

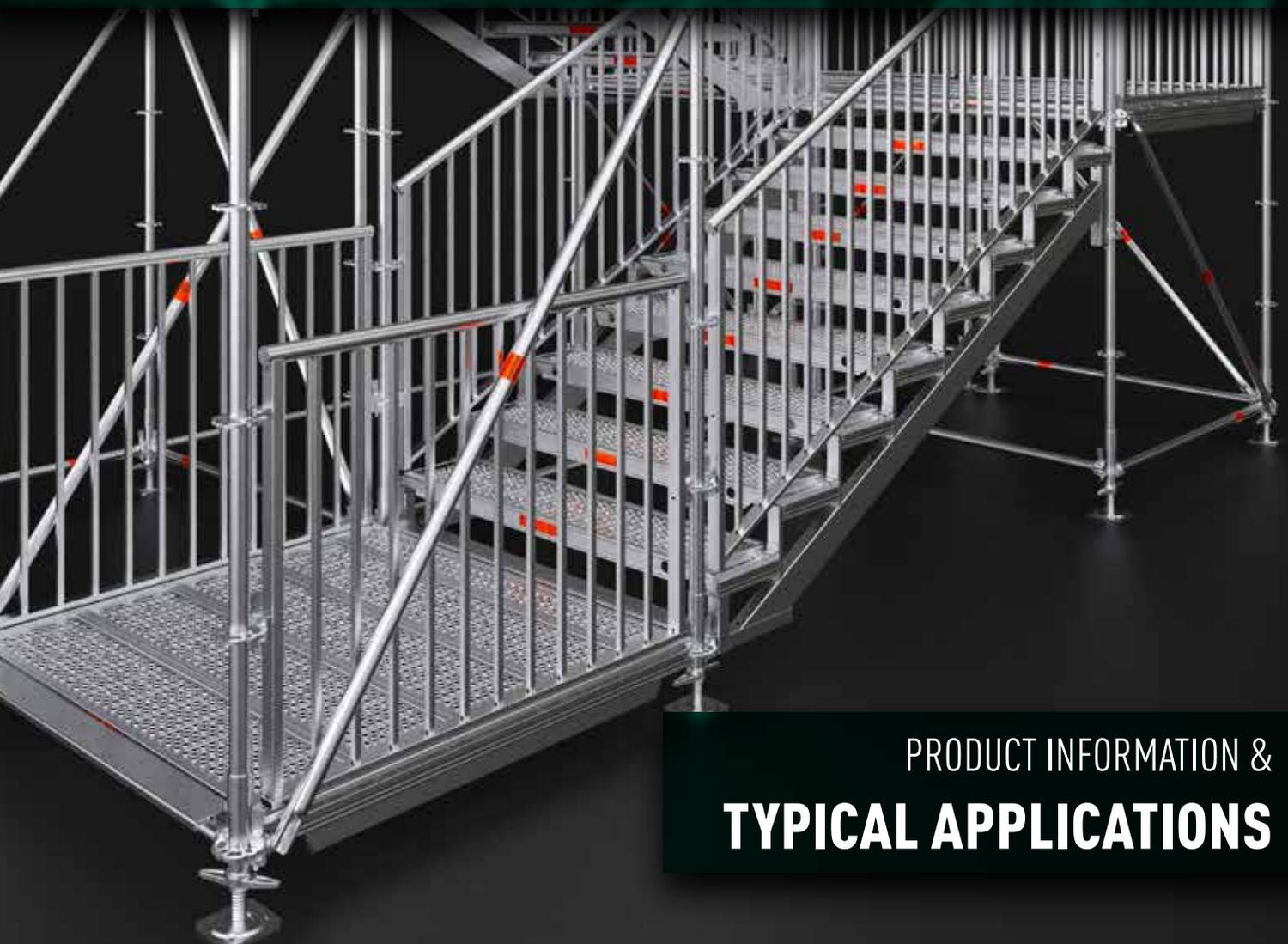


MJ-GERÜST
Scaffolding Systems



STAIR TOWERS & ASCENTS

Perfect solutions for stairways, accesses and ladders - suitable for all common systems



PRODUCT INFORMATION &
TYPICAL APPLICATIONS

Ladders

The ladders in our range are tried and tested, robust, system-free products for universal use in conjunction with scaffolding.

