

# **INTRALOGISTICS AND SMART WAREHOUSING**

**FLEXIBLE SOLUTIONS FOR YOUR WAREHOUSING**

**M<sup>2</sup>DERN EXPO**

**WE**

**MODERN MISSION**

**CREATE**

**RETAIL**

**NEW**

**MODERN VISION**

**WE**

**ARE**

**MODERN**

MODERN PHILOSOPHY



press Play to watch  
video on Youtube

**MODERN VALUES**

**HONESTY**

**&**

**OPTIMISM**

# MODERN GEOGRAPHY



We supply our  
products to more  
than **75** countries

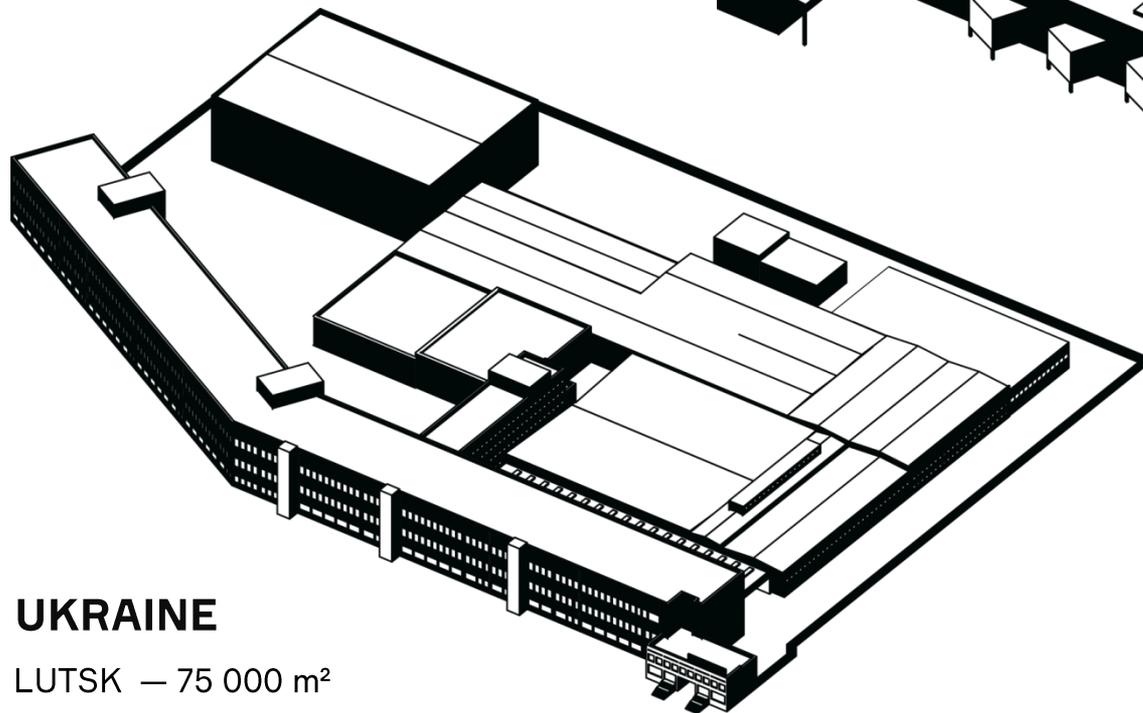
