

ERG

Innovative Solutions



ERGOSYNTHESE

Group of Companies

STORAGE SYSTEMS
AUTOMATION
WAREHOUSING
CONSTRUCTION
LOGISTICS



Our vision.

ERG Innovative Solutions, member of ERGOSYNTHESI Group of Companies has been active in storage systems for the past 2 decades providing high quality and guaranteed storage systems that fully meet your requirements. The purpose of the company is to design complete solutions, suitable for any kind of business.

Our solutions, with new technology products, innovative, due to their high quality and unstoppable operation, are the proof of a warranty that, for about two decades, ERG provide all its installed systems, simply and automatically, to all its customers inside and outside Greece.

This covers, to a large extent, almost all the needs in the supply chain, distribution, refrigeration, pharmaceutical, electronics, industrial production, automotive, e-commerce, fashion & etc. As a representative of some of the largest European firms in Greece, our company guarantees the best quality, based on the strictest international standards, the shortest possible implementation time.

1987

Mr. Tsogkas established the first offices in Thessaloniki.

2008

Involvement with industrial shelves & other storage systems in the industrial sector begins.

2018

The involvement of the company with the industrial mobile & fixed buildings begins.

2019

The company's trademark changed to "ERG Innovative Solutions" to emphasize the innovative solutions that we offer.

2012

Establishment of the trademark "ERG Storage Systems" as the department of the group that deals exclusively with industrial storage equipment.

2007

Establishment of the ERGOSYNTHESI CONSTRUCTIONS S.A.



4 Companies



7+ Million at projects



13 Countries of activity



3 Locations of offices



4 Board members



20+ Engineers



35+ Technicians



10 Employees (other)

- Greece (entire region)
- Cyprus
- UK
- Italy
- Switzerland
- Bulgaria
- Romania
- Serbia
- Croatia
- Kosovo
- Albania
- Egypt
- Turkey



Pallet racking

- Pallet back to back
- Pallet with picking
- Double depth racking
- Mobile racks
- Drive in
- Push backs systems

Medium racking

- Mini rack
- Panel shelving

Light shelving

- Errex shelving kit
- Leo shelving kit
- Mobile shelving

Dynamic

- Carton flow shelves
- Pallet flow shelves

Mezzanine

- Mezzanine floors
- Multi tier

Cantilevers

- Heavy duty cantilever
- Light duty cantilever

Self support warehouses

- Rack-clad warehouse
- Tunnel mobile
- Modular warehouse

Automated warehouses

- AS/RS systems
- Stacker cranes for bins & boxes
- Conveyors for bins & boxes
- Stacker cranes for pallets
- Conveyors for pallets

Shuttles

- Radio Shuttles
- Vario sprinter

Carrousel storage

- Vertical storage Systems

Order picking systems

- Rotapick

Overhead conveyors

- Trolleyless conveyor system
- Conveyor system with trolleys
- Electric monorail system

Automatic Guided Vehicles (AGV)

- Carobot
- Sorters

Hanging garments

- Micro trolley system

Retrofit

After sales

Services

- Engineering/Design
- Installation
- Simulation/Emulation
- Field control level
- Material flow control
- Warehouse management
- WMS Software solutions
- ERP Software Solutions

HEAVY DUTY PALLET RACKING SYSTEMS

LIDL HELLAS – Distribution center

ISSUE

Our client required new facilities for it's distribution center of 45.000m² in Attica to supply the stores on the Central and Southern Greece.

SOLUTION

As we received the project plans of the facilities we've created the best solution, based on the client's requirements for more than 32.000 pp, including freeze areas (-24°C).



