



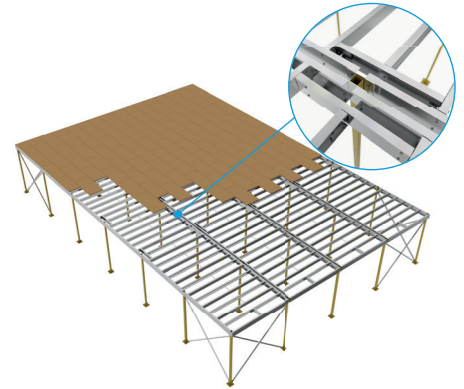
## MEZZANINE SYSTEMS

# THE RIGHT DESIGN FOR ANY APPLICATION

We offer various lightweight, freestanding steel mezzanine solutions and will always offer you the option that best suits your business needs. Choosing the right design depends on the specific requirements. For a lightweight floor, a cold-formed design can save costs as it requires less material. However, where large beam spans or high load capacities are needed, a hybrid solution could be the preferred and more cost-effective option. Mezzanine7 is the ultimate solution for future-proofing your structure to meet the evolving needs of your business. In some cases, a combination of all designs are used in a single project.

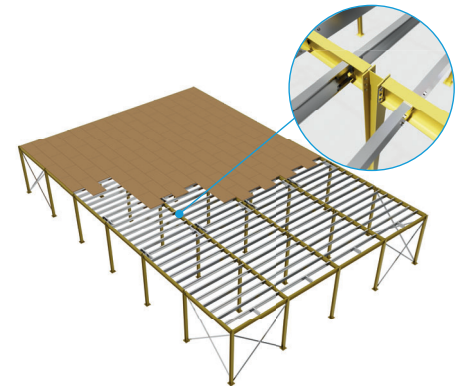
### COLD-FORMED FRAMING SYSTEM with decking A steel platform structure for lightweight floors

- Cold-formed primary beams & cold-formed joists
- Lighter structure
- Less embodied carbon
- Faster lead-time
- Shorter installation period
- Some design limitations  
(beam span, load capacity and deflection)



### HYBRID FRAMING SYSTEM with decking A structure for higher loads and longer beam spans

- Hot-rolled primary beams & cold-formed joists
- Longer beam spans
- Higher load capacity
- Less deflection
- Unbraced design possible
- Heavier structure
- Fire protection (through intumescent paint)



### MEZZANINE7 COMPOSITE FLOORING SOLUTION A solution for ultimate strength & future-proofing

- Hot-rolled primary beams & cold-formed joists
- Composite floor incorporating B-Deck plus top decking layer
- Point load capacity up to 5000kg, depending on final top layer
- Future-proofed for upgrades & heavy point load relocation
- Compatible with most robotics and AGVs
- Reduced deflection and vibration
- Increased light reflectivity
- Class "0" fire resistance