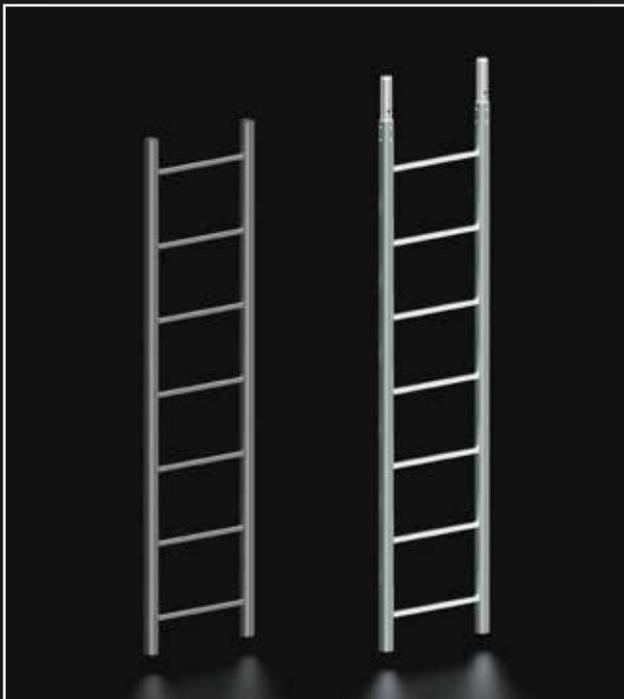
In our current accessories price list you can find a large selection of floor ladders, vertical ladders and ladders for access platforms, each available in steel or aluminum.



MJ Aluminum vertical ladders: detail of rung surface with grooves for better grip, detail tube connector with corrugated tube for improved stability



MJ floor ladders: steel and aluminum, for internal scaffold access, for safe attachment to the access platforms



MJ vertical ladders: steel and aluminum (with tube connector), rung spacing 28 cm, fastening with standard couplings

Scaffolding access ladders

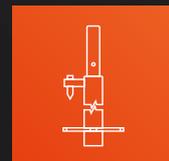
It all started with ladders. They were the easiest way for the construction worker to get to the top. Ladders are versatile and always at hand. But they are not really the safest way to reach the top, and certainly not the most convenient. And at the same time, they can only be used to a very limited extent because of occupational health and safety legislation.

In this brochure, we would like to introduce you to other modern scaffolding accesses, site accesses and our stair tower solutions for construction sites and the public sector.

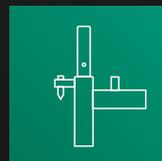
All access platforms and scaffolding stair towers in this brochure are available for all scaffolding systems from our company. U-support, butment and round tube support in the frame, module and OPTIMA systems.



UNI-CONNECT 70 | 100
07er Frame scaffolding



OPTIMA | METRIC | TOP
Flexible façade scaffolding



UNI 70 | 100
Metric frame scaffolding



COMBI | METRIC | TOP
Modular scaffolding



UNI TOP 65 | 100
Metric frame scaffolding

■ Access platforms

Access platforms are used for internal access in scaffolds and must be installed in every scaffold at least once for every 50 running metres of scaffold length according to the German Construction Contract Procedures (VOB).