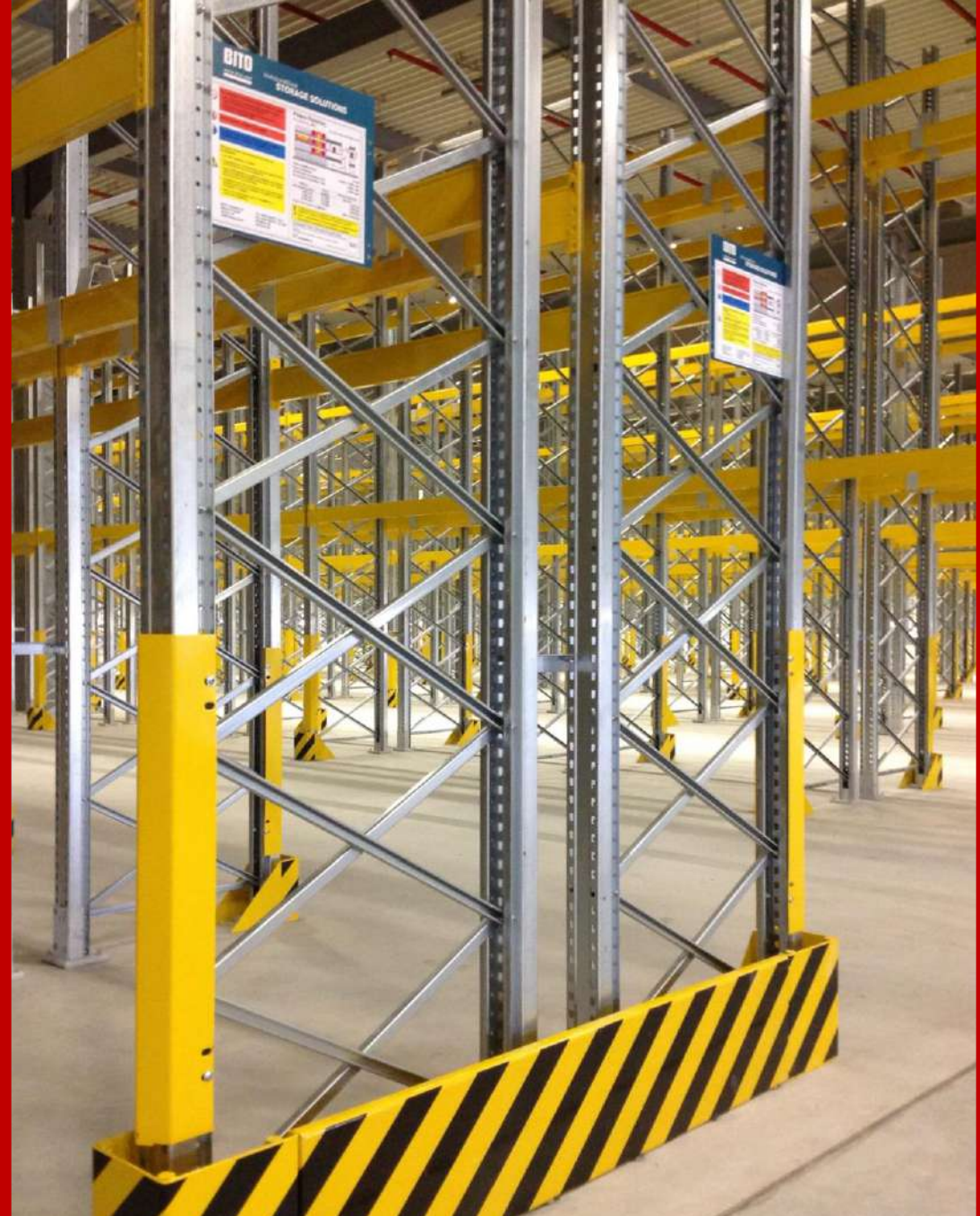
Kalyvia
Attica, Greece



102 working days

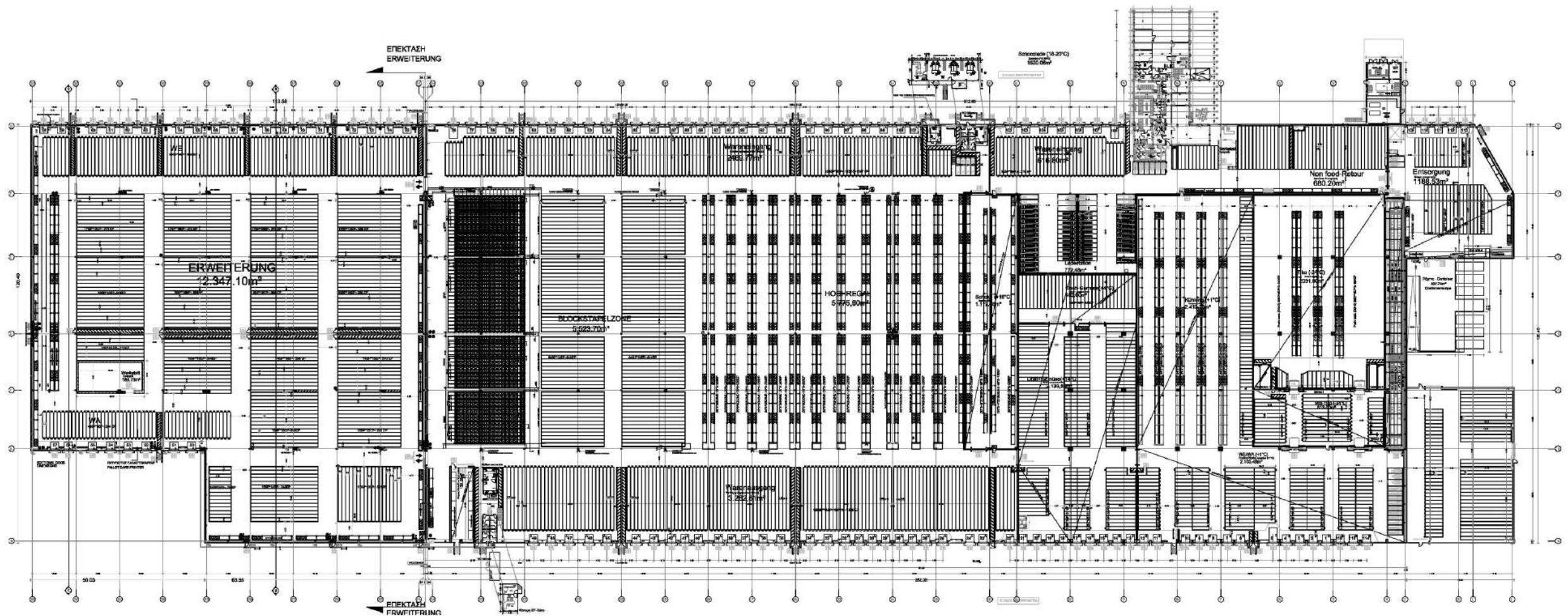


View of pallet racking system.



View of pallet racking system.







Aerial view of the warehouse.



HEAVY DUTY PALLET RACKING SYSTEMS

LIDL HELLAS – Distribution center

ISSUE

Our client required new facilities for it's distribution center of 60.000m² in Central Macedonia to supply the stores on the Central and Northern Greece.

SOLUTION

As we received the project plans of the facilities we've created the best solution, based on the client's requirements for more than 43.000 pp, including freeze areas (-24°C).



Industrial Area of Thessaloniki
Central Macedonia, Greece

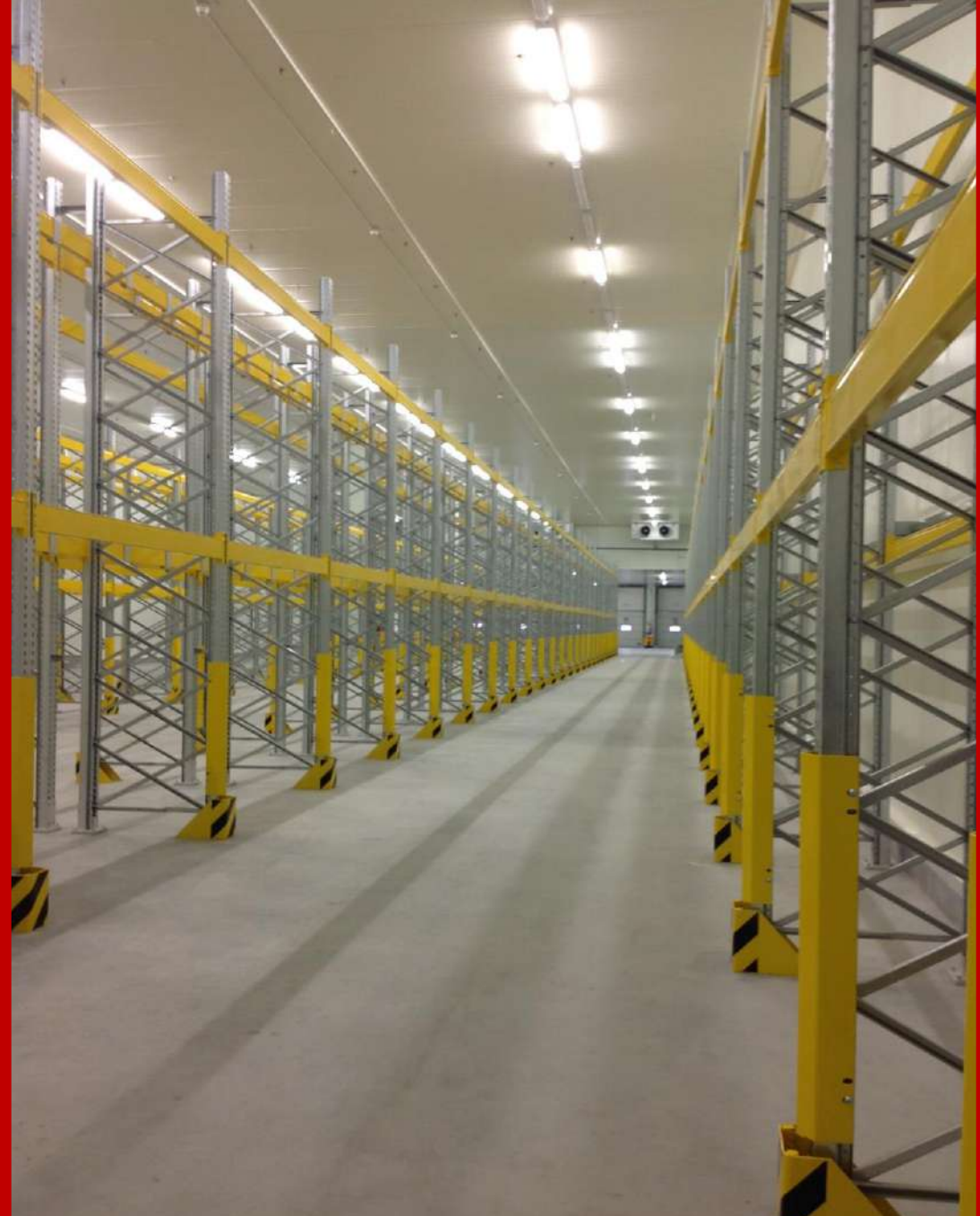


151 working days



View of pallet racking system.

0



View of pallet racking system.

2

HEAVY DUTY PALLET RACKING SYSTEMS

AB VASILOPOULOS – SUPER MARKET CHAIN

ISSUE

Our client required new facilities for its distribution center of 40.000m² in Central Macedonia to supply the stores on the Central and Northern Greece.

SOLUTION

As we received the project plans of the facilities we've created the best solution, based on the client's requirements for more than 20.000 pp, including freeze areas (-24°C).



