

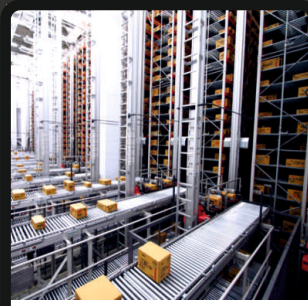
STAMH[®]

STORAGE TECHNOLOGIES & MATERIAL HANDLING

AUTOMATED SYSTEM FOR PALLETS



STORAGE SYSTEMS



AUTOMATION & CONVEYING



ROBOTICS



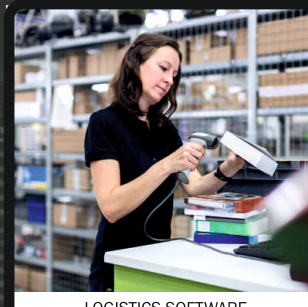
WAREHOUSE EQUIPMENT



MATERIAL HANDLING MACHINES



INSTALLATION, INSPECTION, SERVICES



LOGISTICS SOFTWARE



PROFESSIONAL CLEANING MACHINES

SOLUTION FOR EVERY WAREHOUSE

WWW.STAMH.COM

20 STAMH[®] years

STAMH[®] is an engineering company that performs consulting, design and engineering of complex automation and mechanized warehouses, including management software. The territory in which it operates and has its own companies and representative offices is in Bulgaria, Greece, Macedonia, Romania and Serbia and Russia.

