

# PROSKAL

Μεταλλικά Συστήματα Ικριωμάτων



**ΜΕΤΑΛΛΙΚΑ ΙΚΡΙΩΜΑΤΑ ΠΡΟΣΟΨΕΩΣ ΤΥΠΟΥ U**



ΑΛΟΥΜΙΝΙΟΥ - ΣΙΔΗΡΟΥ

## ΚΑΤΑΛΟΓΟΣ 2021

## SCAFFOLDINGS MADE IN PLETTEMBERG

MJ-Gerüst GmbH, based in Plettenberg in the German region of Sauerland, is part of a strong group of companies, which can look back on more than 50 years of company history. The core competence of the family company lies in the production and worldwide distribution of high-quality steel and aluminum scaffolding systems, which offer almost limitless possibilities in the field of modern system scaffolding construction.

With a unique range of products and a wide range of universal accessories, we offer our customers the option of completing existing scaffolding material in a system-compatible complement. A highly valued advantage by our customers that has given our scaffolding international recognition and prominence.

Development, production and sales. These are the cornerstones of our range of services, which are supplemented by numerous additional services. Especially our support in the planning and implementation of difficult projects is claimed. A service in which our technical know-how and experience can often contribute to considerable time and cost savings.

Only through qualified work can a safe quality product be created. Our proven quality management reflects our knowledge and experience and makes the quality of our products measurable. In order to guarantee our high quality standards, our production processes are constantly accompanied by external examination offices and engineers.



## UNI-CONNECT

Facade scaffold



## UNI

Facade scaffold



## UNI TOP

Facade scaffold



## COMBI

Modular scaffold



## OPTIMA

Guard rail system



## ACCESSORIES

Universal

## OUR COMPANY - YOUR BENEFITS

- Production in Germany at the location Plettenberg
- System compatible, high quality and norm compliant scaffold systems
- Certifications according to DIN EN 9001, 14001 and 50001
- Highest product quality through dynamic quality management
- Short-term availability of material due to high storage capacities and short decision-making processes
- Use of the modern production technology and permanent optimization of technological production running
- Project support already in the planning phase

Certifikat SC0148-19 | utgåva 1 | 2020-05-07

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BUNDESINNING  
GERÜSTBAUSGM  
SEISE  
SESP  
Kommunikative Gestaltung Unternehmensidentität  
Qualität des Erscheinungsbildes und des Erscheinungsbildes  
Sicherheits- und Qualitätsmanagement der Produktion



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 Made in Plettenberg

 General building approval

 European standard

 Individual identification

 Net price, not discountable

 Approval procedure not yet completed

 Delivery time on request

All prices exclude VAT applicable at the time of shipment. All dimensions and weights are non-binding approximate values. Technical data is subject to change without prior notice. Prices are charged as applicable on the day of shipment. Sale is subject exclusively to our sales terms and delivery conditions. An excerpt: place of business and jurisdiction is Plettenberg. Extended retention of title until full payment of all outstanding claims. Our prices are ex works.

## UNI-CONNECT: FAST - SAFE - VERSATILE

The wedge lock on the one hand and the U-profile upper cross truss of the vertical frame, in which the scaffold decks are easily hooked on the other hand, make the UNI-CONNECT system easy to use and fast to assembly and disassemble. At the same time these are the essential security features of the system. Thus, the wedge, the connecting element between assembly frame, diagonals and guard rails, by its special inclination and surface texture, a secure and strong clamping action.

The decks are placed in the U-profiles with two or three claws, depending on the width, and ensure that dead load and traffic loads are safely discharged, this reinforces the whole system and results in a firm connection between the individual scaffold bays.

The UNI-CONNECT scaffold system can be used as a guard and roof guard scaffold, and the use of a protective roof is proven in the standard implementation.

Extensive and functionally coordinated accessory components provide the system with flexibility that makes it easy to install even with difficult tasks. UNI-CONNECT is available in both steel and aluminum versions.