Industrial Area of Thessaloniki
Central Macedonia, Greece



87 working days



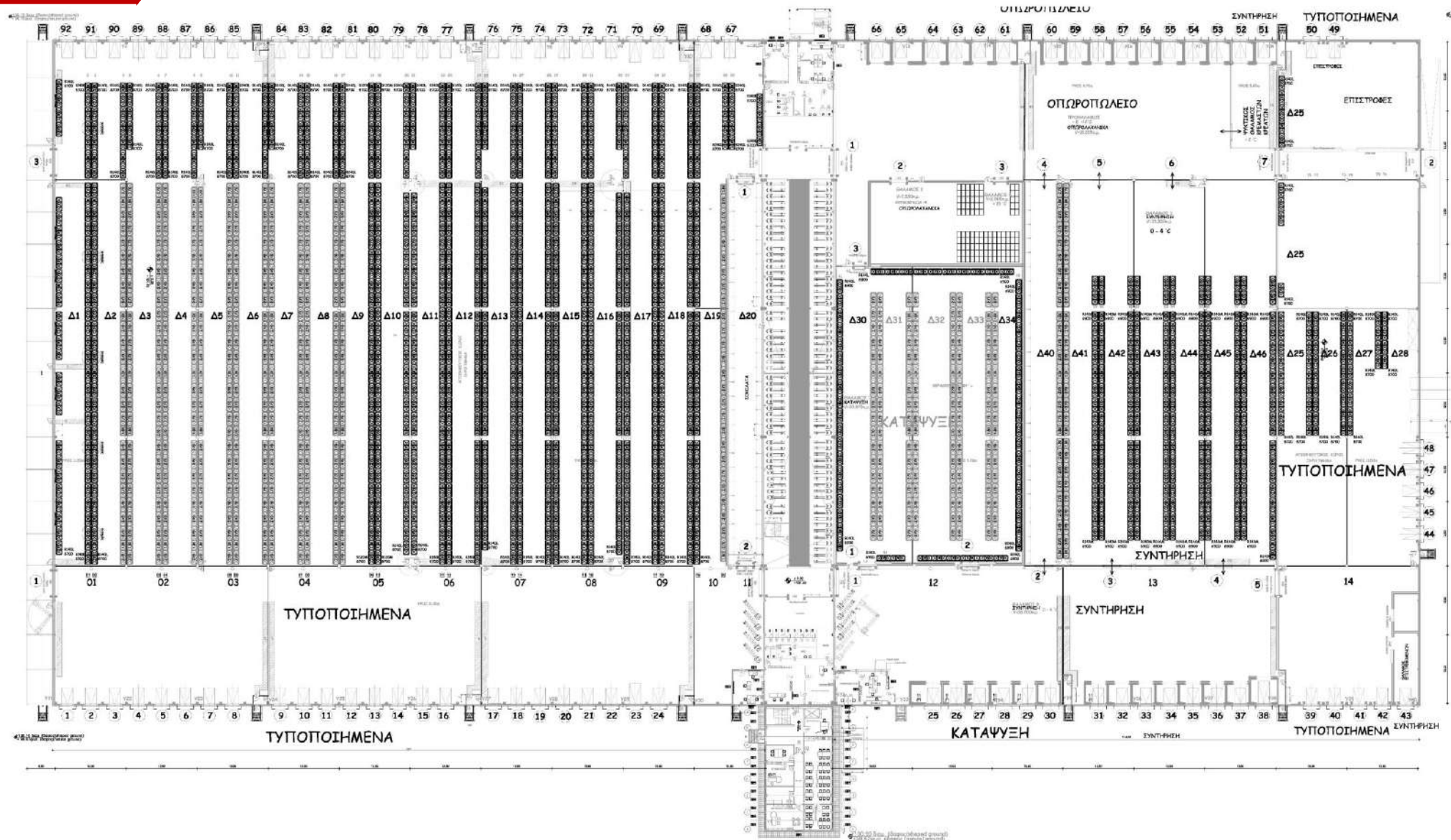
High view of pallet racking system.

0



High view of pallet racking system with goods.

3





VNA PALLET-PICKING STORAGE

IRON MOUNTAIN – Storage center

ISSUE

The client needed to increase their storage capability in short given areas for pallet or picking usage.

SOLUTION

Our solution was to build a VNA pallet-picking storage system for VNA man up fork lifts.



Lemesol,
Cyprus

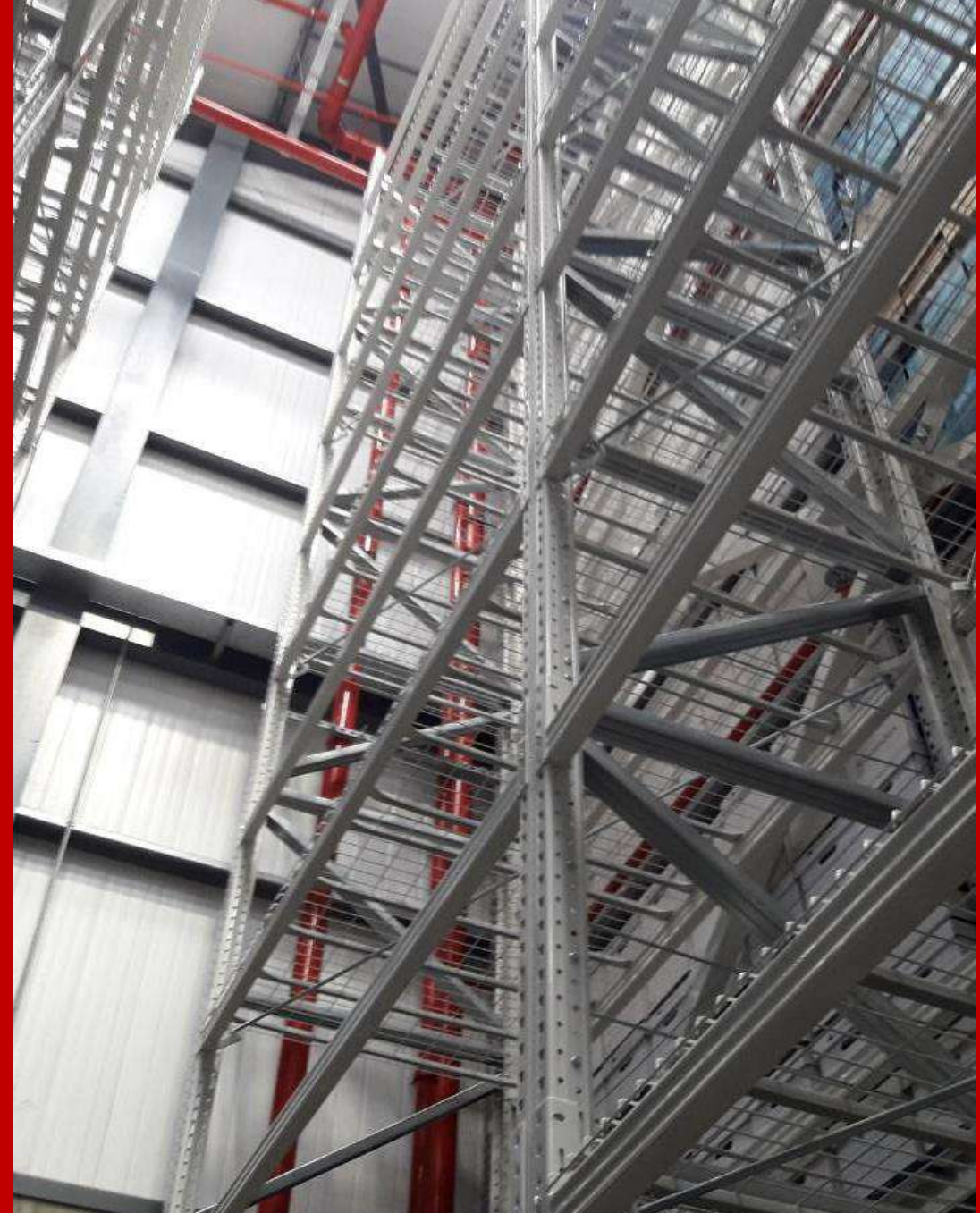


45 working days



Front view of VNA system.