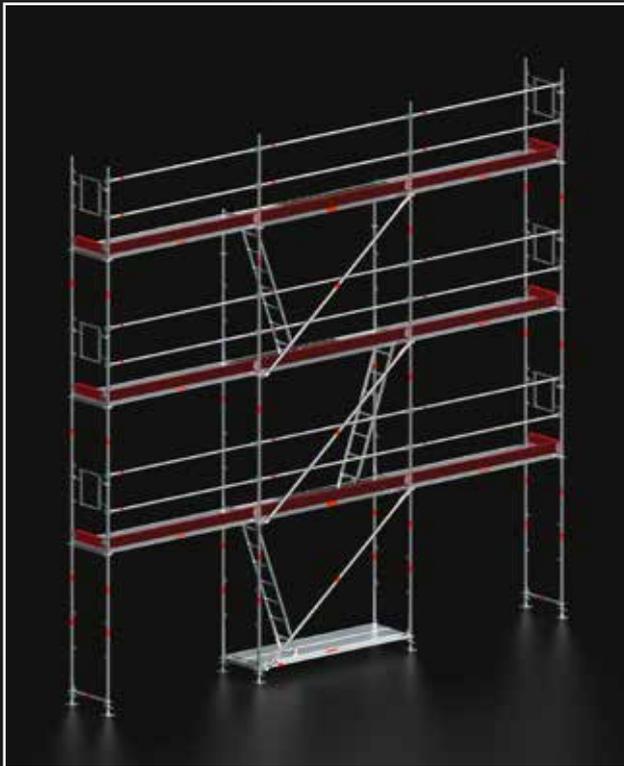
- The time-tested classic in scaffolding construction
- Working deck and access deck in one
- Durable & light

MJ accesses are available with either permanently integrated or hook-in floor ladders. When folded-up, the integrated ladder is firmly locked in place.

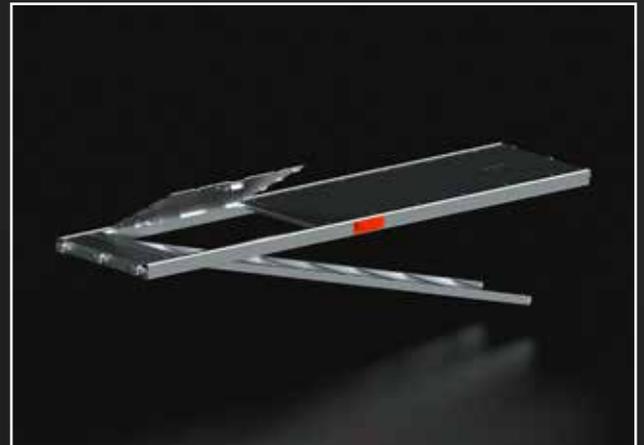
That facilitates transport and keeps the work area free when installed. It can be unlocked from above and below.

We offer you accesses with inexpensive plywood decking (Load class 3), but also with particularly durable aluminum decking in Load class 4.

For scaffolds with U-support, you can freely choose between trapdoors that open to the rear or to the side.



MJ OPTIMA internal ascent: Decking ledger U-support 0.73 m, UNI-CONNECT access 2.57m with aluminum decking + aluminum ladder



MJ aluminum access platform: flap opens to the side, integrated aluminum ladder is simple to unlock

■ Special feature for two-metre panels

The integrated telescopic ladder can be pushed together to save space for transport and locking!

Nothing protrudes any more. All accesses are available with the proven, particularly large MJ flap openings.



MJ UNI-CONNECT aluminum access platform: flap opens to the rear, integrated aluminum ladder is simple to unlock



MJ aluminum access platform with telescopic ladder: For all frame scaffolds, UNI u. UNI TOP access 2.00 m, UNI-CONNECT access 2.07 m

■ Scaffold stair tower

Scaffold stair towers are the contemporary ascents to the scaffold levels and keep your work area in the scaffold permanently free.

- Fast & safe
- Convenient
- TRBS-compliant

People, tools and materials reach their destinations quickly and safely via the stairway.