**EFFICIENT**

due to optimized ease of assembly

**PROFITABLE**

through long life and excellent value retention

**FLEXIBLE**

through countless field lengths/widths

**VERSATILE**

through extensive range of accessories



## THE ESSENTIAL BENEFITS OF THE SYSTEM IN OVERVIEW

- Safe stand with positive and force fit wedge connections
  - Scaffold frame with U-profile for flexible mounting of scaffold decks
  - Facilitated partial degradation due to optimized claw geometry
  - Gen. approved by building inspection, also for common, manufacturer independent use
- For details, please refer to the approval modests: Z-8.1-872, Z-8.1-922, Z-8.1-935



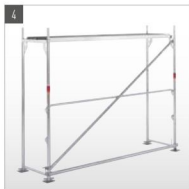
Set up the base jacks, attach assembly frame and connect the guard rails.



Mount vertical diagonal brace, install horizontal brace (only in the diagonal bay).



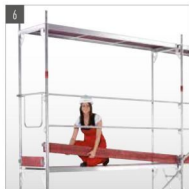
Mount deck.



Align the scaffold with a spirit level on the guard rail and the vertical frame vertically.



Hang up the interior ladder walkway.



Mount assembly frame and decks of the next layer and hang diagonal, guard rail and toe boards.

## ASSEMBLY FRAME STEEL 70



- Steel tube Ø 48.3 mm, hot dip galvanized
- U-profile to mount the decks

Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,66	0,73	10,40	66	000446	
1,00	0,73	12,20	44	000855	
1,50	0,73	15,70	22	000856	
2,00	0,73	17,80	22	000853	



## ASSEMBLY FRAME STEEL 100



- Steel tube Ø 48.3 mm, hot dip galvanized
- U-profile to mount the decks
- Meets the requirements of width class A/F 09 and is designed for highly loaded scaffolds up to load class 6

Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,66	1,09	13,40	66	000456	
1,00	1,09	15,90	44	000859	
1,50	1,09	20,20	22	000861	
2,00	1,09	23,40	22	000858	



## ASSEMBLY FRAME STEEL 70/100



- Steel tube Ø 48.3 mm, hot dip galvanized
- U-profile to mount the decks
- With four rail housings for inside and outside guard rails

Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,00	0,73	17,90	22	008095	
2,00	1,09	23,50	22	006817	





#### TUBE CONNECTOR

Molded tube connector with slim collar for high load-bearing capacity and at the same time optimized stackability.



#### GUSSED PLATE

Welded corner reinforcement allows play-free fastening of vertical diagonals as well as a double coupling connection.



#### RAIL HOUSINGS

Guard rail support with new, improved wedge geometry for secure positive and non-positive reception of up to two back guard rails.



#### TOE BOARD HOLDER

Integrated deck fastening protection with toe board holder. Position and geometry ensure a reliable of the lift-off preventer of scaffold decks. A part dismantling of the scaffold is possible at any time.

## ASSEMBLY FRAME STEEL 1-BOARD



- Steel tube  $\varnothing$  48.3 mm, hot dip galvanized
- U-profile to mount the decks

Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,66	0,36	8,60	66	000605	
1,00	0,36	10,60	44	000604	
2,00	0,36	18,30	22	000876	



## ASSEMBLY FRAME ALUMINUM 70



- Aluminum tube  $\varnothing$  48.3 mm
- U-profile to mount the decks
- Low dead weight with high strength at the same time

Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,66	0,73	4,20	66	000459	
1,00	0,73	5,40	44	000864	
1,50	0,73	7,70	22	002818	
2,00	0,73	8,60	22	000863	



## ASSEMBLY FRAME 70/100 FOR ROOF OVERHANG



- Steel tube  $\varnothing$  48.3 mm, hot dip galvanized
- U-profile to mount the decks
- For converting roof overhangs and building protrusions
- Above this frame up to four further scaffold levels are possible

Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,00	0,73	22,00	22	000862	
2,00	1,09	24,00	22	000452	





## ROOFGUARD FRAME



- Steel tube Ø 48.3 mm, hot dip galvanized
- For broadening the scaffold UC 70 by one deck width
- Particularly suitable for the construction of roof scaffolding according to DIN 4420
- The transition from UC 70 to UC 100 is easily possible