0



Detail of the complexity of racks.

4

SELF SUPPORTED PICKING STORAGE

IRON MOUNTAIN – Storage center

ISSUE

The client needed to increase their storage capability in short given areas for picking usage.

SOLUTION

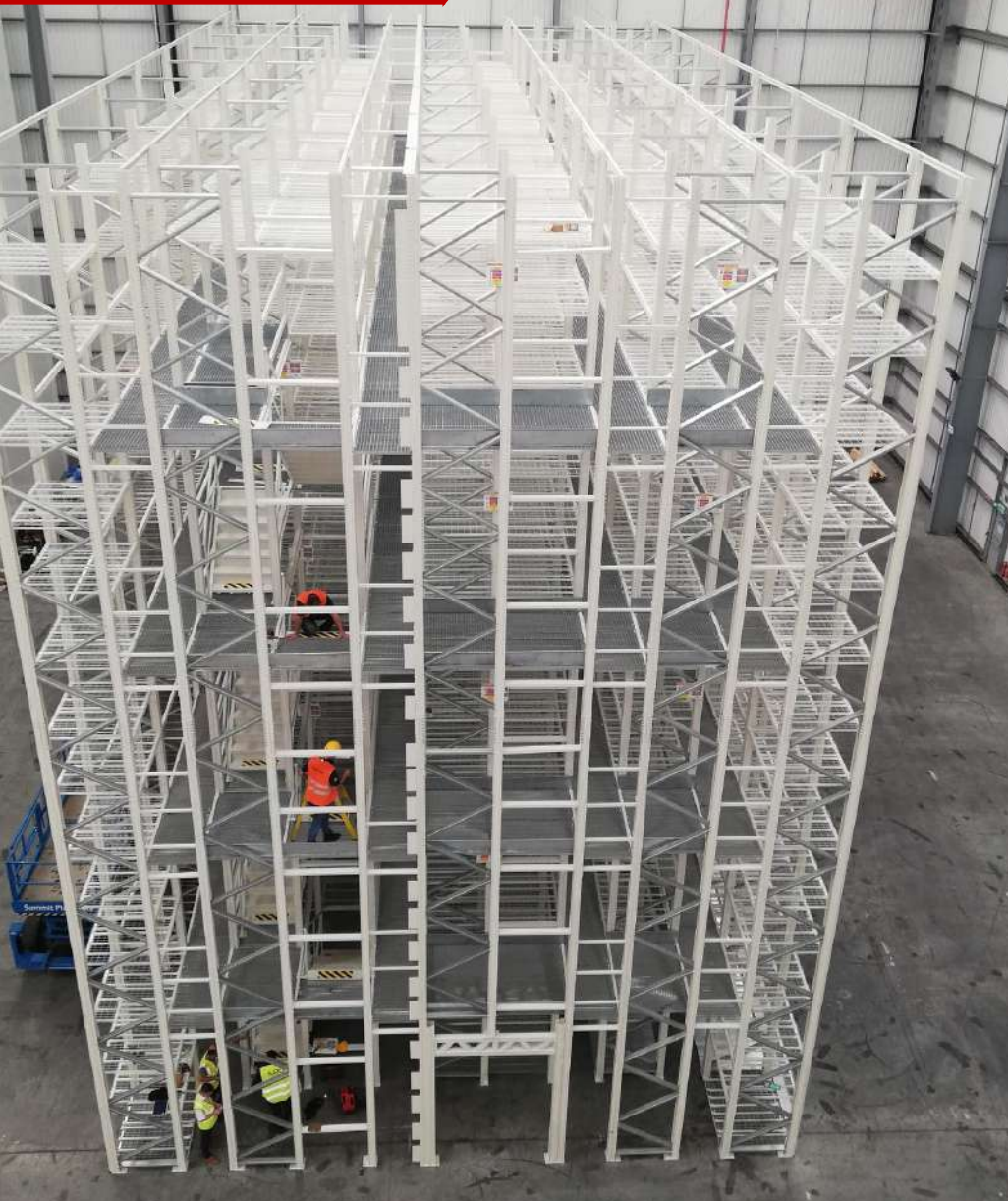
Our solution was to build an internal self supported warehouse, using the advantage of the given height.



London,
United Kingdom



63 working days



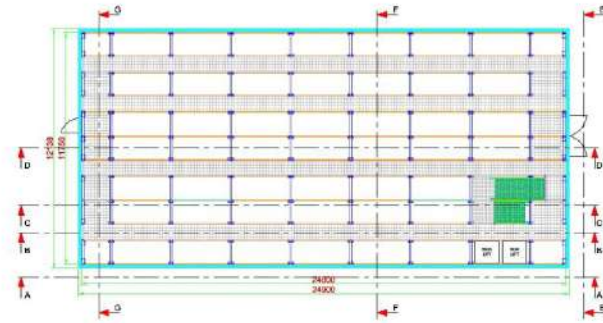
Top view of self supported system.

0

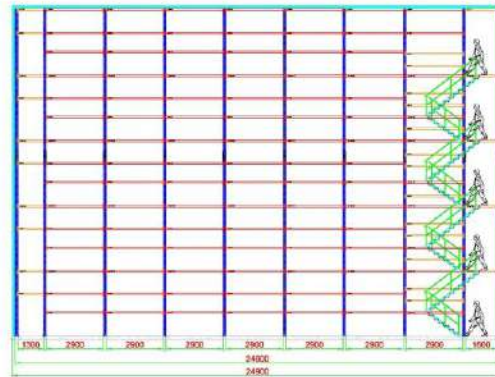


Detail of installation.

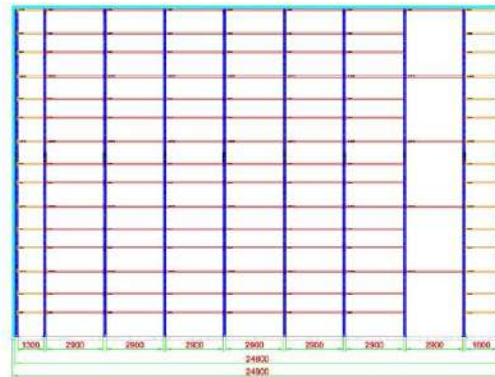
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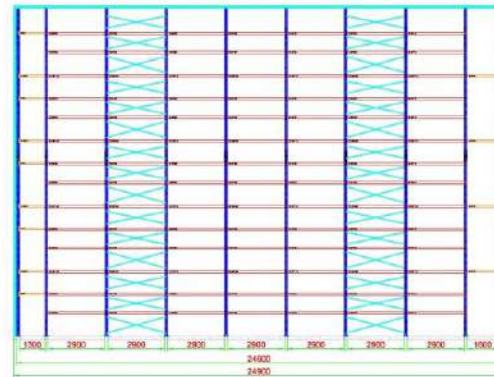
B-B View



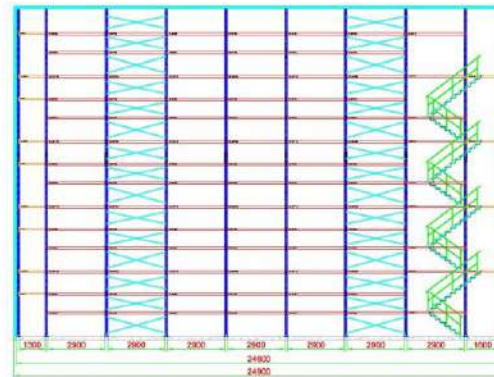
A-A View



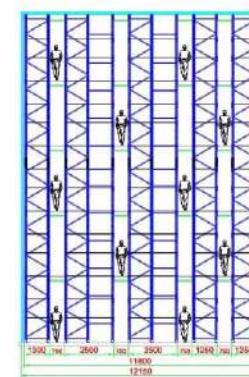
D-D View



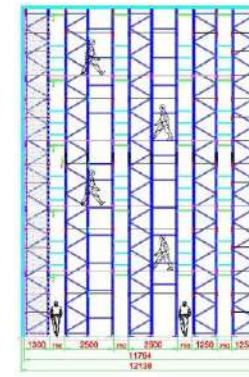
C-C View



F-F View



G-G View



PALLET LIVE STORAGE ON MEZZANINE

LIDL HELLAS – Distribution center

ISSUE

The client's company was to increase their storage capability in short given areas in order to make easier and faster the way that the store and to maintain the capability of typical supply and truck order lines.