## MODERN NUMBERS

**2650** employees

**83 500 m<sup>2</sup>** production facilities

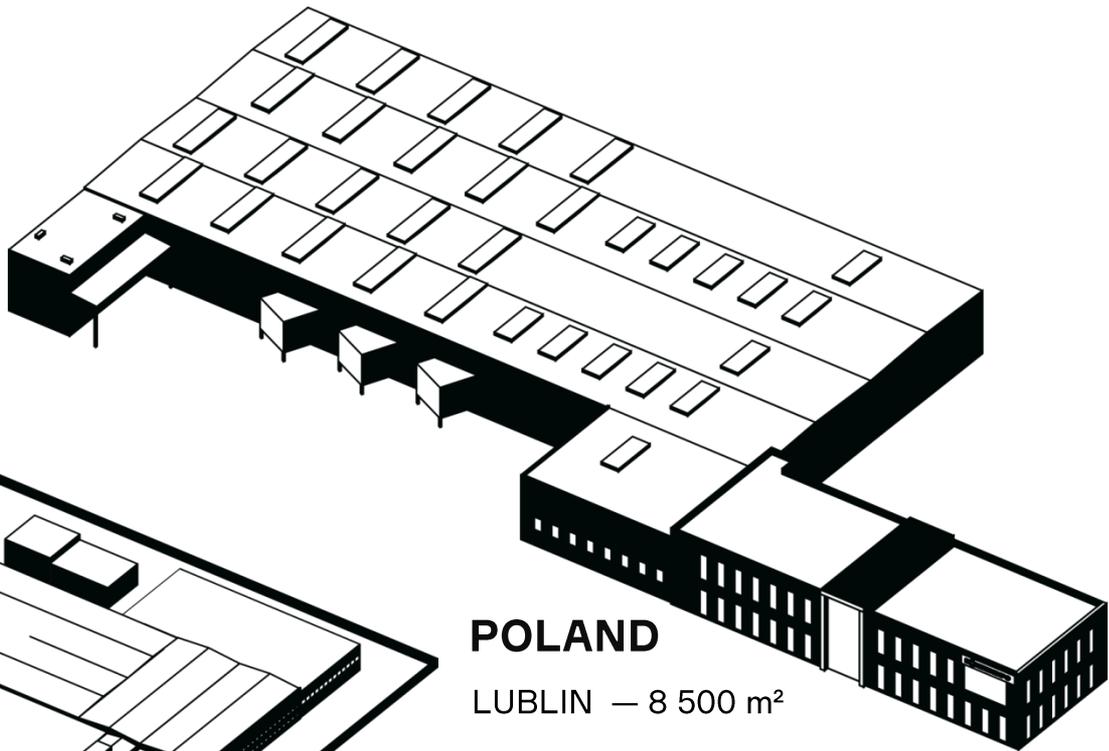
**100+** dealers

# MODERN WORLDS



**UKRAINE**

LUTSK — 75 000 m<sup>2</sup>



**POLAND**

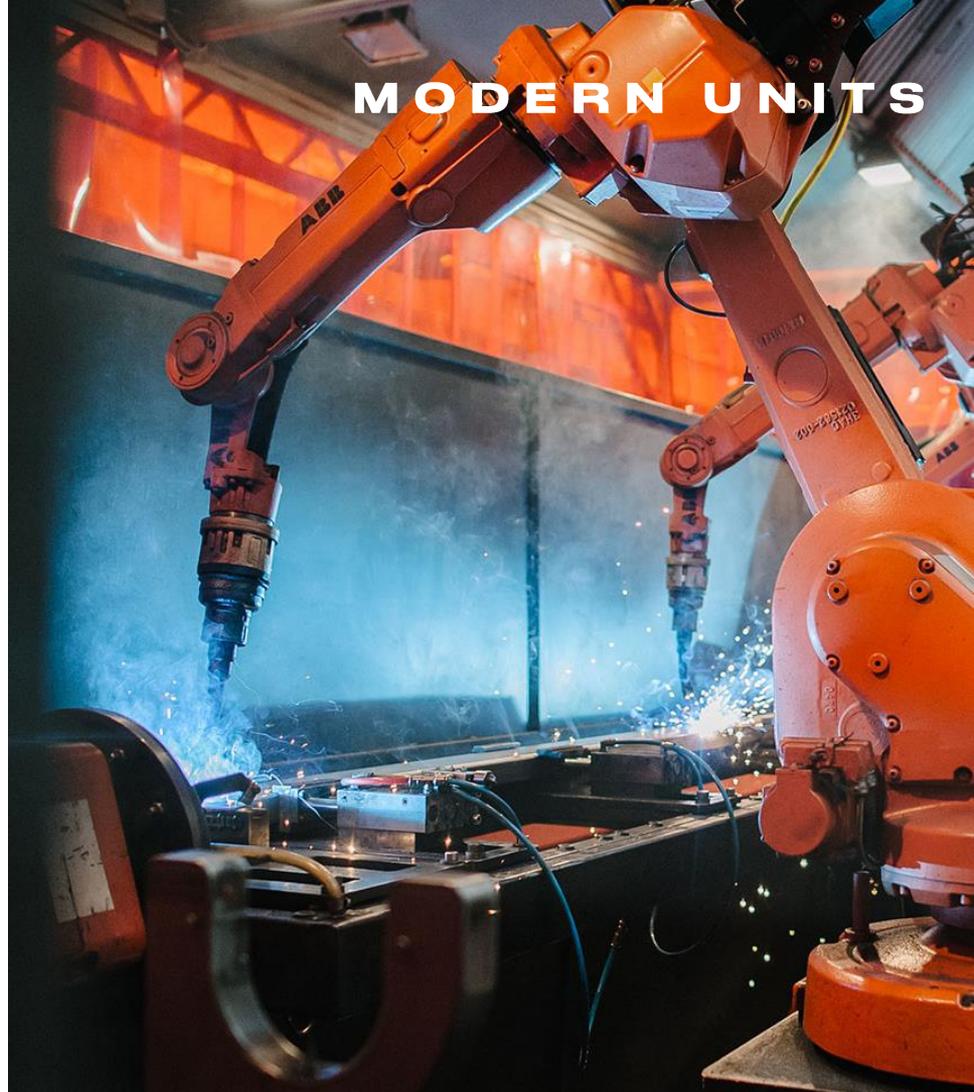
LUBLIN — 8 500 m<sup>2</sup>

# MODERN EXPO

**Modern Expo is 9 high-tech production units specializing in different types of equipment. Our manufacture is one of the most powerful in the world, we provide mass replication in roll-outs and ensure meeting each of our products with European safety and quality standards (EN and FEM).