The scaffold stair tower is installed in the same direction in front of the scaffold decking, which simplifies material transport, for example, by sharing the working decks.

Scaffold stair towers offer you convenient access to the scaffold decking surfaces and are specified for scaffolds from 5.00 m standing height (TRBS 2121).

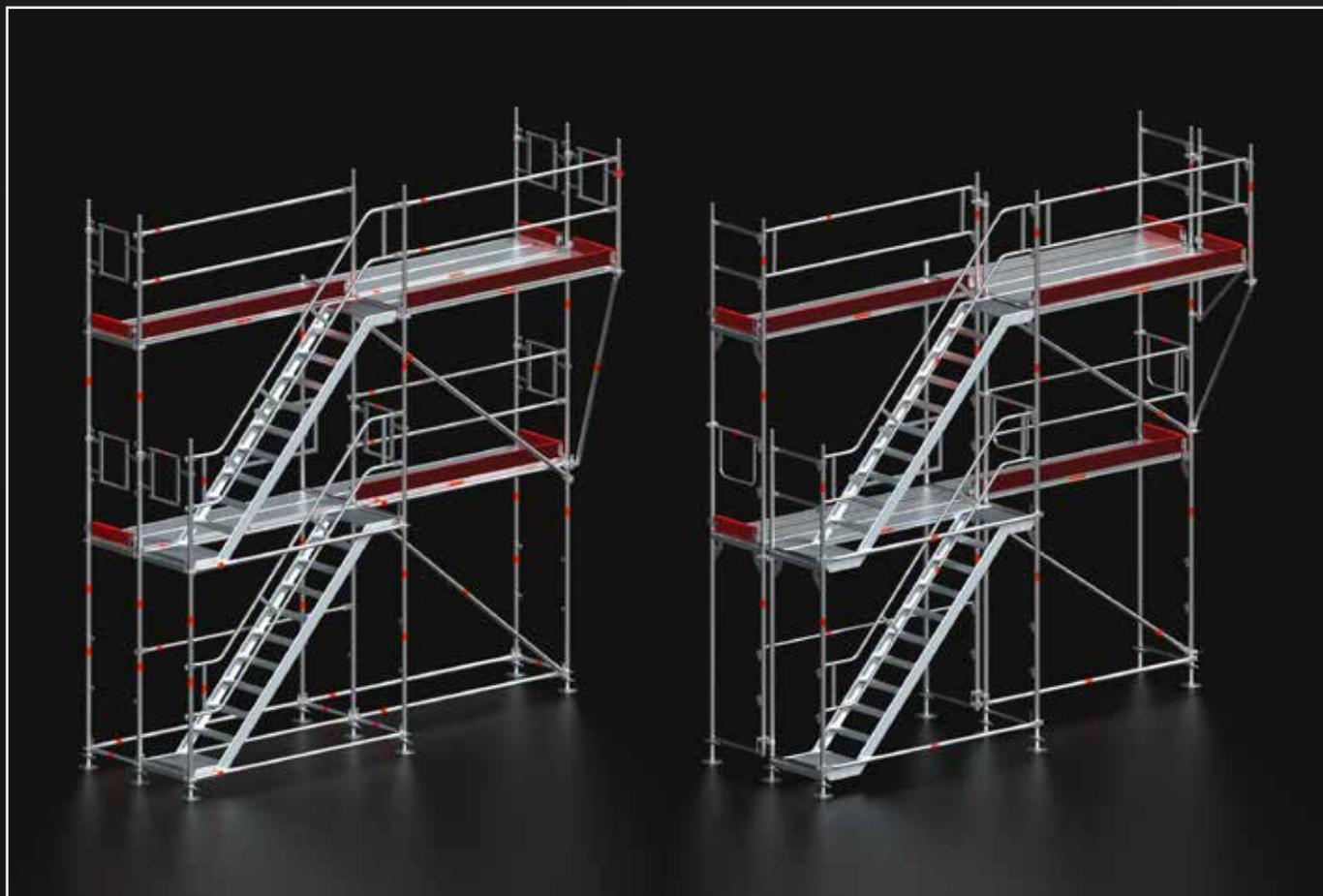
The prefabricated scaffold stair tower improves height access enormously, so the savings in the construction operation are usually higher than the costs for the assembly. We use our aluminum platform stairs, whose steps are profiled to prevent slipping.