SOLUTION

Our solution was to build a pallet live storage system, in an area of 600m² with storage capability of 2.000pp.



Trikala,
Central Macedonia, Greece



32 working days



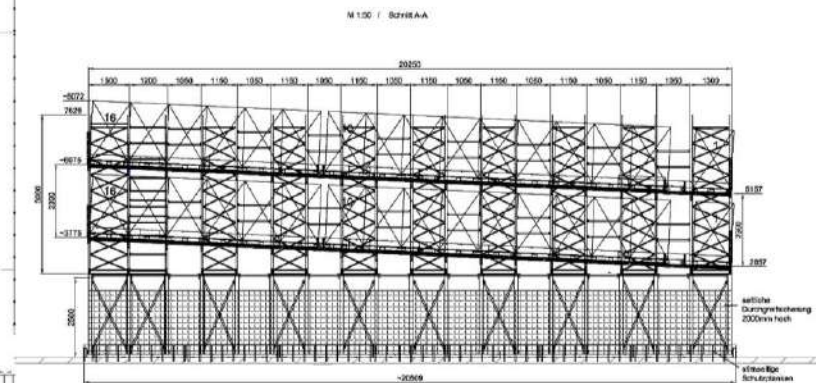
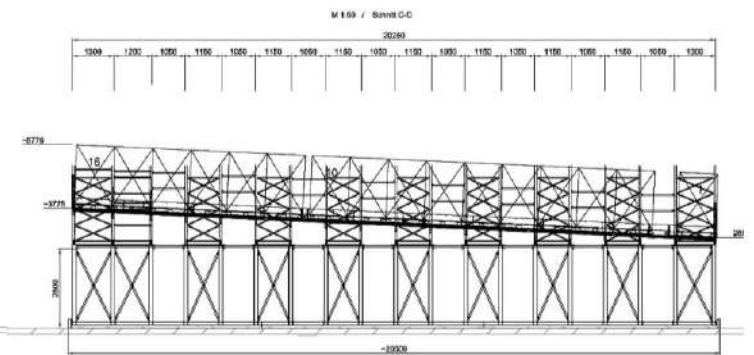
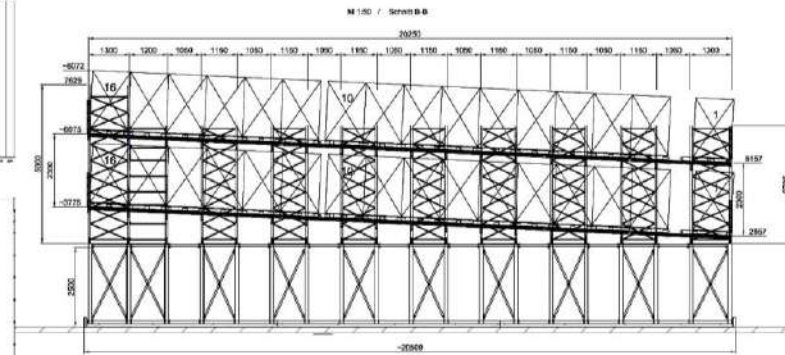
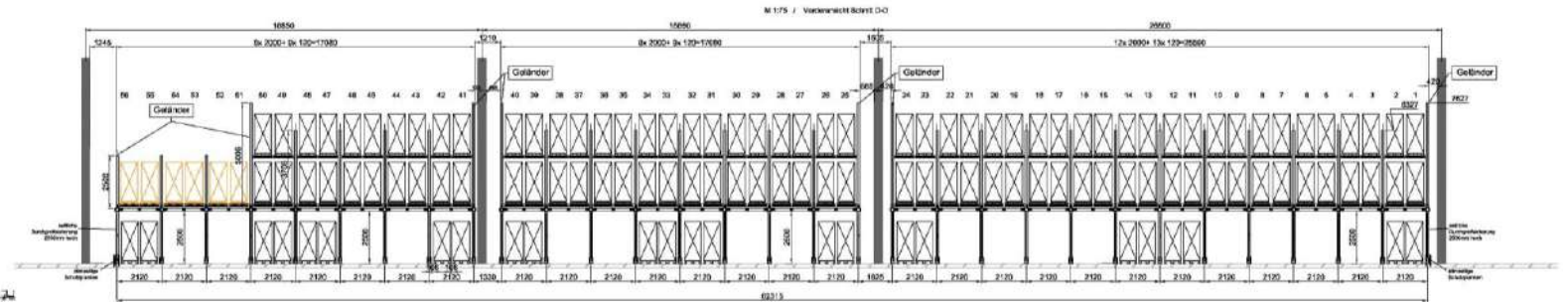
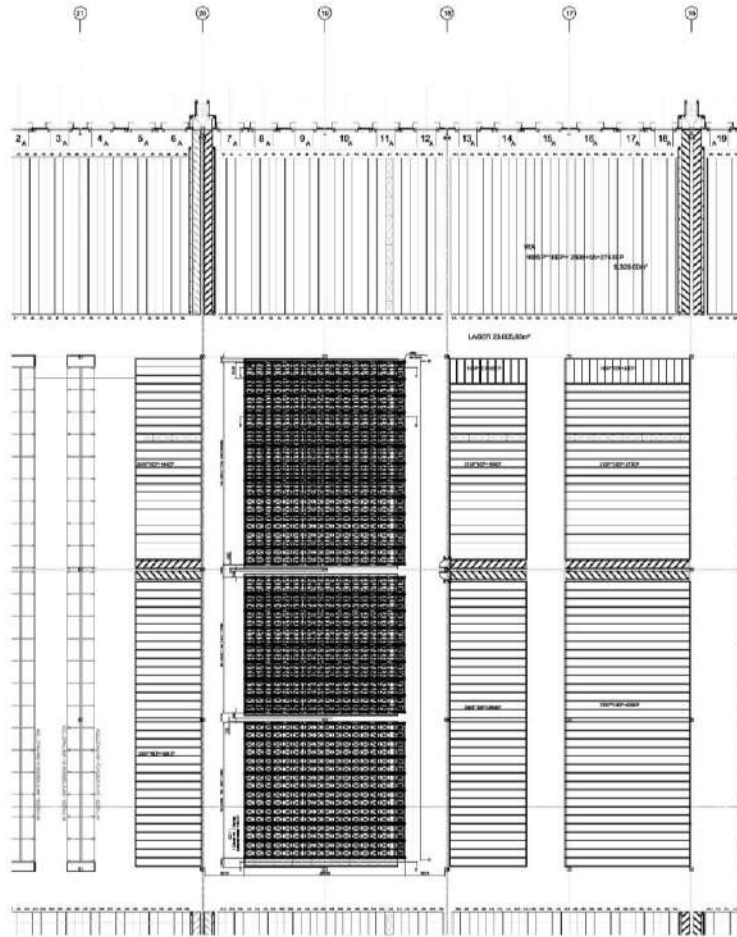
Detail of tunnel with rollers FIFO.

