



Mezzanines

Space Maximizing Solutions

Engineering Superiority

- Mezzanine systems make facilities more space efficient, converting overhead volume into usable storage, operations, maintenance, or supporting equipment areas.
- Mezzanine systems are engineered with bolt-together configurations that do not require field welding. This reduces installation costs and allows for easier modifications and future expansion.
- Multi-tiered integration of existing structures
- Value-engineered design with standard components simplifies production and installation, resulting in significant cost savings for the end-user.



Endless Configuration Possibilities



Renderings of actual mezzanine structures created for Bluff customers.



General Mezzanine Specifications

- Free-standing, pre-fabricated structure; requires no on-site welding
- Structural Engineer to supervise or approve all designs and details
- Upon request, engineering (PE) seal on final drawings and documents of record can be provided
- Customers receive an approval drawing for review and signature before fabrication is completed to assure accuracy
- Mezzanine fabrication is completed by welders certified by American Welding Society (AWS)
- Structural design in accordance with the American Institute of Steel Construction (AISC) Manual of Steel Construction
- Joist Construction performed in accordance with the Steel Joist Institute (SJI)
- All Hardware products Grade A-325 or equivalent



Decking Selections

- **PLYWOOD DECK** - Unpainted 1 1/8" tongue and groove plywood specifically designed for flooring applications. Can be configured to handle loads up to 200 lbs. per square foot.
- **B-DECK** - 18 gauge metal 1 1/2" type B-Deck is used as a sub-floor. Underside of deck is painted white to enhance brightness. Finished floor is 3/4" tongue and groove unfinished resin board. Best for rolling loads. Other options: Light Duty (125 psf), Medium Duty (150 psf), or Heavy Duty (250 psf) finished resin board.
- **HEAVY DUTY DECK** - Steel bar grating. Sized per application requirement.
- **B-DECK (w/abrasive resilient floor)** - For extra heavy usage and harsh working conditions. 18 gauge metal 1 1/2" type B-Deck is used as a sub-floor. Finished floor is 3/16" steel diamond floor plate.
- **CONCRETE SUB DECK**- C-Form sub deck with pour angle for concrete preparation.



Options:

- pivot gates
- drop plates
- horizontal handrails
- swing gates
- custom openings
- conveyor support systems
- stairways and landings

All Bluff Manufacturing products are proudly manufactured in the U.S.A.