Our main products are:

- Ÿ Different type of Automated Storage systems for boxes and for pallets including racks, stacker cranes, conveyers and Management system.
- Ÿ Vertical Automated Storage and Retrieval system for

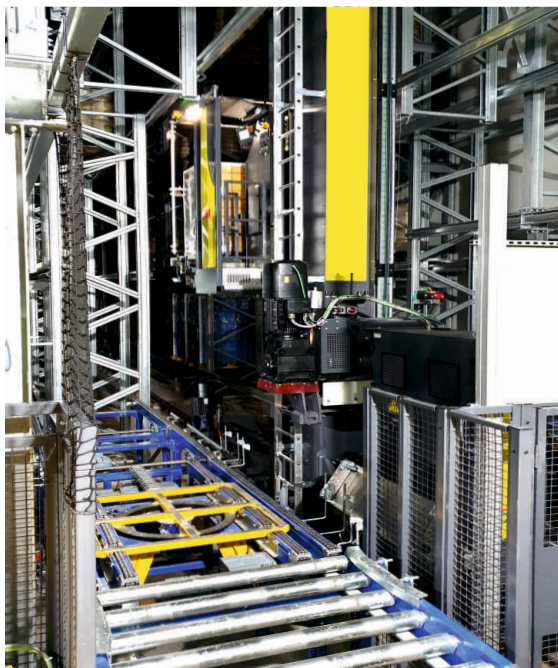
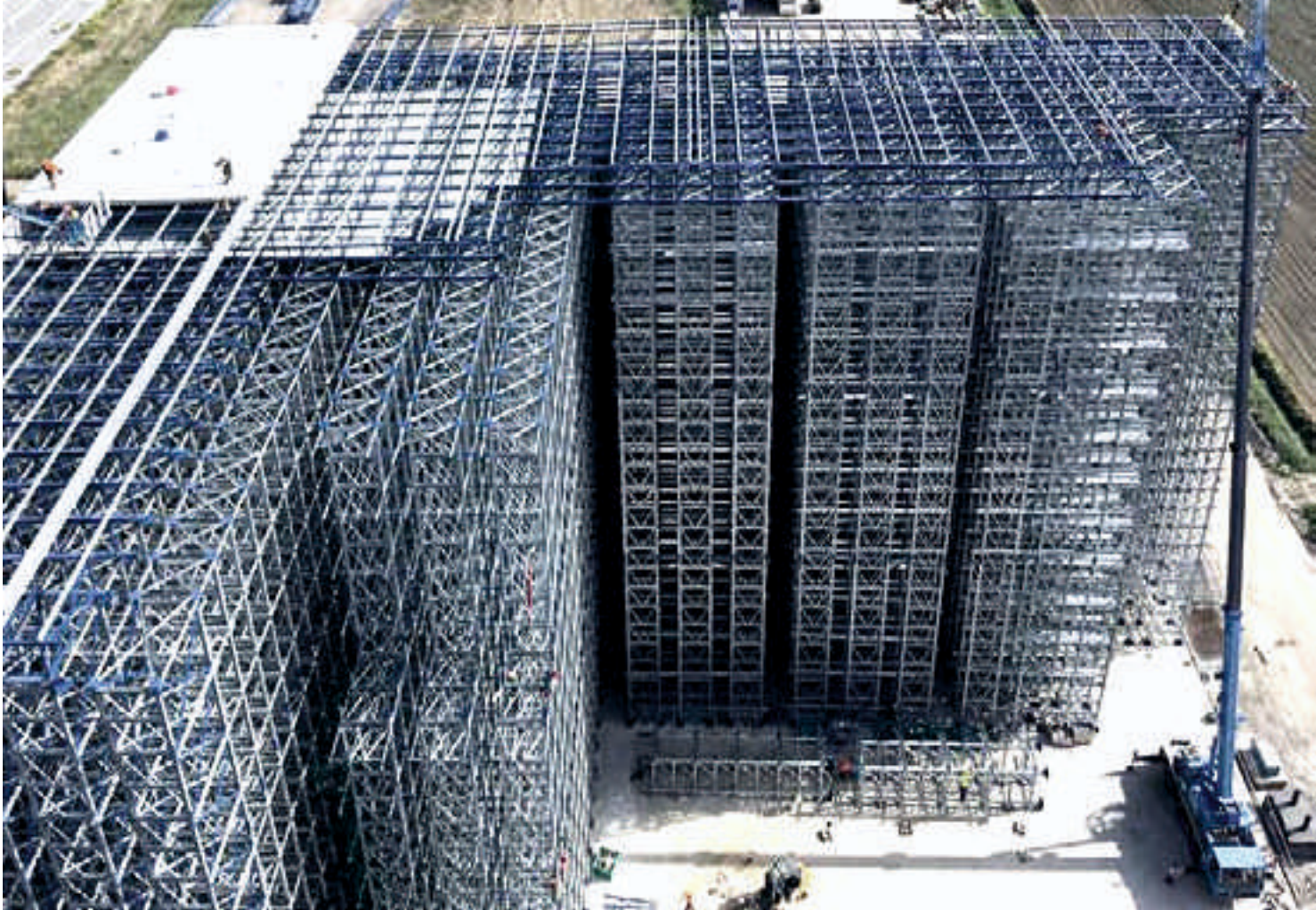
- office and industrial applications
- Ÿ Dynamic roll systems for pallets and boxes, all kinds of roll and belt conveyers and automated sorter systems
- Ÿ Mobile racking systems for pallets and long material
- Ÿ Palletizers and robocars
- Ÿ Warehouse management software WMS
- Ÿ Lifting equipment
- Ÿ Professional cleaning machines



