

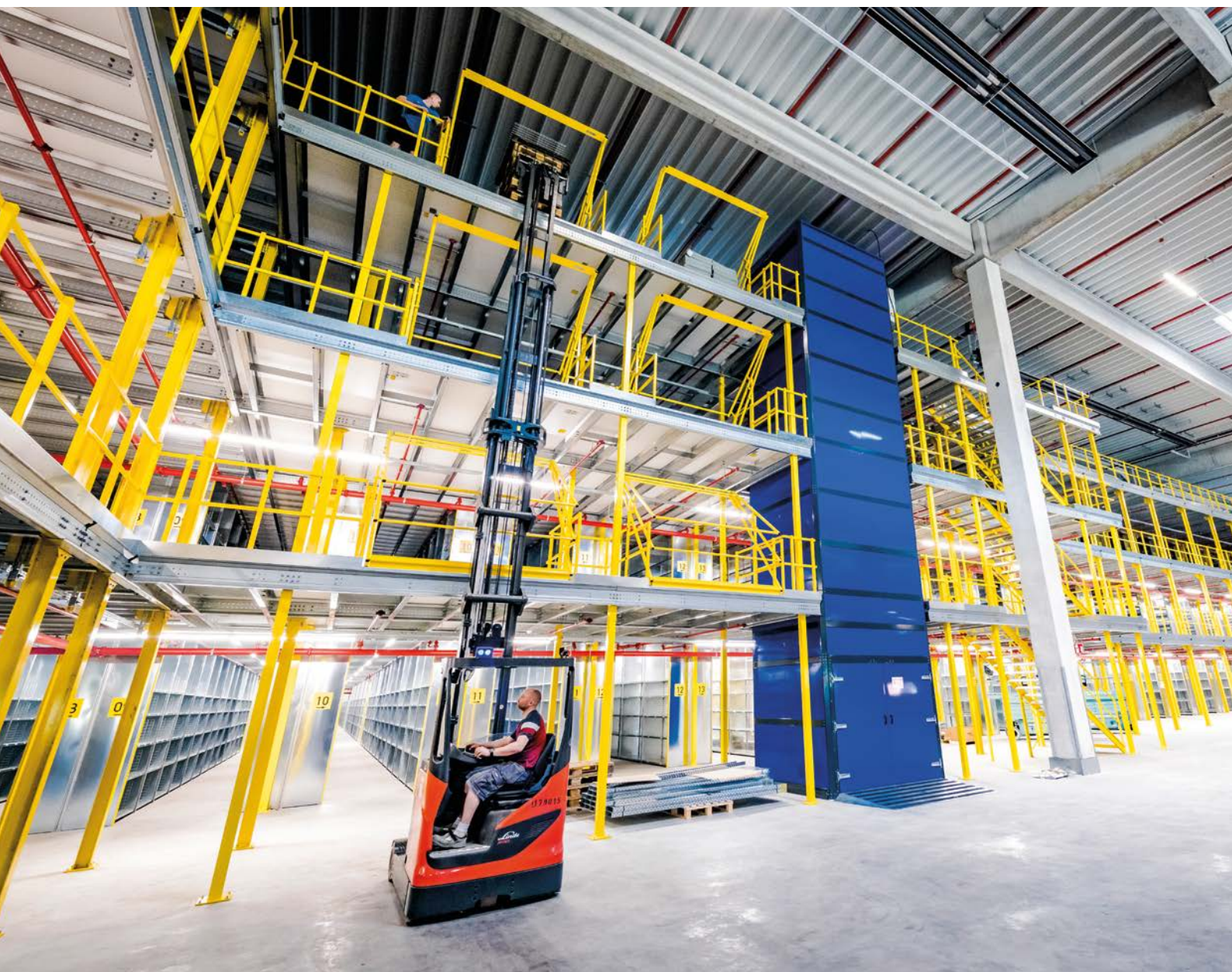
META steel structures



META Storage Solutions Inc.
1801 NE 123rd St, Suite 314
North Miami, FL 33181
Phone: 786-623-4140
info@meta-online.us
www.meta-online.us

META steel structures and mezzanine floors

Customized & Build to suit production



META steel structures

- **Optimum use of space** with META steel platforms
- **Surface areas can be doubled or tripled by building upwards on existing spaces** (Warehouses, distribution centers and industrial spaces)
- **With integrated stairways and VRC lifts,** every location can be reached safely, quickly and comfortably
- **META steel platforms** are made to order and custom-made to meet your requirements
- **The intelligent combination of light platform structures with steel structures** creates additional economic storage areas in existing buildings



Advantages of META at a glance:

- Various deck types available
- Custom designed column spacing and deck heights
- Low profile structural framing members available
- Cold or hot rolled sections available
- Multi-tier systems
- Pallet transfer point with slide gate or safety gate
- Design options with or without cross-bracing
- Designed for unique point loads and/or high uniform load rating
- Structural calculations and P.E. stamped permit packages available upon request

META mezzanine floors LIGHT & HEAVY

We can supply two types of mezzanines according to the specifications:

■ META Mezzanine LIGHT:

Structure completely elaborated with cold-rolled sigma profiles. It allows carrying out projects of up to 205 psf of uniformly distributed load.

