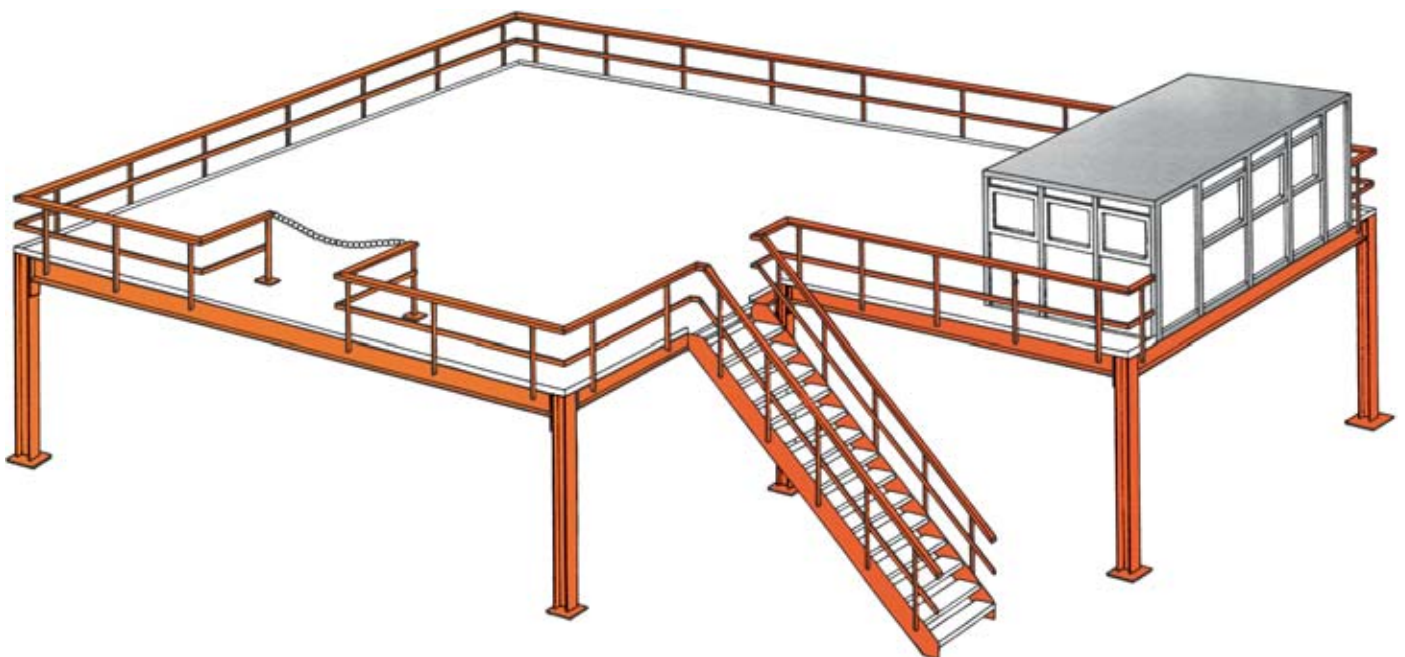
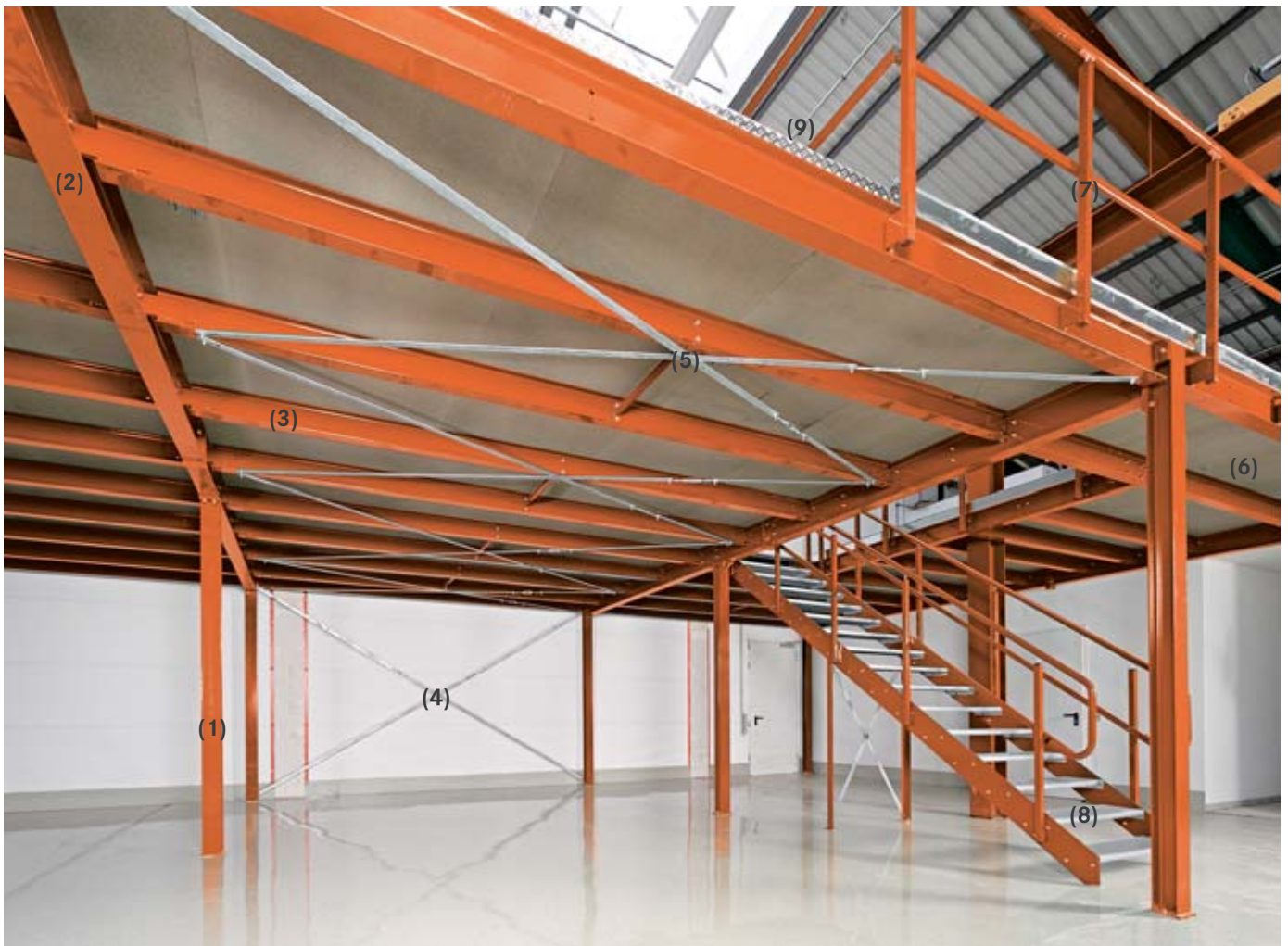