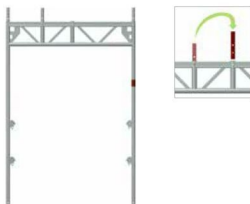


Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,00	1,09/0,73	24,50	22	011034	

## THROUGH-PASSAGE FRAME 1.50 M



- Steel tube Ø 48.3 mm, hot dip galvanized
- Passage for pedestrains and pedestrian protection
- Tube connector for frame widths 0.73 and 1.09 m which can be mounted in different ways
- The reinforcement in longitudinal direction is performed by system diagonals in connection with horizontal braces

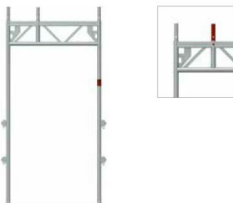


Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,20	1,50	31,50	20	003152	

## THROUGH-PASSAGE FRAME 1.09 M



- Steel tube Ø 48.3 mm, hot dip galvanized
- Passage width 1.00 m for narrow mounting surface
- Four outer rail housings increase the passage width
- The additionally mounted tube connector enables a continuous construction with the frame 0.73 m and 1.09 m width



Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,20	1,09	30,70	22	010933	

## STEEL DECK OPTI-LINE 0.32 M



- Steel, hot dip galvanized
- Extremely robust, for the toughest operations
- Non-slip surface through pronounced hole profiling
- Reducing the wall thickness and optimized hole profiling leads to weight savings
- Good stackability due to the guide grooves at the edges
- Complies with the requirements of DIN EN 12811
- Can be used in guard and roofguard scaffolds as per DIN 4420
- Point welded



Length (m)	Width (m)	Weight (kg)	Load class	PU (pcs.)	Article no.	Price (€)
0,73	0,32	5,60	6	60/80	008770	
1,09	0,32	7,70	6	60/80	008771	
1,40	0,32	9,30	6	60/80	011731	
1,57	0,32	10,90	6	60/80	008772	
2,07	0,32	13,90	6	60/80	008773	
2,57	0,32	16,90	5	60/80	008774	
3,07	0,32	19,80	4	60/80	008775	



## STEEL DECK 0.32 M



- Steel, hot dip galvanized
- Extremely robust, for the toughest operations
- Non-slip surface through pronounced hole profiling
- Good stackability due to the guide grooves at the edges
- Complies with the requirements of DIN EN 12811
- Can be used in guard and roofguard scaffolds as per DIN 4420



Length (m)	Width (m)	Weight (kg)	Load class	PU (pcs.)	Article no.	Price (€)
2,57	0,32	19,70	5	60/80	008764	
3,07	0,32	23,30	4	60/80	008765	
4,14	0,32	31,00	3	60/80	008766	



## STEEL DECK 0.19 M



- Steel, hot dip galvanized
- Levelling deck for closing gaps in staging scaffolding and brackets
- Non-slip surface through pronounced hole profiling
- Good stackability due to the guide grooves at the edges



Length (m)	Width (m)	Weight (kg)	Load class	PU (pcs.)	Article no.	Price (€)
0,73	0,19	4,20	6	100/120	008780	
1,09	0,19	6,40	6	100/120	008781	
1,57	0,19	8,50	6	100/120	008782	
2,07	0,19	10,60	6	100/120	008783	
2,57	0,19	12,70	5	100/120	008784	
3,07	0,19	15,90	4	100/120	008785	



## ALUMINUM DECK WITH STEEL CAPS



- Non-slip surface and easy to stack
- Optimized ratio of weight and carrying through computerassisted profile optimization
- Steel caps with optimized hanging claws, therefore robust and durable
- Patented beam reinforcements in the walking area ensure minimal deflection and best possible slip resistance