>>> 11500 orders
 >>> 4500 clients
 >>> 21 countries
 >>> 20 years
 >>> 150 employees

AUTOMATED FOR PALLETS

- φ Ability to work in narrow aisles and heights greater than 30 m
- φ Triple increase in the rate of movement in both directions
- φ Automated control of stacker cranes
- φ Continuous control and update inventory
- φ Save all data processes in the warehouse through management software



Automated system for storing pallets maximize the use of available space by allowing storage till 40 meters height and the application of narrow aisles where the goods are served through stacker cranes.

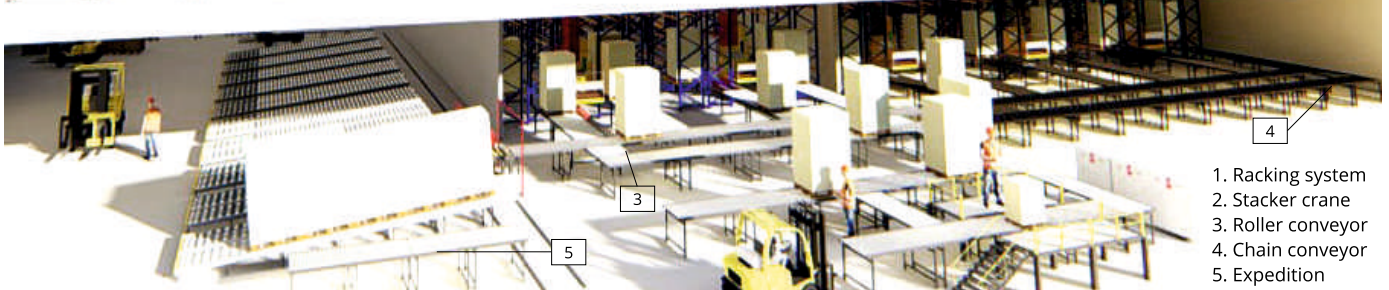
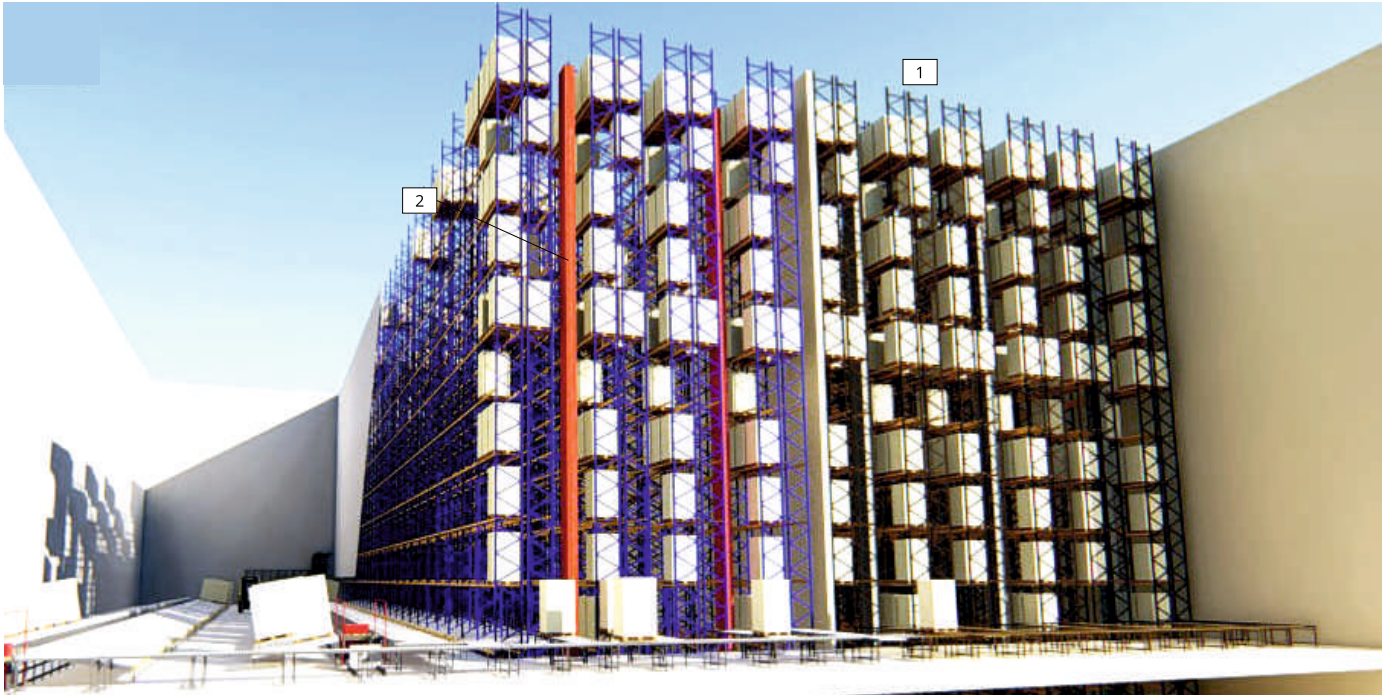
The system is complex and optimal solution based on general requirements and comprehensive goods flow, in which all processes are controlled by warehouse management software.

This type of management keeps track of location and type of all goods in the warehouse, as well as their actual holdings and expiring dates /important for food industry/.

The automation of the warehouses associated with the name “stacker crane”. The combination of vertical and horizontal movements and speed of stacker cranes allow pallets to be served faster in terms of time.

The Stacker Crane is responsible for transfer, positioning and removal of pallets on different levels, as well as transportation from / to the front of the warehouse in which conveyor lines help its operations.

P&D station-(picking and disposal station) is located on one of the sides or end of a shelf system. Using the mechanical movements necessary to put the boxes closer to the operator, and stacker cranes can take them or return to their previous locations in the warehouse.



1. Racking system
2. Stacker crane
3. Roller conveyor
4. Chain conveyor
5. Expedition



MODERN FIRE PREVENTION SYSTEM

The innovative fire prevention method is based on the principle of "fire prevention not damage limitation".

Lower oxygen , raise safety.

Approved technology allows a controlled reduction in oxygen levels within a room or protected area.

Releasing nitrogen into the protected area lowers the oxygen concentration to a level slightly below the specified ignition threshold for the materials present and holds them there. Such an atmosphere eliminates the possibility of an open fire developing: the remaining oxygen is no longer sufficient to sustain a fire or permit it to spread.

This minimizes fire risks while avoiding damage caused by smoke, soot or extinguishing agents.

BENEFITS

Individual

Tailor-made protection schemes for customer-specific risks and protection specifications

Simple

Extract nitrogen directly from ambient air on site to use in reducing oxygen concentration levels

Flexible

Easy to adapt in response to changes in usage or building renovation

Environmental friendly

No need to dispose of residues, ashes or extinguishing gases

Space-saving

Takes up less space compared to extinguishing systems, thus utilizing storage space more effectively

Economical

Attractive cost-benefit ratio for investments in active fire prevention



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