**

**Today we have become a platform bringing together leading professionals into powerful teams of R&D, IT, retail design, engineering, etc., working in synergy to create the perfect retail of the future by Modern Expo.**

**MODERN UNITS**





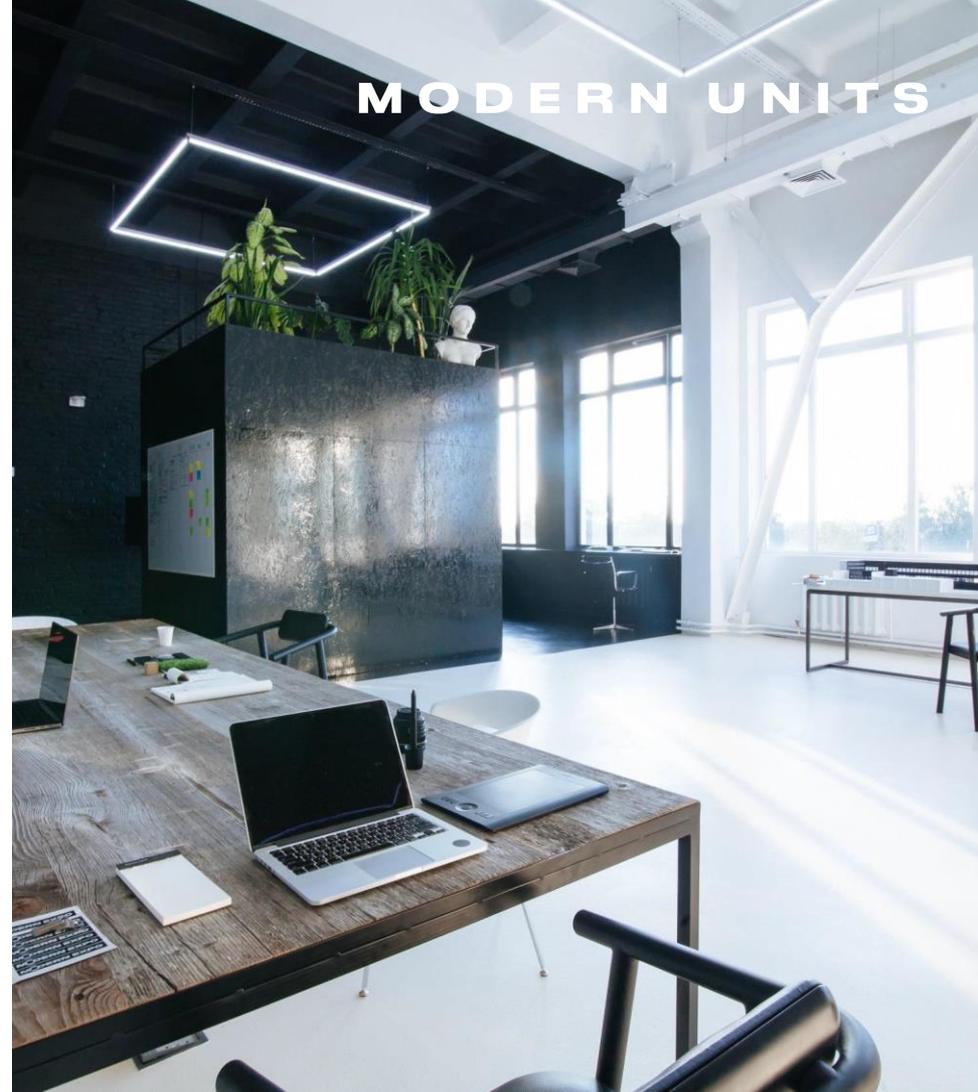
**Modern Expo unit, which implements complex «smart» developments and automated innovation solutions that transform retail equipment into algorithmic and robotic systems, and retail spaces into stores of the future.**