Length (m)	Width (m)	Weight (kg)	Load class	PU (pcs.)	Article no.	Price (€)
0,73	0,61	6,80	6	18	006625	
1,09	0,61	8,80	6	18	006627	
1,40	0,61	11,90	6	18	006629	
1,57	0,61	13,40	6	18	006631	
2,07	0,61	14,50	6	18	006632	
2,57	0,61	17,10	5	18	006633	
3,07	0,61	20,30	4	18	006634	

## ALUMINUM DECK WITH STEEL CAPS 0,32 M



- Non-slip surface and easy to stack
- Optimized ratio of weight and carrying through computerassisted profile optimization
- Steel caps with optimized hanging claws, therefore robust and durable
- Patented beam reinforcements in the walking area ensure minimal deflection and best possible slip resistance



Length (m)	Width (m)	Weight (kg)	Load class	PU (pcs.)	Article no.	Price (€)
0,73	0,32	3,80	6	18	012323	
1,09	0,32	5,10	6	18	012324	
1,40	0,32	6,30	6	18	012325	
1,57	0,32	6,90	6	18	012326	
2,07	0,32	8,80	6	18	012327	
2,57	0,32	10,70	5	18	012328	
3,07	0,32	12,50	4	18	012329	

## COMBI DECK WITH PLYWOOD PANEL



- With water-resistant, non-slip and lightweight plywood panel 12 mm, BFU-100 G-12
- Robust riveted head profiles and steel connections claws, hot dip galvanized

Length (m)	Width (m)	Weight (kg)	Load class PU (pcs.)	Article no.	Price (€)
0,73	0,61	6,30	4	14	000479
1,09	0,61	8,40	4	14	003195
1,57	0,61	13,20	4	14	000481
2,07	0,61	17,00	4	14	000482
2,57	0,61	20,00	3	14	000483
3,07	0,61	23,00	3	14	000484

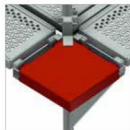
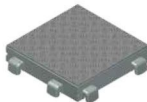


## CORNER DECK



- Steel, hot dip galvanized
- As an addition to system decks in the inner corner area
- Non-slip deck
- In conjunction with corner bracket, see page 35

Length (m)	Width (m)	Weight (kg)	Article no.	Price (€)
0,19	0,19	2,40	008566	
0,36	0,36	7,00	008158	
0,73	0,73	17,00	008159	



## COMBI ACCESS DECK



- With non-slip deck aluminum
- With integrated aluminum ladder (Length 2.07 m extendable)
- Access flap made of corrugated sheet metal with safety lock
- Easy release of the integrated access ladder, also from the soil surface possible
- Head profiles and optimized connection claws from steel, hot dip galvanized

Length (m)	Width (m)	Weight (kg)	Load class PU (pcs.)	Article no.	Price (€)
2,07	0,61	23,30	4	14	009872
2,57	0,61	23,70	4	14	000486
3,07	0,61	26,70	3	14	000488



## COMBI ACCESS DECK FLAP SIDE



- With non-slip deck aluminum
- With integrated aluminum ladder
- Access flap made of corrugated sheet metal with safety lock, open to the side
- Easy release of the integrated access ladder also from the soil surface possible
- Head profiles and optimized connection claws from steel, hot dip galvanized

Length (m)	Width (m)	Weight (kg)	Load class PU (pcs.)	Article no.	Price (€)
2,57	0,61	24,20	4	14	006522
3,07	0,61	27,20	3	14	006523



## COMBI ACCESS DECK WITH PLYWOOD PANEL



- With water-resistant, non-slip and lightweight plywood panel 12 mm, BFU-100 G-12
- With integrated aluminum ladder
- Robust riveted head profiles and steel connections claws, hot dip galvanized



Length (m)	Width (m)	Weight (kg)	Load class	PU (pcs.)	Article no.	Price (€)
2,57	0,61	24,00	3	14	000492	
3,07	0,61	29,00	3	14	000494	

## COMBI ACCESS DECK WITHOUT LADDER



- With non-slip deck aluminum
- Without integrated ladder
- Access flap made of corrugated sheet metal with safety lock
- Head profiles and optimized connection claws from steel, hot dip galvanized