0



View of ground tunnels (in progress).

6





PALLET AND CARTON LIVE STORAGE

EUROFREIGHT S.A. – 3PL Logistics center

ISSUE

The client wanted to increase their storage capability and accommodate several SKU's, especially in bins, in short given areas in order to make easier and faster the way that the store.

SOLUTION

Our solution was to build a heavy duty pallet system for storage pallets on top and in the lower levels the usage of carton live system, for picking.



Nicosia district,
Cyprus



15 working days



Installation phase of carton live storage.

0



Final view of carton live storage.

7

SATELITE STORAGE SYSTEM

COCA COLA 3E - Distribution center

ISSUE

The client's company was to increase their storage capability in short given areas in order to make easier and faster the way that the store and send the goods of their production lines.

SOLUTION

Our solution was to install satellite storage systems to maximize storage capacity and decrease time of storing with the use of satellite systems. Also the use of this particular system decrease the possibility of false use of pallet or damages caused by forklifts.



Athens,
Attica, Greece



35 working days



Side view of satellite block.

0



Front view of satellite block.

8





STACKER CRANE SYSTEM

ELVIAL S.A. – Hellenic Aluminum Company

ISSUE

The client was to increase the spaces of the main facilities just to make easier and faster the way that they receive the goods of its production line.

SOLUTION

Our solution was to replace the simple pallet-racks with a stacker crane system to automate the process of picking the raw materials & ready-made profiles by code basis. In this way the production receive automatically all the goods that any order needs to be produced, decreasing the time of order completed.



Kilkis District,
Central Macedonia, Greece



54 working days



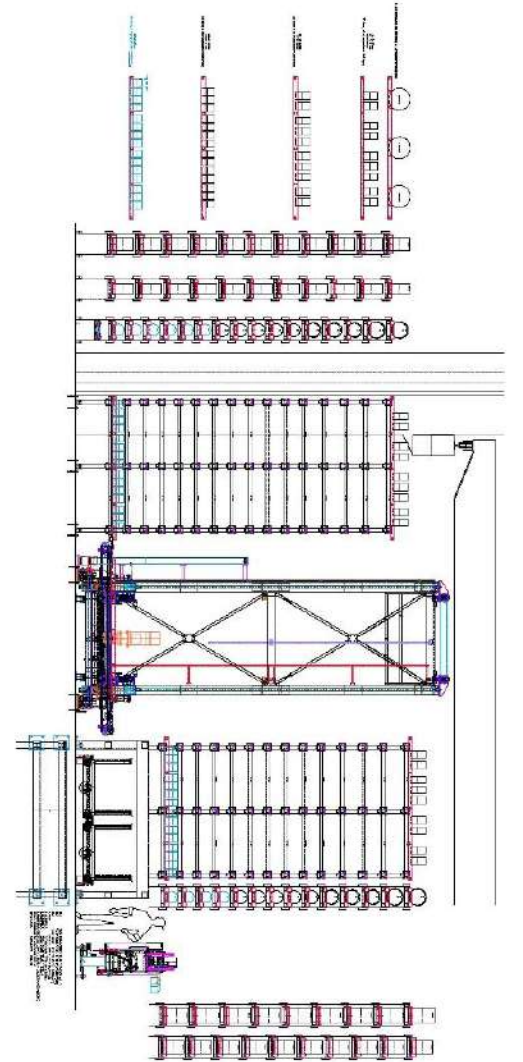
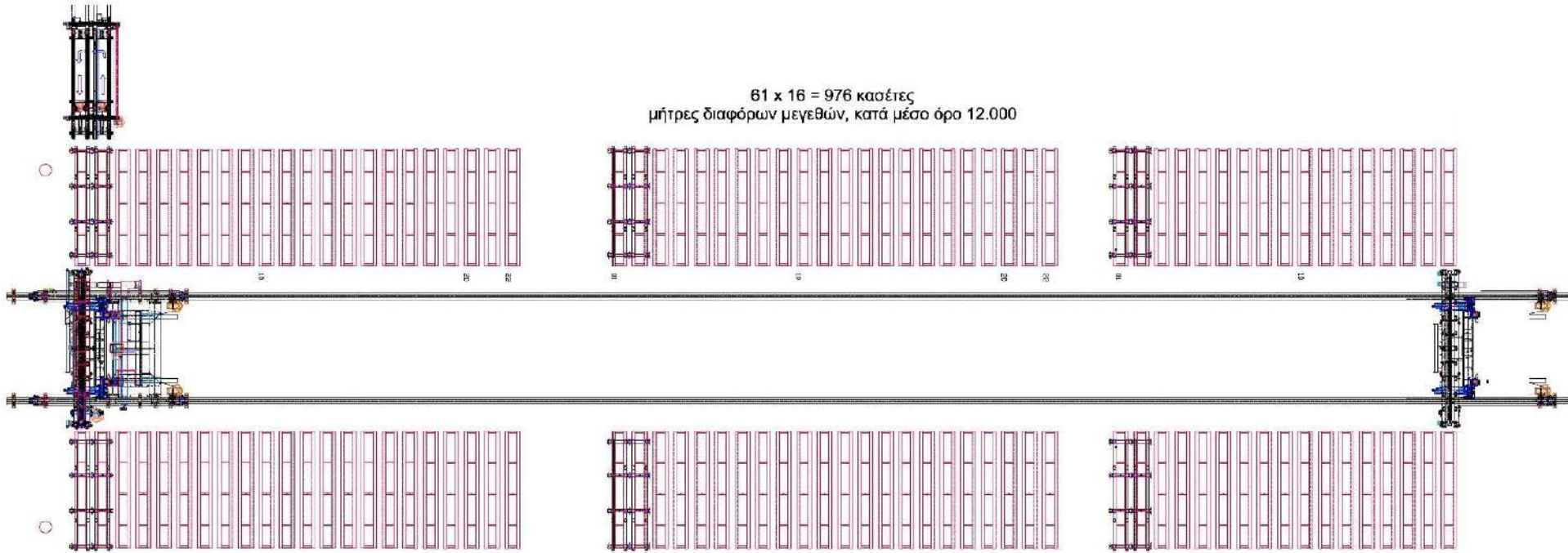
The part of the crane by the time of loading.

0



Stacker crane's cells for automated collection of the raw materials.

9



VERTICAL POWDER COATING PLANT

ELVIAL S.A. – Hellenic Aluminum Company

ISSUE

The client needed to increase their capability of delivering aluminum profiles in multiple colors as they see fit, servicing their vast production without the participation of a third party.

SOLUTION

Our solution was to build a Vertical Powder Coating plant, covering a total area of 5.000m² with a height of 9,00m. The system offers easy access on every level for inspection and maintenance. The complexity of this project, is a good example of our experience on electromechanical installations.