The scaffold stair tower simplifies work enormously, especially on construction sites where work has to be carried

out at different heights at vertically superimposed positions (e.g. downpipes or formwork for columns).



MJ landing stairs: Aluminum stairway with landing according to DIN EN 12811-1, aluminum starting stairway with landing incl. integrated foot spindle receptacles



MJ OPTIMA scaffold stair tower: Simple construction in OPTIMA system without special parts

MJ scaffold stair tower: for frame scaffolds with system components For connection and gap covering

■ Construction stairway towers moving in the opposite direction and in the same direction

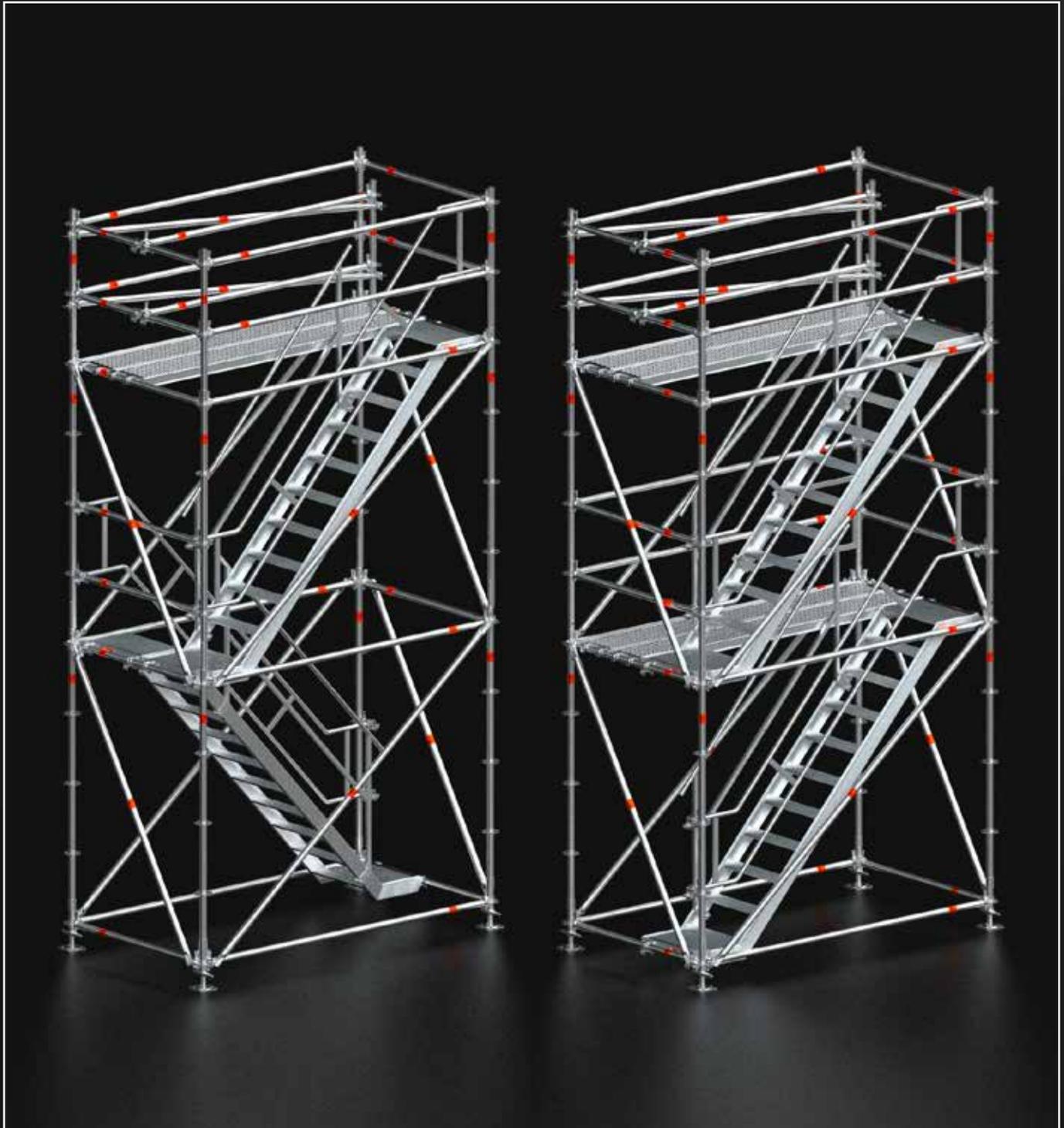
When moving in the opposite direction, construction stair towers serve as a quick and safe ascent to working levels on buildings, bridges and other structures, but can also serve as a convenient quick access to scaffolding.