Length (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,57	0,61	11,00	14	009079	
2,07	0,61	17,50	14	000490	
2,57	0,61	20,00	14	002250	
3,07	0,61	25,00	14	000489	

## ACCESS LADDER



- As a separate ladder for the inside scaffold climbing
- With riveted claws for safe mounting to the access decks



Model	Length (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
aluminium	2,16	0,40	3,00	–	001323	
steel	2,16	0,40	10,50	80	000172	

## ALUMINUM STAIRS WITH PLATFORM



- Bay height 2.00 m
- Scaffold stairway for the planned construction with facade scaffolding
- For quick and safe mounting of the scaffold levels
- The steps are designed in a non-slip manner and allow comfortable outside access for extensive use of scaffold and when transporting bulky material, without reducing the work surface in the main walkway
- Evenly distributed area load  $p = 2.5 \text{ kN/m}^2$
- Single load distributed on  $0.2 \times 0.2 \text{ m}^2 F = 1.5 \text{ kN}$
- Meets the requirements according to DIN EN 12811-1



Field length (m)	Length (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,57	3,25	0,64	23,00	10	000419	
3,07	3,65	0,64	28,00	10	000420	



## ALUMINUM BEGINNING STAIRS WITH PLATFORM



- Beginning stair with integrated base jack mounts
- Scaffold stairway for the planned construction with facade scaffolding
- For quick and safe mounting of the scaffold levels
- The steps are designed in a non-slip manner and allow comfortable outside access for extensive use of scaffold and when transporting bulky load class material, without reducing the work surface in the main walkway



Height (m)	Length (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	1,49	0,64	11,60	10	006521	
1,50	1,75	0,64	18,56	15	009945	

## ACCESS LADDER 1.00 M



- Steel, hot dip galvanized
- System-related suspension
- Enables easy entry into the scaffold, with a field height of 1.00 m



Length (m)	Width (m)	Weight (kg)	Article no.	Price (€)
1,00	0,62/0,47	7,90	010407	

## OUTSIDE STAIRCASE HANDRAIL



- Steel, hot dip galvanized
- For aluminum platform stairs
- To hang in rail housings



Field (m)	Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,57	3,25	16,00	40	003182	
3,07	3,65	16,50	40	003181	

## INSIDE STAIRCASE HANDRAIL



- Steel, hot dip galvanized
- For aluminum platform stairs
- Can be used for field wide 2.50 and 3.00 m
- For mounting to the stair string
- Integrated end plug on the handrail for protection



Length (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
2,25	11,50	19	20	000425	
2,25	11,50	22	20	006942	

## STAIR GUARD RAIL



- Steel, hot dip galvanized
- For aluminum beginning stairs with platform 1.00 m
- To hang in rail housings

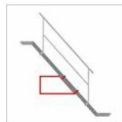


Weight (kg)	PU (pcs.)	Article no.	Price (€)
6,70	40	009179	

## ROUND INSIDE GUARD RAIL



- Steel, hot dip galvanized
- For aluminum platform stairs
- For mounting to the stair string



Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
5,80	40	19	009226	

## GUARD RAIL BRACKET FOR PLATFORM STAIRS



- Steel, hot dip galvanized
- With tube connector
- With welded half coupler
- Reduces the guard rail width by 0.50 m, e. g. from 2.57 to 2.07 m to make the passage to the stairs



Length (m)	Weight (kg)	A/F	Article no.	Price (€)
0,50	3,20	19	008227	



## DECK FASTENING



- Steel, hot dip galvanized
- For brackets

Width (m)	Weight (kg)	Article no.	Price (€)
0,32	1,00	000580	
0,50	1,20	007745	
0,73	1,50	000581	
1,09	2,00	000579	

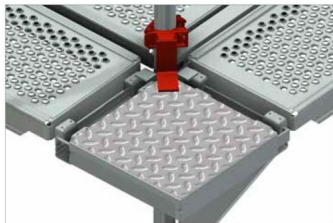
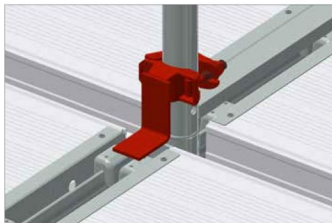