# MODERN UNITS





**Modern Expo unit, specializing in design of retail spaces and products, and the development of retail concepts. They create integrated brand systems that include design-audit, strategy, identity, brand design and interior and exterior retail design projects.**



**Modern Expo unit, specializing in the design, development and manufacture of high-tech solutions for any production. They create instruments for manual production processes automation, mechanical treatment, heat treatment, design of rollforms, stamps, extruders, etc.**



# MODERN CLIENTS



allegro



ATB



Intermarché



METRO



DUNNES  
STORES

STILL



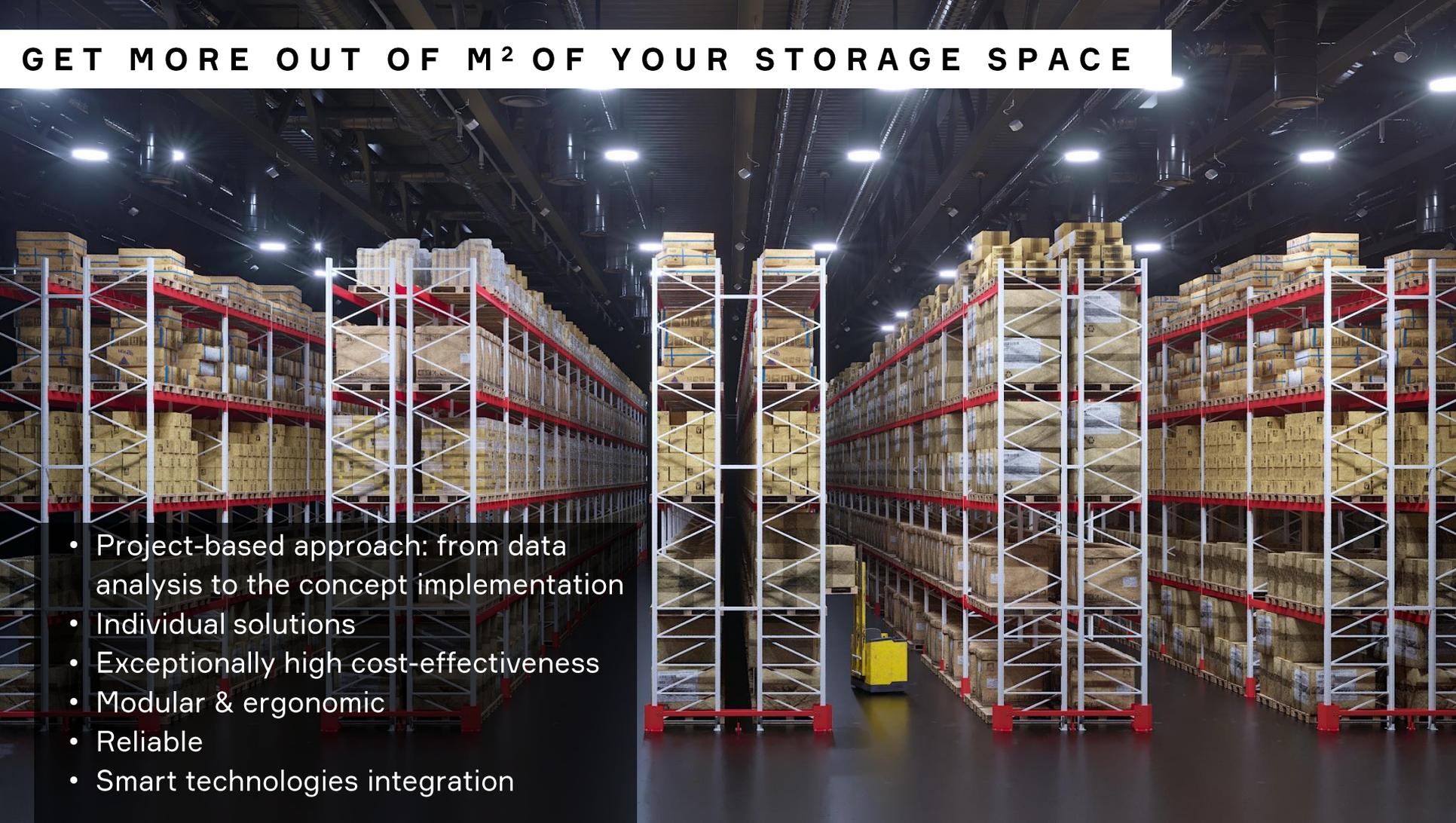
Waitrose



zabka

# GET MORE OUT OF M<sup>2</sup> OF YOUR STORAGE SPACE

- Project-based approach: from data analysis to the concept implementation
- Individual solutions
- Exceptionally high cost-effectiveness
- Modular & ergonomic
- Reliable
- Smart technologies integration



# STATIC STORAGE SOLUTIONS

Pallet Racking



Mezzanine Floors



Mini-rack (for medium loads)

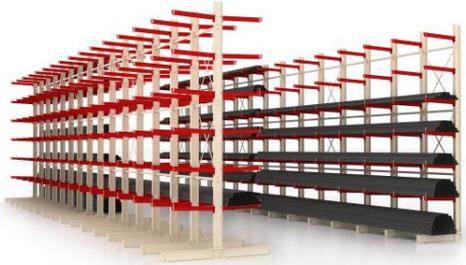


Drive-in



# OTHER STORAGE SOLUTIONS

Cantilever Racks



DIY and C&C Racks



# PALLET RACKING

## Advantages:

- Storage of various types of products
- Storage of EUR and FIN types of palets
- Easy and fast installation
- Easy access to each pallet



## MINI-RACK (for medium loads)

### Advantages:

- Storing different products of small weight and dimensions
- Wide range of dimensions
- Easy and quick installation
- Integration with classic retail shelving system