- Variable & safe
- Efficient design

Construction stair towers moving in the same direction

fulfil the same purpose, but also allow the transition to the building or construction in any position across the entire breadth of the stair tower and not only to the right or left in each case alternating at the stair landings.

Thanks to the stand-alone design of our construction stair towers, they can be erected at any location. With the COMBI system, assembly is particularly simple and material-efficient with the tried-and-tested single-span, four-strut design of the construction stair tower. That enables maximum efficiency in height access.



MJ COMBI construction stair tower - moving in the opposite direction:
with COMBI aluminum stairway with landing according to DIN EN 12811-1

MJ COMBI stair tower - moving in the same direction:
with COMBI aluminum stairway with landing according to DIN EN 12811-1

■ Safety and connection of stair towers

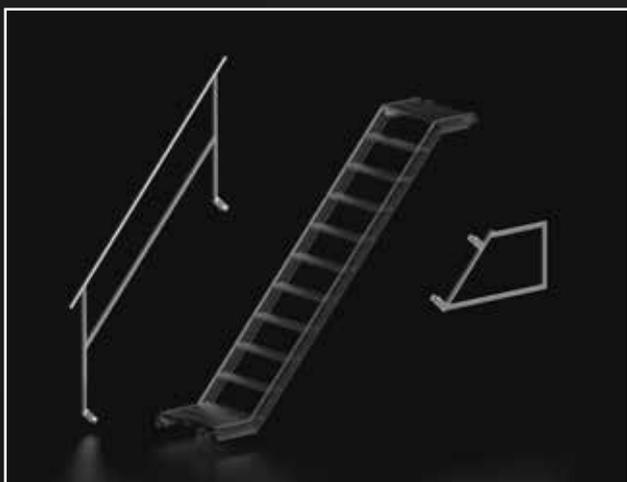
External guardrails are available for fall protection to the outside; protection to the scaffolding side can be provided with internal running guardrails or with internal guardrails on the scaffold stair tower.

For the connection of a stair tower with frame scaffolding, we offer stairway transition brackets that simultaneously close the gaps that arise.

When connecting the stair tower with couplers, the gap cover with half-coupler is available.

With the OPTIMA and COMBI systems, assembly of the platform stair tower is particularly simple and material-efficient, as the decking ledger for the stair span can be connected directly to the scaffold outer support.

The resulting gap can be filled with a system girder, so special gap covers are not required.