Kilkis District,
Central Macedonia, Greece



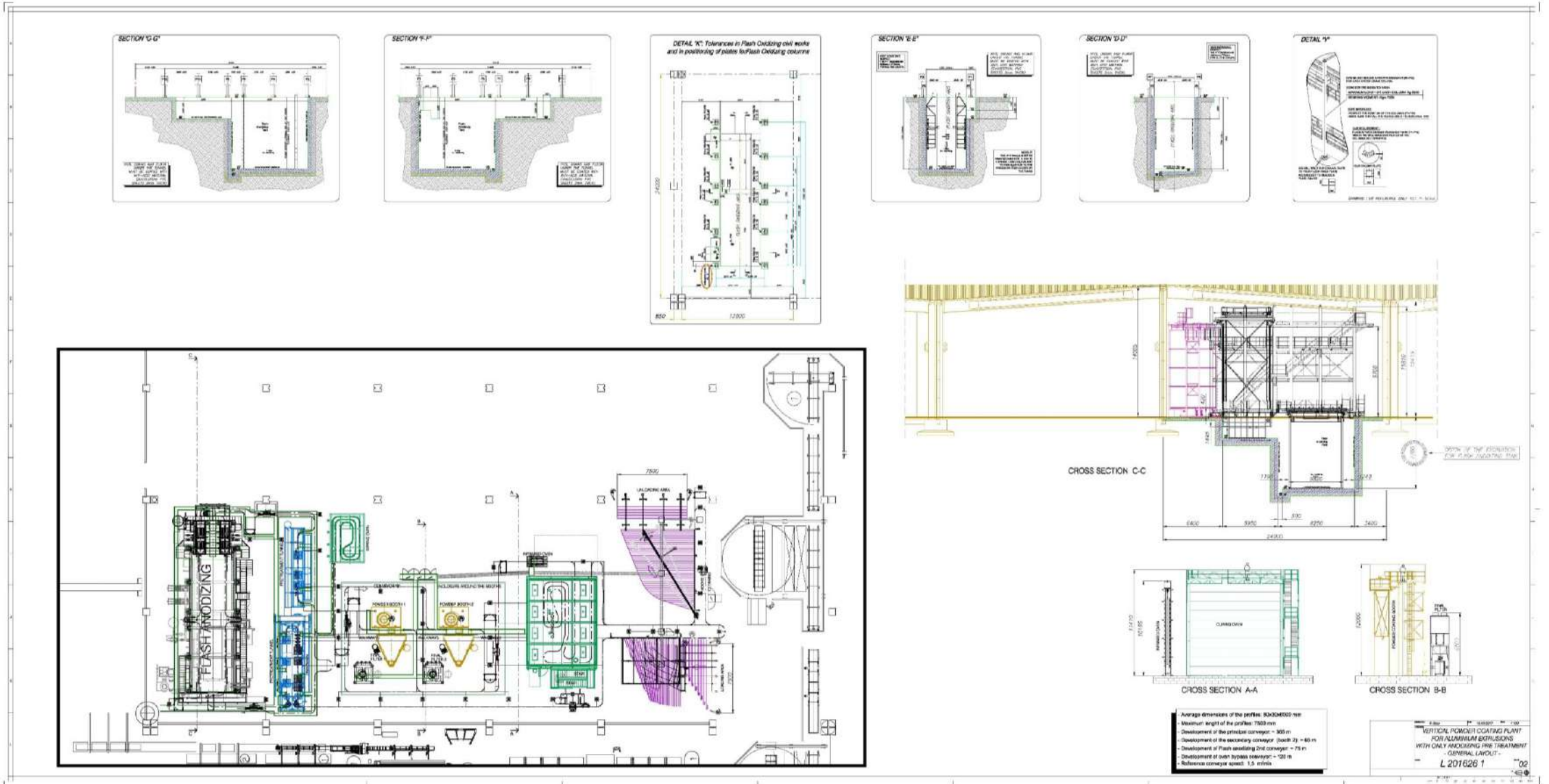
335 working days



Vertical Powder Coating general plant view.



Vertical Powder Coating plant top level access aisles.



NEW PLASTER BOARD PRODUCTION LINE

KNAUF AMFILOCHIA PLANT

ISSUE

The client wanted to replace all existing product line with a new more sophisticated and environmental friendly production line.

SOLUTION

Our solution was to update the whole production area by using all new technology on this field with all necessary green efficiency standards. The complexity of this project, is a good example of our experience on electromechanical installations.



