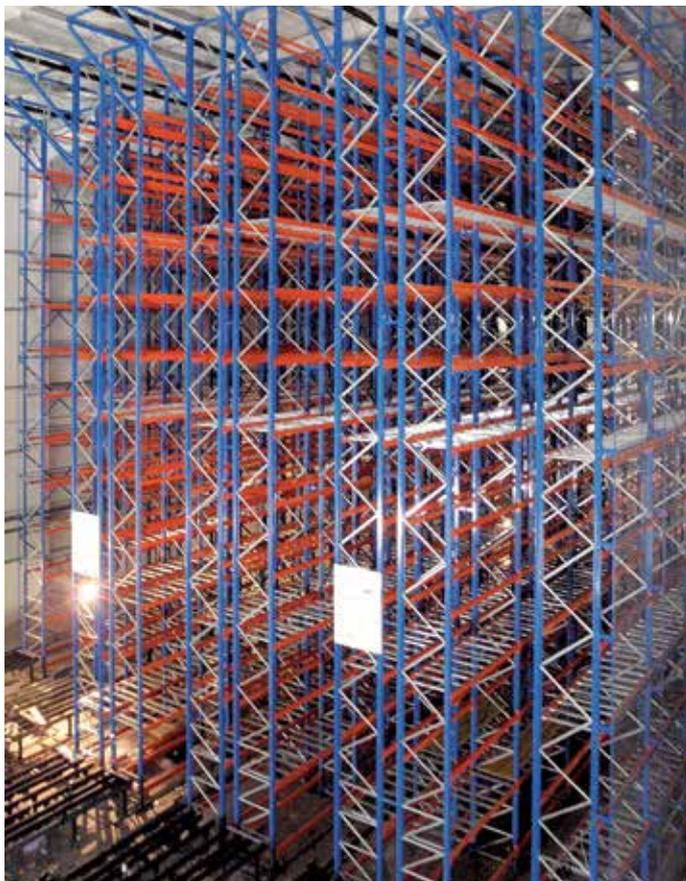
Self-supporting structure avoiding civil construction of a conventional warehouse. Automated storage processes to make maximum profitability of your space.

- ▶ Makes maximum use of storage height.
- ▶ Adaptable to various spaces, loads and weights.
- ▶ Possibility of different grades of automation.
- ▶ CE marking according to standard EN 1090.



Automated Warehouses

Storage systems specially designed to be operated automatically by stacker cranes. Used to store pallets or boxes (Miniload).



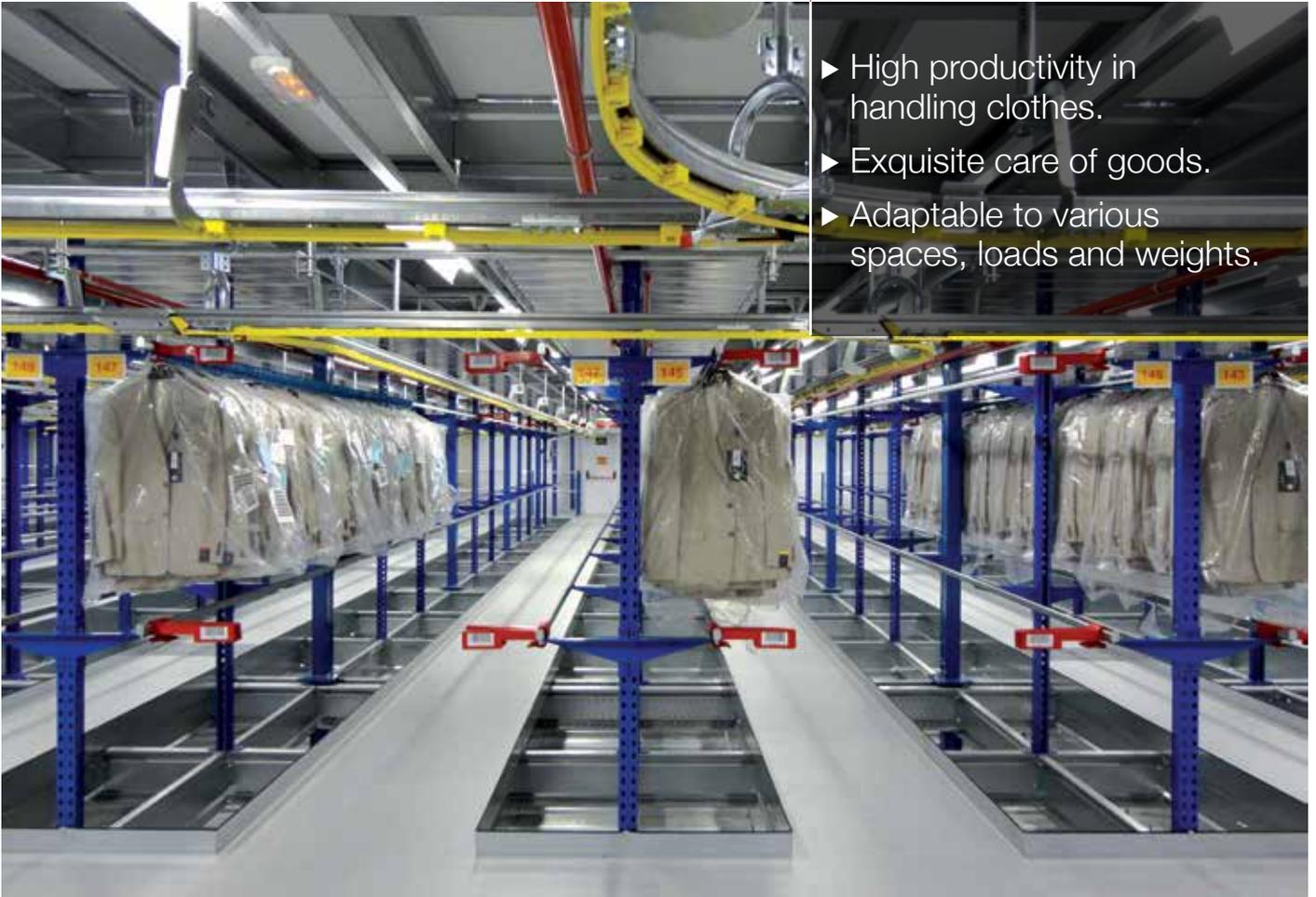
- ▶ Makes maximum use of available height.
- ▶ Adaptable to various spaces, loads and weights.
- ▶ Possibility of different grades of automation.