## DECK FASTENING WITH HALF COUPLER



- Steel, hot dip galvanized
- With welded half coupler
- For preventing decks from lifting off

Weight (kg)	A/F	Article no.	Price (€)
1,10	19	008156	
1,15	22	008157	



## DECK FASTENING WITH WEDGE



- Steel, hot dip galvanized
- For preventing decks from lifting off
- With wedge head connection



Weight (kg)	Article no.	Price (€)
0,70	006850	

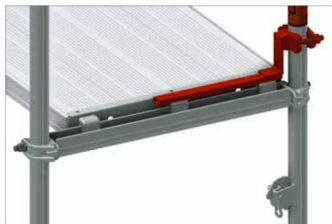
## DECK FASTENING



- Steel, hot dip galvanized
- For preventing decks from lifting off



Width (m)	Weight (kg)	A/F	Article no.	Price (€)
0,40	1,50	19	007302	



## STEP ACCESS PLATFORM BRACKET



- Steel, hot dip galvanized
- With non-slip deck
- With two tube connectors
- With two welded couplers
- To set up a stairway in front of a scaffold field



SW	Gewicht (kg)	VPE (Stk.)	Art.-Nr.	Preis (€)
22	7,50	14	000234	

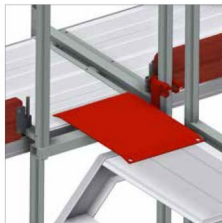
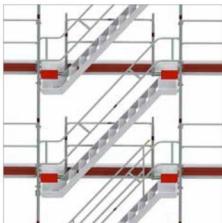
## GAP COVER WITH HALF COUPLER



- Steel, hot dip galvanized
- Non-slip deck
- Varied use for bridging gaps up to 0.25 m wide
- Quick assembly due to half coupler



Length (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,35	0,38	4,00	50	007794	
0,60	0,38	6,20	50	008256	



## POLYGON COVERAGE



- Steel, hot dip galvanized
- Non-slip deck with deck fastening for gap-free construction of round scaffolding from 0 to 45°
- System-related suspension



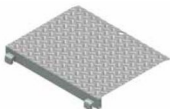
Model	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2-board	0,61	8,50	50	007731	



## GAP COVER



- Steel, hot dip galvanized
- Non-slip deck
- Used to cover gaps in corner scaffolding
- System-related suspension



Model	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1-board	0,32	5,00	50	009503	
2-board	0,63	9,20	50	008374	

## GUARD RAIL



- Steel tube Ø 33.7 mm, hot dip galvanized
- Length 1.29 m corresponds to the half 2.57 m field

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,73	1,20	100	000499	
1,09	2,20	100	000500	
1,29	2,30	100	010809	
1,57	2,40	100	000501	
2,07	3,80	100	000502	
2,57	4,60	100	000503	
3,07	5,90	100	000504	



## DOUBLE GUARD RAIL



- Steel tube Ø 33.7 mm, hot dip galvanized

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,73	4,10	40	000506	
1,09	5,40	40	000507	
1,57	7,20	40	000509	
2,07	9,80	40	000510	
2,57	11,80	40	000511	
3,07	13,50	40	000512	
4,14	21,00	40	000513	



## DOUBLE END GUARD RAIL ALUMINUM WITH DIAGONAL STRUTS



- Aluminum tube Ø 40 mm
- Diagonal struts for stability and extra protection

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,57	3,70	40	009244	
2,07	4,80	40	009660	
2,57	6,50	40	007697	
3,07	7,30	40	007698	



**GUARD RAIL COUPLER**

7 13

- Steel, hot dip galvanized
- With half coupler
- For attaching additional guard rails, e. g. on the inside of the scaffold



Thread	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
Standard	1,20	22	25	002464	
Standard	1,20	19	25	000591	