# DRIVE-IN RACKS

## Advantages:

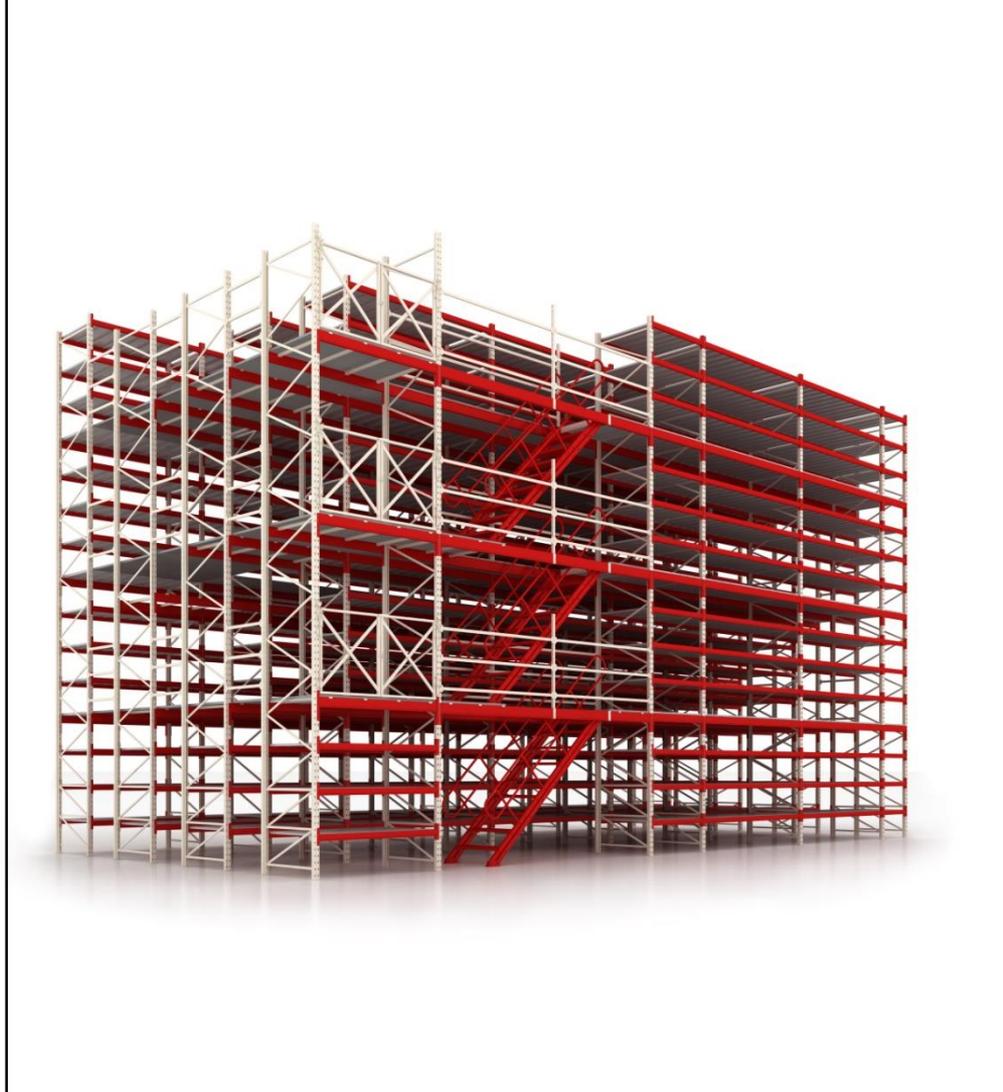
- Lack of the passage between racks assure compact storage with maximum density
- The system enables the use of up to 80% of the warehouse's useful volume, which is 25-30% more efficient in comparison with pallet racking
- Storage of EUR and FIN types of palets
- The forklift operates directly inside the structure



# MEZZANINE FLOORS

## Advantages:

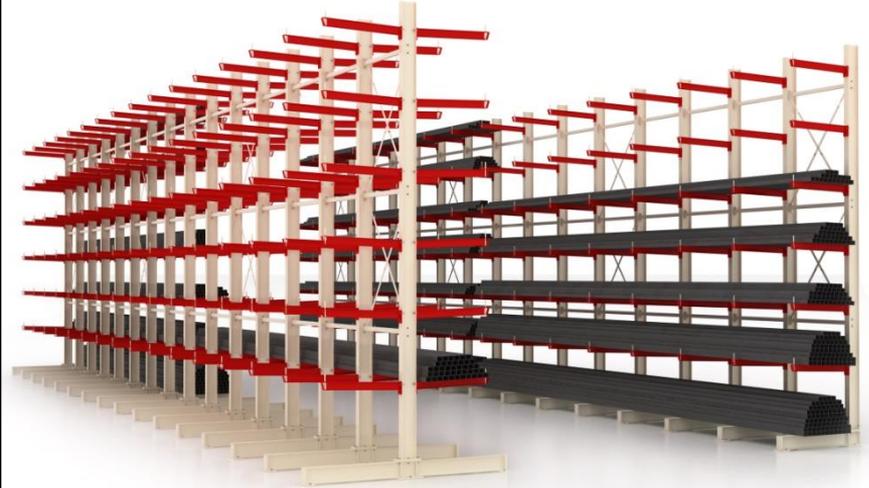
- A multi-level rack system
- Efficient use of storage space
- Optimisation of warehouse flows
- Easy access to each storage level
- Cost minimisation due to standard section profiles



# CANTILEVER RACKS

## Advantages:

- High load capacity of sections
- Static strength, resistance and durability
- Suitable for storage of various lengths of products



