

MEZZANINE SYSTEMS

STORAGE SOLUTIONS | ENGINEERED FOR PERFORMANCE®



TURN
VERTICAL
SPACE
INTO
PROFITABLE
SPACE



EXCEL
STORAGE PRODUCTS

MEZZANINE SYSTEMS | APPLICATIONS

Need more space? Do you want to maximize the productivity of your existing space without a costly addition? Do you want to double or triple your existing work space for a fraction of the cost of an addition?

An EXCEL Mezzanine is the answer. With an Excel mezzanine, you can make profitable use of your vertical footage as well as your square footage.

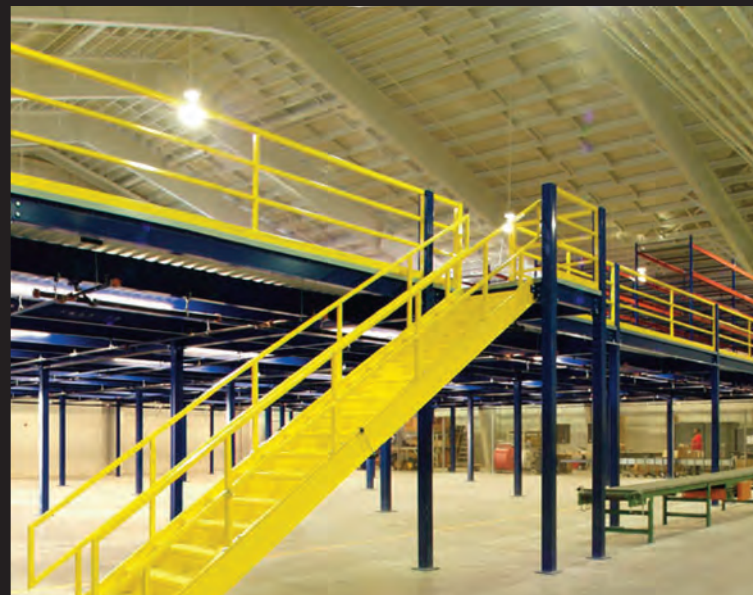
All Excel structural mezzanines are engineered for maximum strength, stability, function and safety with the highest quality materials and workmanship. We design mezzanine systems to work with your existing facility and grow with the needs of your business. Often a mezzanine can be added to your existing facility without any disruption of workflow.

Mezzanines are ideal for a multitude of uses including:

- Warehouse Storage
- Equipment and Machine Platforms
- Archive Storage
- Manufacturing Levels
- Work Platforms
- Overstock Storage
- In-Plant Offices
- Entertainment/Amusement Centers
- Conveyor Support Platforms
- Health Clubs
- Pick modules
- Cafeterias
- Parts storage
- Observation Decks

Whatever your need, from a small storage area to an entire distribution system, Excel has a solution for you. With 40 years of experience in mezzanine design and manufacturing, our satisfied customers range from small businesses to global conglomerates.

We also offer a complete line of customizable components such as stairs, safety gates, material lifts, cages, guard rails, column protection and a choice of floor materials.



Top: Space is optimized by constructing a mezzanine in this new facility

Bottom: Space is gained by adding a mezzanine for vertical file storage above existing office space

*At Right:
Single-level mezzanine
with security cage below*



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MEZZANINE SYSTEMS | FEATURES



Excel Storage Products designed this 2-level mezzanine for a furniture warehouse, which includes stairs, telescoping gates and extra heavy-duty column protection.

a mezzanine
can **double** or **triple**
your existing floor space - for up to
80% less
than the cost of an addition.

- Excel mezzanines' structural support columns are constructed from cold formed ASTM A500 Grade B square tubing, with a minimum size of 5" x 5" and minimum wall thickness of 3/16" to minimize localized deflection within the connections. Framing I-beam support members of ASTM A36 steel feature additional reinforcement for maximum strength and resistance to point loading.
- Excel Mezzanines incorporate an innovative seated angle beam-to-column connection which is engineered to transfer load to the outside of the column. This reduces local deflection within the connection by 50%, and improves connection strength to assure lateral stability.
- All Excel components are finished in a durable epoxy powder coating that offers improved adhesion and impact resistance over standard wet finishes. This coating system, with a finished thickness of 2.5 mills, creates a durable surface which resists chemicals and abrasions without running or blistering. The coating is also resistant to most corrosive environments and outperforms galvanized finishes.
- Designed in accordance with AISC
- Code compliance with IBC 2003 & OSHA
- Seismic design compliant with the zone in which the structure will be built



Excel professional engineering goes into every mezzanine project.

THE EXCEL ADVANTAGE

Excel Storage Products is a material handling products manufacturer with the resources to produce complete engineered turnkey warehouse systems.