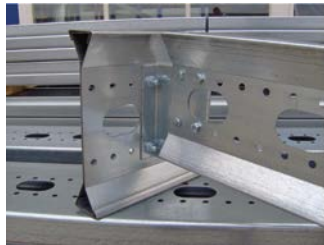
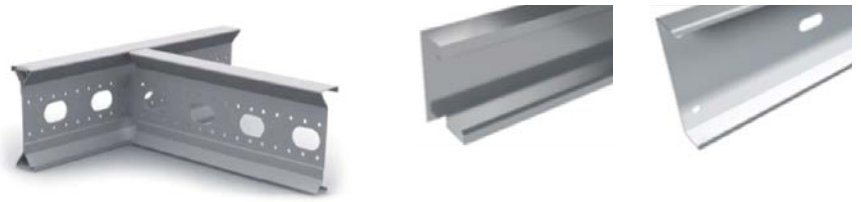
■ META Mezzanine HEAVY:

Combining hot-rolled profiles with cold-rolled profiles, we can improve the load capacity and the seismic behavior of our structures.



Profiles

■ META supplies a wide range of cold rolled profiles to suit your project such as Sigma, M or C+ sections. In addition, we work with all commercial hot-rolled steel sections.



Floor

Different types of flooring can be supplied depending on the project

■ Grating:

Grating permit water permeability in case of fire when using sprinkler systems. The pressure-locked steel gratings are hot-dip galvanized according to the standard DIN EN ISO 1461 and secured against moving.



■ ResinDek®:

Heavy-duty industrial flooring panel that features the durability, showcase appearance and maintainability. It is a combination of particle board with a corrugated sheet.



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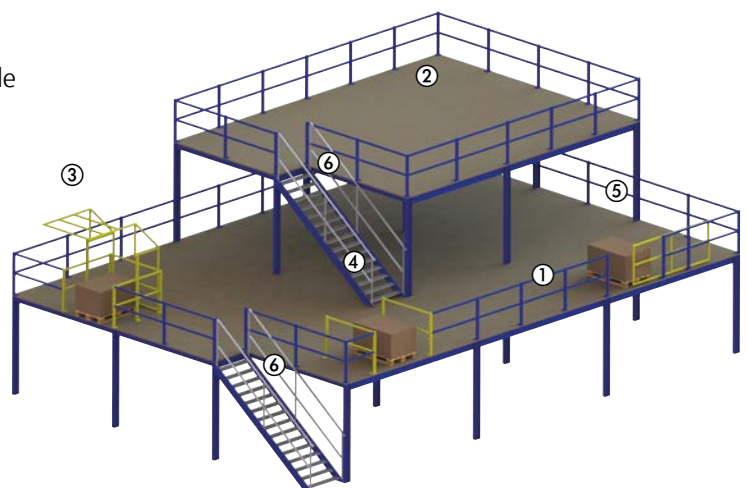
Planning and implementation



META **plans** and **builds** structural steel platforms **made to order for you**. Customized mezzanine floors are made to meet specific customer requirements.

META would be happy to **assemble** the right platform for you.

Please contact our technical adviser for individual advice!



- ① Hand and knee level rails and raised edges
- ② ResinDek Flooring
- ③ Safety hand rails around transfer station
- ④ Transfer station with chain
- ⑤ Transfer station sliding gate
- ⑥ Staircase

Structural requirements: The structural requirements of steel platforms are subject to local building regulation guidelines.

META steel structures and mezzanine floors

■ Finishes

The structure is finished in powder coating in any RAL color. Hot-dip galvanizing is also available upon request.

If required by project specifications, it could be done with fire protection.