# SHELVING FOR DIY AND C&C

## Advantages:

- Effective product demonstration thanks to the wide range of accessories
- Simultaneous storage of different types of products on pallets and shelves, on the same rack system
- Additional space for product display
- Presentation and storage of products in retail space (on the rack)



# DYNAMIC STORAGE SOLUTIONS

Pull-out system



Pallet Live Storage System



Box Live Storage System



Pallet Shuttle System



Push-Back System



Racks on Mobile Platform



# PULL-OUT SYSTEM

## Advantages:

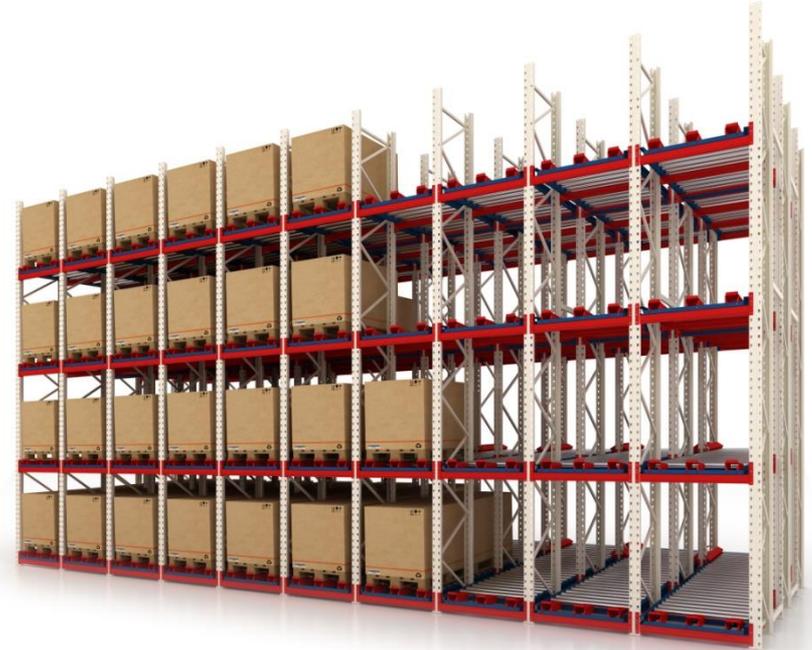
- Up to 15% of storage space is saved
- Pull-out capacity of up to 100%
- Can be used for the majority of racks available in the market
- Easy and fast selection of products
- Easy access to the product from three sides
- Loading equipment is not required



# PALLET LIVE STORAGE SYSTEM

## Advantages:

- Storage space optimisation up to 80%
- Operates without the electrical consumption
- Reduced product selection time
- Compatible with different types of pallets



# SOLUTIONS FOR DYNAMIC STORAGE

## Advantages:

- Automatic turnover of products in the warehouse according to the FIFO principle
- Access to each product's own track means a reduction in mistakes during the selection
- Operates without the electrical consumption



# PALLET SHUTTLE SYSTEM

## Advantages:

- Remote loading control
- Maximum storage density
- Warehouse operation requires a smaller amount of machines and personnel



# P U S H - B A C K S Y S T E M

## Advantages:

- Ideal for products with a medium turnover
- A large variety of products can be placed
- Allows products of a certain type to be stored at each level
- Maximum usage of height due to its specially developed design



# RACKS ON MOBILE PLATFORM

## Advantages:

- Convenient access to each section
- Efficient use of storage space
- Easy changing of racks inside the warehouse
- Cost savings for electricity
- Compactness