MJ internal railing: Internal railing SW 19/22, SW 22 internal running railing for frame, modular and OPTIMA systems



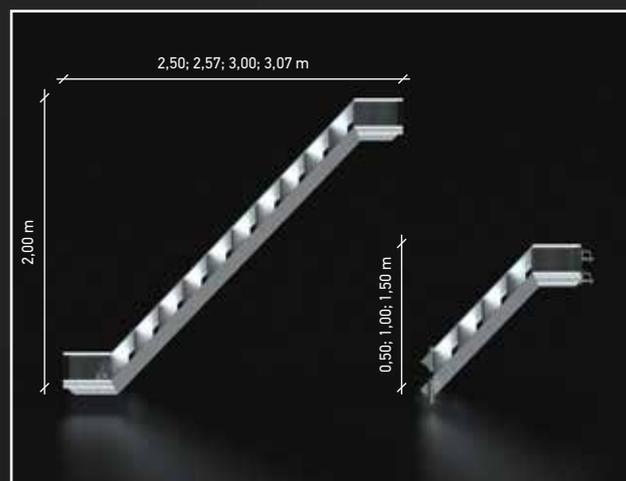
MJ Außengeländer: Treppengeländer doppelt für alle Systeme, Außentreppengeländer einfach für System COMBI

■ Load capacity & dimensions

The load capacity of the scaffolding and construction stairs lies at a maximum of 2.5 kN/m² for an evenly distributed load, or 1.5 kN as an individual load.

The preferred span length is 2.50/2.57 m.

Span length 3.00/3.07 m is additionally available (not for TOP system). The width of the stairs in all systems is designed as a two-plank staircase and complies with DIN EN 12811-1.



MJ aluminum stairway configurations: Aluminum stairway with landing = span lengths up to 3.07 m, aluminum starting stairway = heights up to 1.50 m

■ Advertising and protection against theft

For your own advertising and as optimal protection against theft, we can provide you with your personal customer identification with individual engraving on our stair landings on request. We provide you with the cleanest solutions thanks to our integrated production process.

Our service team will be happy to advise you.



MJ aluminum stairway advertising: Protection against theft through customisation, personal customer identification incl. logo

Stair tower COMBI

for construction sites and public areas

Our solution for big jobs: Based on the COMBI modular scaffolding approved by the building authorities, this solid stair tower is just as suitable for heavy loads in the area of construction sites as it is in public areas.

- Can be used everywhere
- Designed for heightened requirements
- Emergency and escape route

The design allows an evenly distributed surface load of up to 500 kg/m².

For public areas, this stair tower comes with child-proof filler railings for fall protection, in the area of construction sites with three-part side protection. Thanks to its solid design, our stair tower is ideal for use by a large number of people at the same time and for frequent pedestrian traffic