■ Production

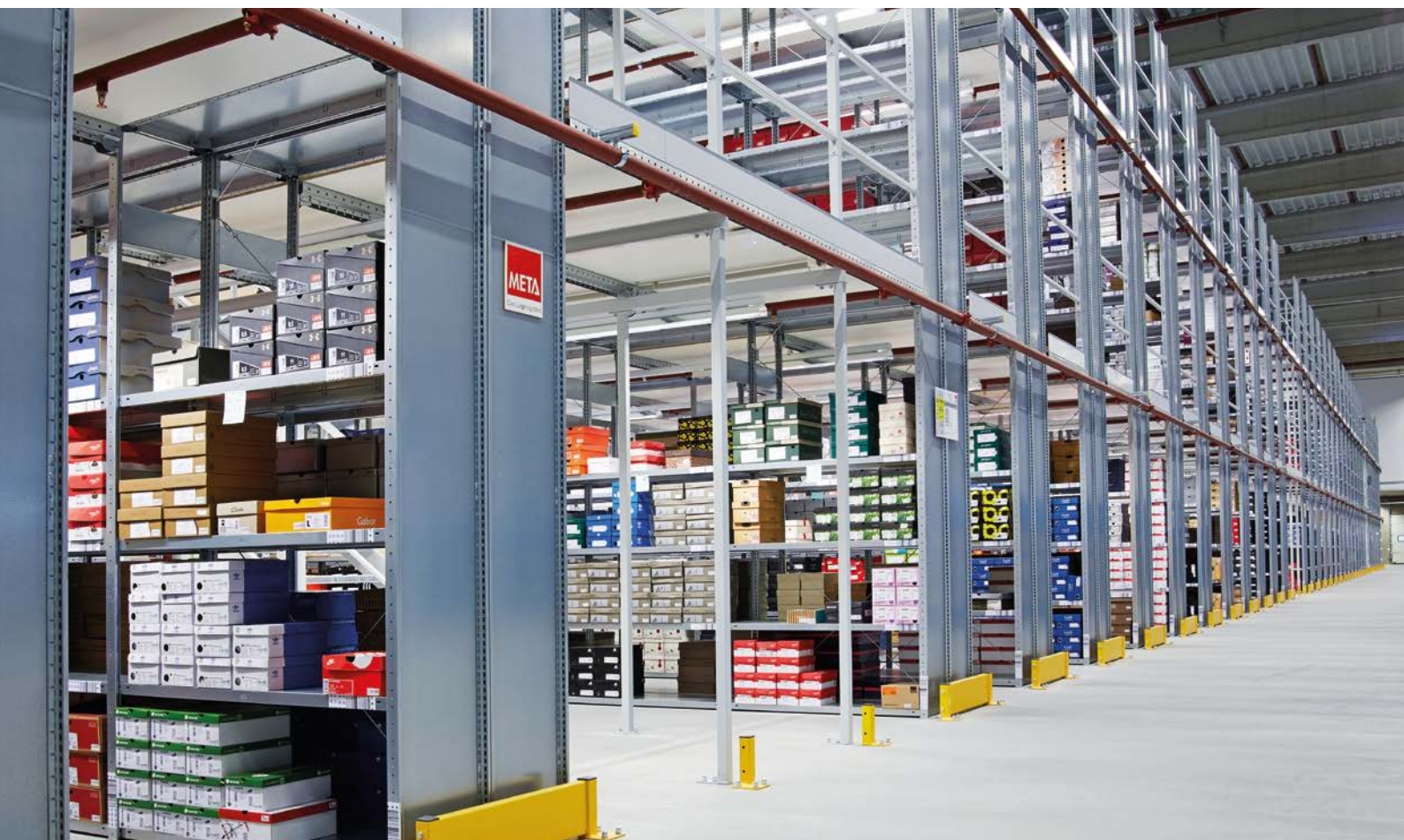
Our production center in Germany and the Czech Republic is equipped with the latest technology to

meet your project with the highest degree of quality and to fulfil the commitments made to you.



■ Multi-tier systems

The combined use of steel mezzanines with shelving is possible, offering your warehouse the highest degree of cost-effectiveness.



Stairs, railings & pallet handling

■ Pallet handling

Various safety solutions can be offered for pallet handling such as

- Sliding Gate
- Transfer Station with Chain
- Safety Loading Gate



Transfer station with sliding gate



Transfer station with chain



Pallet gate open

Pallet gate closed

■ Pallet gate

The pallet gates used by META are distinguished by their total safety. Staff have optimal protection whether the gate is open or closed.

- **Opening widths** (Width of the stored goods)
 - 63.00" (47.24")
 - 78.74" (63.00")
 - 94.50" (78.74")
- **Overall height:** 81.65"
= max. goods height 70.87"
- **Surfaces:** RAL 1028 melon yellow

■ **Stairs:** The guardrail system developed by META combines robustness with ease of assembly, and can be adapted to the specific requirements dictated by regulations in each region or country.

■ **META stair cases** are made with grated stairs, although they can be adapted to customer specifications.