Technical Data

Self-Supporting Platforms

Self-supporting platforms





- | | | |
|-------------------|------------------------|----------------------|
| (1) Stanchions | (4) Vertical bracing | (7) Rails |
| (2) Support beams | (5) Horizontal bracing | (8) Steps |
| (3) Deck beams | (6) Flooring | (9) Transfer station |

Self-supporting platforms

Self-supporting platforms are freestanding steelwork structures. Depending on requirements, they can be designed for any load and height.

- Supported loads from 250 to 2000 kg/m² are possible
- A range of floorings is available
- Bolted construction method
- Easily dismantled and re-erected
- Can be extended at any time

(1) Stanchions

The stanchions are the supporting legs of the platform. Design and thickness are dependent on height, required load-bearing capacity and distance between stanchions (span).

(2) Support beams

The support beams, together with the stanchions, form the frame of the platform. Here too design and thickness are dependent on the required load-bearing capacity and distance between stanchions (span).

(3) Deck beams

The deck beams support the floor. They are fitted into the supporting structure with no loss of height. Top-mounted stringers may protrude – to take into account client features.

(4) Vertical bracing and (5) Horizontal bracing

The bracing serves to reinforce the platform construction. If through access is required, a special construction without bracing is possible (reinforcement is achieved via a frame solution).

(6) Floor

- Standard floor, up to 500 kg/m² is chipboard V 20 E1, 38 mm
- For loading in excess of 500 kg/m² a high density chipboard is employed as standard floor.
- Laying method: tongue and groove
- Flooring of grating mesh or stud plate is possible irrespective of load



(7) Rails

- Rails bolted
- In steel-steel or in steel-wood construction
- Rolled edge is provided as standard
- Round tubular hand rail



(8) Steps

- Rails both sides available in steel-steel or in steel-wood construction
- Optionally with intermediate and exit platform
- Step and platform flooring of mesh grating, stud plate or wood, positioning is flexible and almost unlimited
- Various angles possible 90, 180 degrees etc.
- Low oscillation



(9) Transfer stations secured with chains

- Transfer station reset, minimum depth: 80 cm
- To UVV standard BGR 234
- Available in steel-steel or in steel-wood construction



Pallet access gate

The pallet access gate is opened and closed manually. With the gate in either the closed or open position, the operator on the platform is unable to step over the platform edge. Recommended if safety is a particularly high requirement.

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