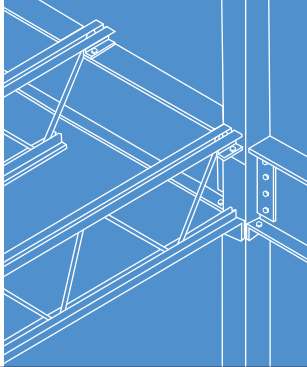
Our design/build team integrates storage rack, shelving, pick modules, conveyors, mezzanines and more. Excel can help you to take advantage of the versatility and economy that industrial mezzanines can offer your business. Our engineers are experienced in providing cost-effective design for a quickly evolving market.

Our experienced customer service team is always here to help with assistance on permit and code issues, product questions and scheduling. At Excel, our customers' needs are first priority, from sales to engineering to installation.

MEZZANINE SYSTEMS | COMPONENTS

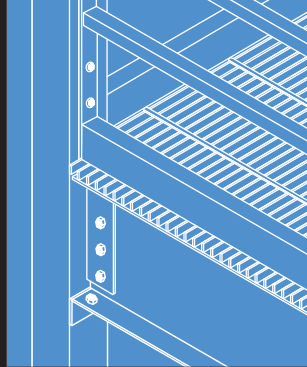
BAR JOIST

Open web bar joist is designed to support long spans while reducing the framing weight and number of vertical support columns. Open construction offers framework for installation of mechanical, electrical and sprinkler systems.



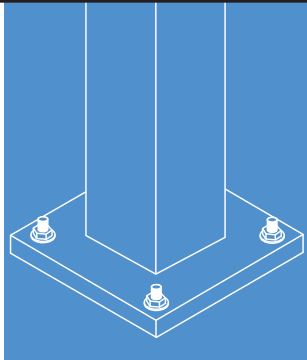
I-BEAM SUPPORT MEMBERS

Structural I-beams of ASTM A36 feature additional reinforcement for maximum strength and resistance to point loading. Universal I-beam shape offers application flexibility and minimal deck thickness for higher overhead clearance.



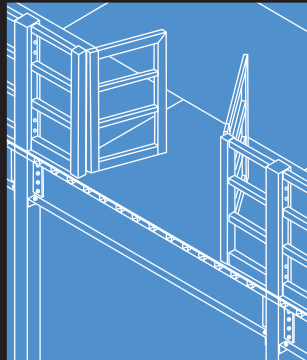
FOOT

Centered base plate of ASTM A36 steel supports with maximum stability, distributing load evenly and minimizing pressure between base plate and floor.



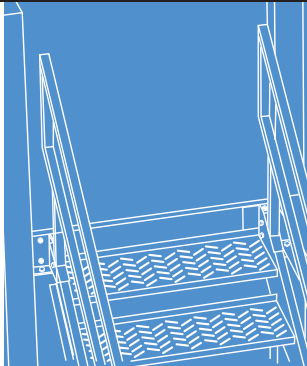
SWING GATE

Offers easy access for forklift and palletized loading. Spring-loaded locks assure safety.



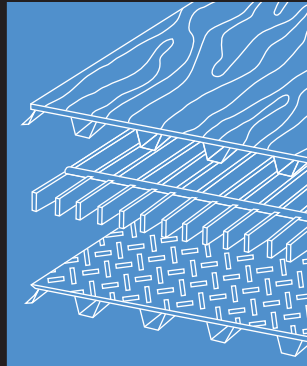
STAIRS

All one-piece stair assemblies are fully factory-welded. Open or closed stair treads of formed textured checker plate provide non-skid surface. Complies with four major building codes for industrial applications.



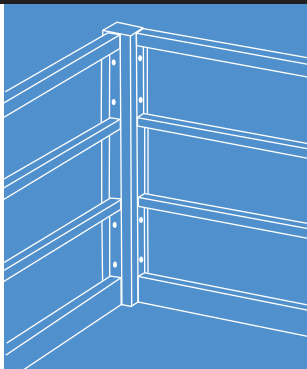
FLOORS

Standard decks include tongue-and-groove plywood, steel bar grate, diamond deck, plank deck and concrete. Special deck materials are available upon request.



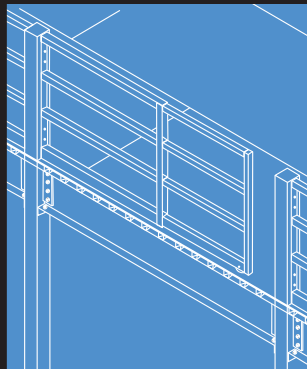
HANDRAILS

Cleanly constructed of three closed square tube horizontal rails and 4" closed tube kick plate. Strong one-piece welded assembly lends additional support to the structure. Complies with major building codes for industrial applications.



TELESCOPING GATE

Designed for areas with restricted space and where swing gates could not function. Slides aside within larger-bore side rails, allowing clearance for loading and unloading without the obstruction of swing gates.



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ENGINEERED SYSTEMS | DRIVE-IN | PUSH-BACK | FLOW RACK

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