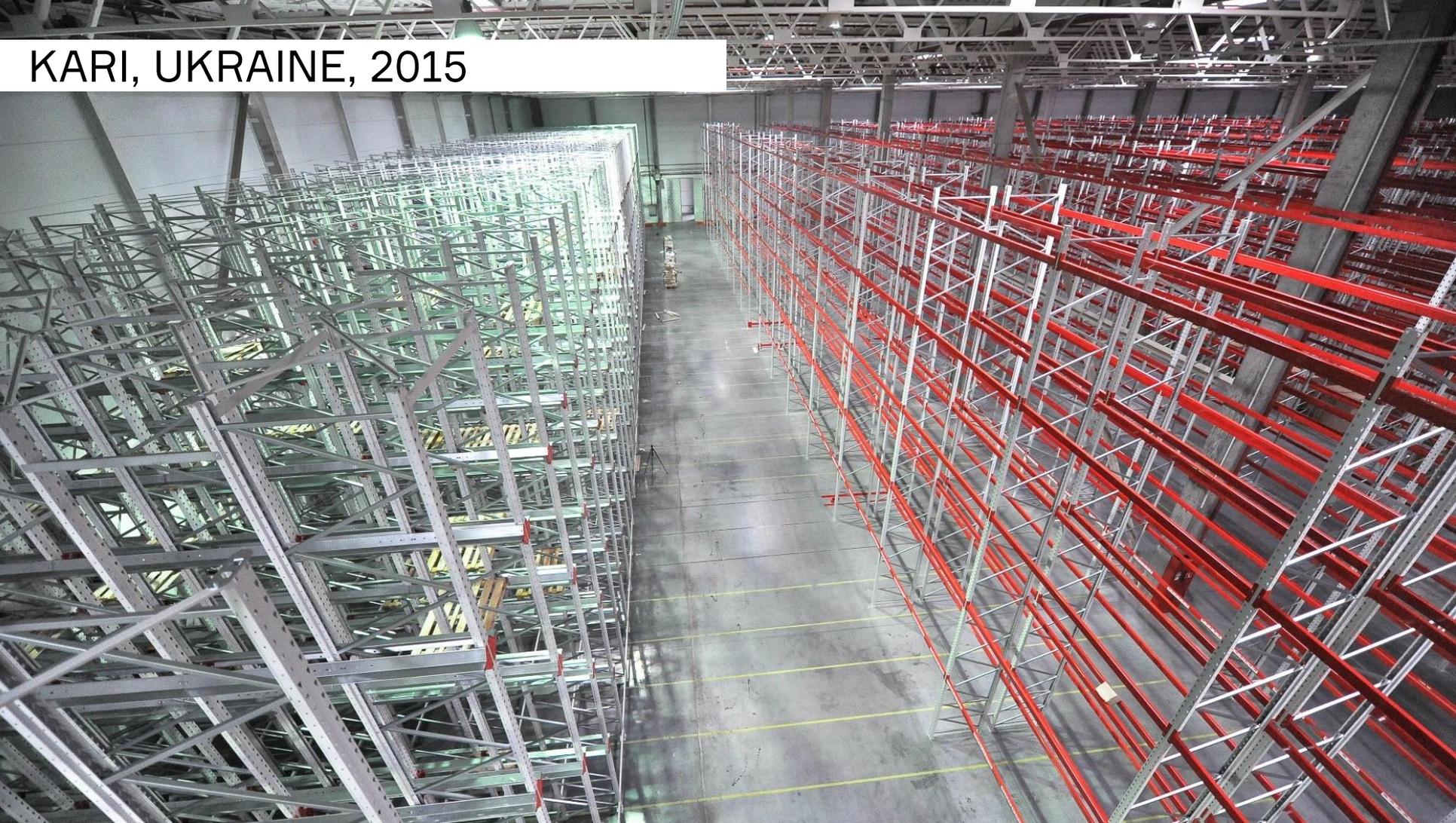


# MODERN PORTFOLIO

EDDIE STOBART, UK, 2020



KARI, UKRAINE, 2015



ALDIK, POLAND, 2016



# MIELE, CZECH REPUBLIC, 2019



# KROMBERG & SCHUBERT, GERMANY, 2016



EKOL LOGISTICS, UKRAINE, 2019



STOKROTKA, POLAND, 2019



ARAZ, AZERBAIJAN, 2019



EKOL LOGISTICS, UKRAINE, 2016



HILL'S PET, CZECH REPUBLIC, 2017



GEBERIT, UKRAINE, 2018



PET CENTER, CZECH REPUBLIC, 2020



BRAVO, AZERBAIJAN, 2016



FATRA A.S, CZECH REPUBLIC, 2017



TAVRIYA-V, UKRAINE, 2018



# MEGATOP, BELARUS, 2015



NESTLE, UKRAINE, 2020



IDS GROUP, UKRAINE, 2018



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