Hanging Garment Storage

Storage systems designed specifically for the storage of clothing hung on hangers. Can be operated automatically.

- ▶ High productivity in handling clothes.
- ▶ Exquisite care of goods.
- ▶ Adaptable to various spaces, loads and weights.





Experience indicates that a damaged rack can collapse at any time without warning, with serious consequences for personnel and property.

Damage to shelving caused by impacts from handling equipment and load units is not always visible, and can cause excessive and dangerous deformations in the racking, which alters the load capacity and diminishes its performance.

Other actions such as racking relocation, movements and changes in the arrangement of the frames and beams can also negatively affect the performance of storage systems.



ITE® is an inspection method developed by NOEGASystems based on the standard EN 15635. ITE® identifies potential weaknesses in steel storage systems and complies with current legislation according to the latest state of the art technology.

ITE® relieves you of the responsibility for your steel storage systems, transferring it to experts who will advise you on what action to take.

ITE® inspections are performed by expert technicians accredited nationally and internationally.

Regulations and Legislation

Storage systems that function as working equipment are subject to compliance with current occupational safety regulations.

Systems to Inspect

Storage systems subject to inspection are those specified in the EU standard 58011 "Steel static storage systems. Classification, Definitions, Terminology".

Responsibility and Safety

The law establishes that it is the employer, the owner or operator of the facility who is responsible for ensuring an active policy of prevention, for the safety of people and for proper maintenance of work equipment, such as steel storage systems.

State-of-the-Art

The latest techniques in shelving inspection are included in the standard EN 15635 "Steel static storage systems. Application and maintenance of storage equipment".



NoegaSystem certificates have been issued by national e international institutions

NOEGASystems Accreditations

As well as complying with EN 15635:2010, ITE® procedures (Inspección Técnica de Estanterías, or Technical Inspection of Steel Storage Systems) are supervised by the Technical Director of Noega

Systems, Gregorio Fernández Reugeot, who has extensive experience and is well respected internationally in the industrial storage sector

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Design, manufacturing, supply and installation of steel storage systems.

Consultancy

Validation for use of storage systems according to EN 58014
Static validation of any manufacturer's storage systems.



Technical Inspection of Racking and Steel Shelving Systems

Inspection and review of shelving systems according to European Standard EN 15635.

Training

Training of inspectors and personnel responsible for the safety of storage equipment.

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Quality Management System
certified to ISO 9001



Occupational Health and Safety
Management Systems certified
to OHSAS 18001

Management Systems
certified according to SGI
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