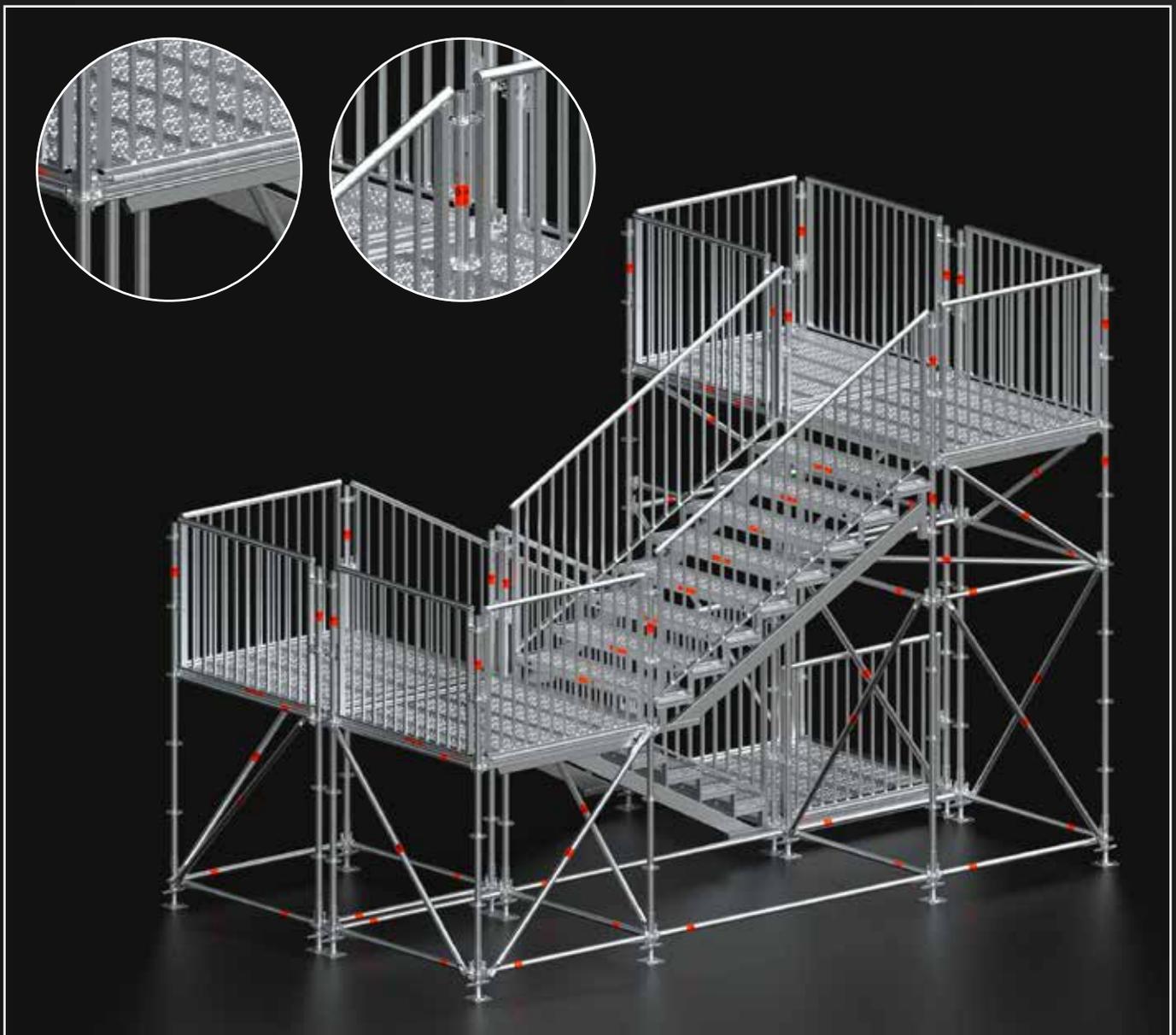
as well as an escape and rescue route (in accordance with DIN 18065, Stairs in buildings).

For construction site safety, this stair tower is often used in combination with the OPTI-BOARD products and the associated construction site door.

The height gradation is achieved by using stair stringers in 0.50, 1.00 and 1.50 metre increments, which means that the entry and exit height can be flexibly selected for any requirement.

Different stairway heights can also be combined with each other.

The non-slip profiled steel scaffold treads are used as stairway treads.



MJ COMBI stair tower: Covering ledger U-support, U-stair stringer (2 to 8 steps, pitch 16.60 cm), gap ledger, U-gap cover (0.73 m to 2.57 m), landing railing (0.73 m to 2.57 m), bar stair railing for U-stair stringer (0.73 m, 1.57 m and 2.57 m)

WWW.MJ-SCAFFOLDING.COM
INFO@MJ-SCAFFOLDING.COM



MJ-GERÜST
Scaffolding Systems



SAFE CONSTRUCTION SITE SEPARATION

All common dimensions - Corner solutions with interior & exterior elements - Robust sheet metal & illumination cassettes



WEATHER, NOISE & ENVIRONMENTAL PROTECTION

WITH MJ OPTI-BOARD

CONSTRUCTION SITE / ESCAPE ROUTE DOOR 1.20 M

WITH PANIC FUNCTION