Stanos Amfilochia,
Central Greece



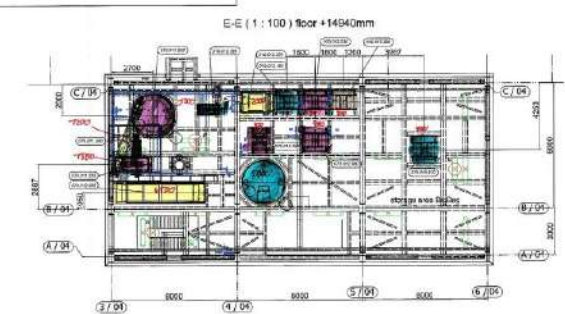
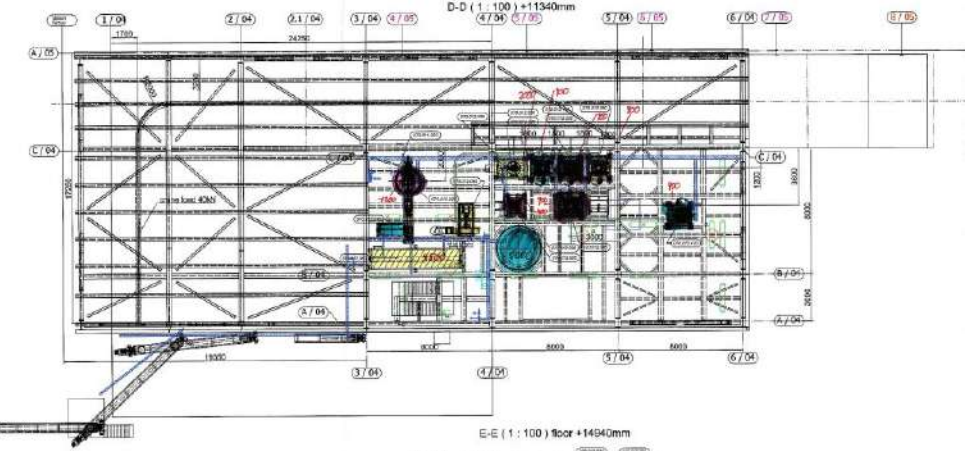
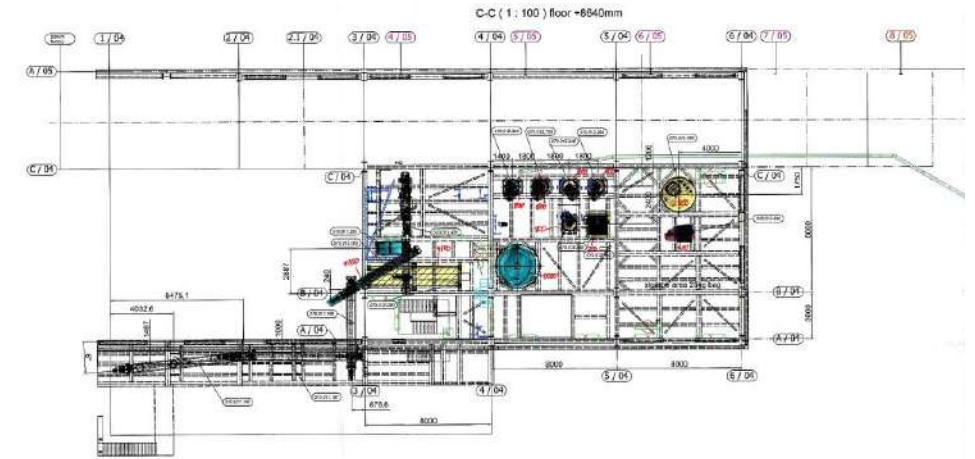
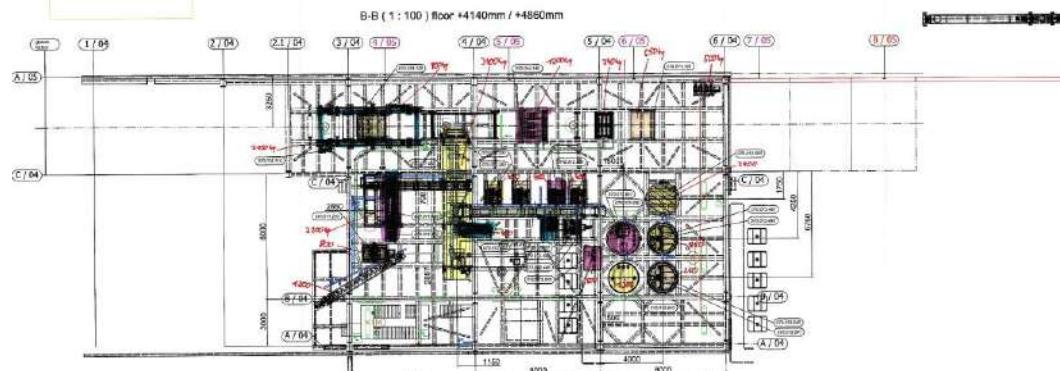
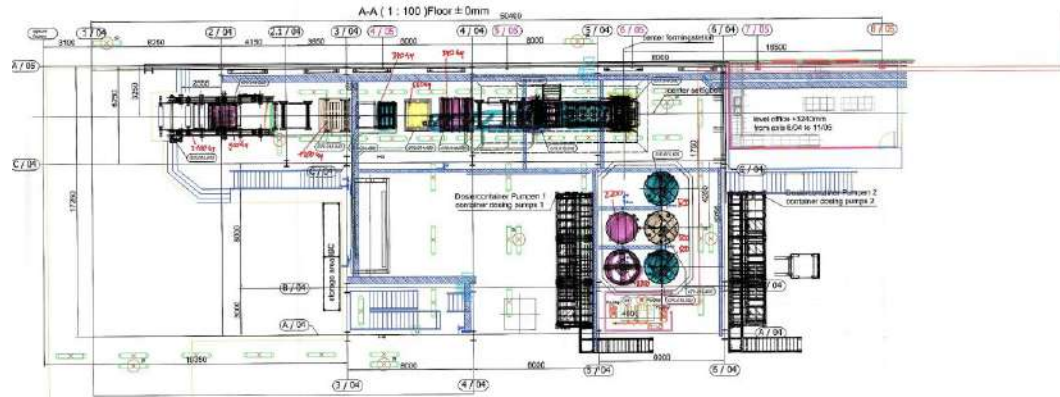
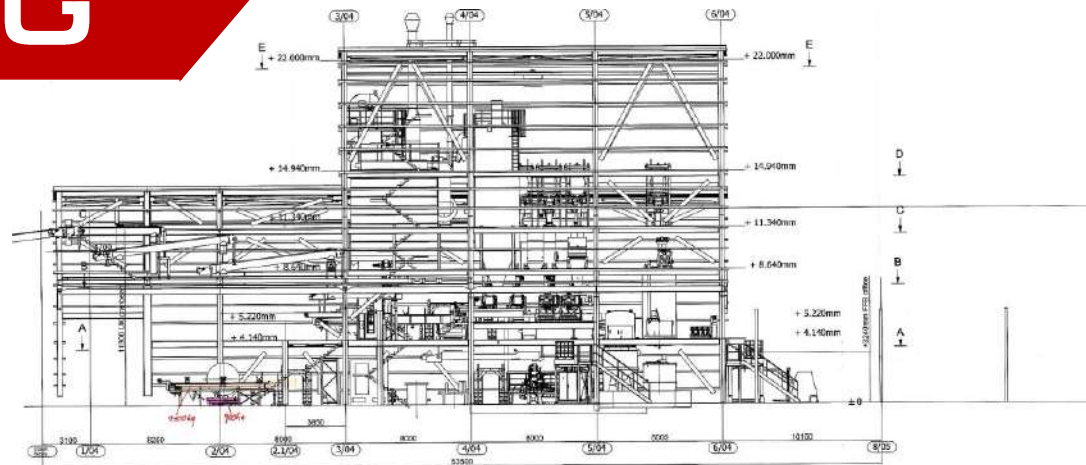
630 working days



Part of the new production line.



Part of the new production line.





24/7 After Sales Support

One major feature of ERG Innovative Solutions, is the capability to support every client, whenever or whatever the requirements are, providing services based on the vast experience on every type of storage system, in terms of consultancy and assembly.

Our 24/7 after sales support features are:

- Online consultancy support
- Racking systems service support
- All type Racking Spare parts support



Racking Inspection

Our customer service includes more than just delivery, installation and start-up of your facility. Apart from personal contact with our friendly and competent staff, after sales service also includes a maintenance service to ensure operational safety as stipulated by the European Standards (EN) for safety at work as well as an emergency service and immediate spare parts delivery. Simply call our hotline!

Just as we pursue the single source strategy in our product selection, we make a point of offering the same comprehensive scope in our after sales service. Of course, many years of experience in after sales and our know-how are part of the ERG package.

ERG

Exclusive service contracts

kNAUF



Βασιλόπουλος
...και του πουλιού το γάλα!

μασούτης
ΟΙΚΟΝΟΜΙΚΑ ΚΑΙ ΕΛΛΗΝΙΚΑ



elvia!

3E

Coca-Cola Τρίο Έψιλον





ISO Certificate

Our company has been certificated with ISO 9001 which is an internationally recognized standard for quality management concerning all tasks model that when applied it ensures the expected quality in the products and services of our company, having as a main goal customer satisfaction.



Eco-friendly

ERG follows environmental friendly practices & strategies decreasing the carbon footprint, by:

- Using of safe & sustainable materials.
- Buying materials locally.
- Using green demolition and recycling practices.



• LIDL HELLAS - ATHENS	(Warehouse 50.000 m2)
• LIDL HELLAS - THESSALONIKI	(Warehouse 65.000 m2)
• MASOUTIS SA SuperMarket chain	(Warehouse 70.000 m2)
• LIDL HELLAS - ATHENS	(Warehouse 12.000 m2)
• AB BASILOPOULOS SuperMarket chain	(Warehouse 40.000 m2)
• THERIANOS LOGISTICS CENTER	(Warehouse 50.000 m2)
• EUROFARM SA Agriculture supplies	(Warehouse 3.000 m2)
• SEAWAYS - ADIDAS Sportswear	(Warehouse 3.500 m2)
• LOGISTICS CENTER SA	(Warehouse 4.000 m2)
• COCA COLA - 3E	(Warehouse 1.000 m2)
• AGROPARTS SA Agriculture machinery	(Warehouse 2.800 m2)
• XT LOGISTICS Door and window manufacture	(Warehouse 4.000 m2)
• FIBRAN SA Insulation materials	(Warehouse 2.500 m2)
• BANK OF GREECE Money vault	(Warehouse 1.000 m2)
• TITAN SA Cement industry	(Warehouse 1.100 m2)
• DTM-DITSIOS SA Fur tannery	(Warehouse 5.000 m2)
• ELVIAL - ATHENS Aluminum manufacture	(Warehouse 1.000 m2)
• ELVIAL - KILKIS	(Warehouse 3.000 m2)
• KOUMAKIS SA Heavy machinery	(Warehouse 1.000 m2)
• AGROHOUM SA Agriculture products	(Warehouse 1.500 m2)
• KNAUF Hellas	(Warehouse 3.000 m2)
• Snt Catherine's Monastery EGYPT	(Warehouse 2.000 m2)
• KNAUF Cyprus	(Warehouse 1.500 m2)
• YARA Hellas	(Warehouse 1.500 m2)

invest
your
future.

welcome to the new era.



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Websites

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