**GUARD RAIL COUPLER WITH WEDGE**

- Steel, hot dip galvanized
- With half coupler
- With wedge lock



Weight (kg)	Article no.	Price (€)
1,30	003550	

**INSIDE GUARD RAIL POST WITH TOE BOARD PIN**

2

- Steel, hot dip galvanized
- For attaching additional inside guard rails to the assembly frame
- Quick installation with wedge lock



Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,99	3,29	100	006137	



## DOUBLE END GUARD RAIL



- Steel tube Ø 33.7 mm or 26.9 mm, hot dip galvanized
- For double side protection at the ends

Width (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
0,73	3,40	19	25	000530	
1,09	3,80	19	25	000531	
0,73	3,40	22	25	006951	
1,09	3,80	22	25	009676	

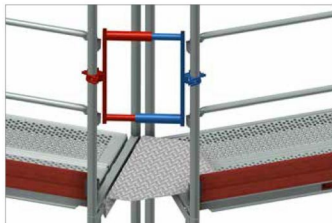
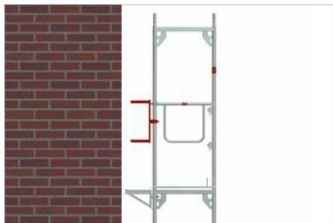


## END GUARD RAIL 1-BOARD



- Steel tube, hot dip galvanized
- For double side protection at the ends
- Plugged into each other
- Can be used for side protection on round scaffoldings

Weight (kg)	PU (pcs.)	A/F	Article no.	Price (€)
2,60	19	50	009366	



## TOE BOARD



- Timber
- Galvanized steel fittings
- For attaching onto the toe board pins of the assembly frame as a part of the complete three-part side protection
- Length 1.29 m corresponds to the half 2.57 m field

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,73	1,50	80	000537	
1,09	2,50	80	000538	
1,29	2,80	80	010812	
1,57	3,00	80	000539	
2,07	4,00	80	000540	
2,57	4,80	80	000541	
3,07	6,50	80	000542	
4,14	9,00	80	000543	



## INDIVIDUAL COLOUR AND PRINT ON REQUEST

## END TOE BOARD



- Timber
- Galvanized steel fittings
- For end side protection

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,73	1,50	100	000544	
1,09	2,00	100	000545	



## ALUMINUM TOE BOARD



- Aluminum
- Galvanized steel fittings
- For attaching onto the toe board pins of the assembly frame as a part of the complete three-part side protection

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,73	1,50	80	010142	
1,09	2,00	80	010143	
1,57	2,80	80	010144	
2,07	3,60	80	010145	
2,57	4,40	80	010146	
3,07	5,20	80	010147	





## DIAGONAL BRACE



- Steel tube Ø 42.4 mm, hot dip galvanized
- With swivel wedge coupler
- Strong vertical bracing of the scaffold parallel to the facade

Field (m)	Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,57	2,40	6,00	50	000546	
2,07	2,80	6,50	50	000554	
2,57	3,20	7,00	50	000552	
3,07	3,60	8,30	50	000553	



## HORIZONTAL BRACE



- Steel tube Ø 48.3 mm, hot dip galvanized
- With welded half couplers
- Mounting for bracing in the diagonal bay above the base jack

Field (m)	Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,57	1,57	7,20	50	008207	
2,07	2,07	9,00	50	000548	
2,57	2,57	10,80	50	000550	
3,07	3,07	12,60	50	000551	

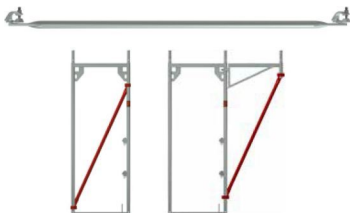


## CROSS DIAGONAL



- Steel, hot dip galvanized
- With two half couplers
- For bracing assembly frame vertical to the facade and for supporting brackets

Model	Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2-board	1,77	5,30	50	000588	
3-board	1,95	5,80	50	000587	



## END GUARD RAIL



- Steel tube Ø 48.3 mm, hot dip galvanized
- Forms side guard and deck fastening on the top scaffold platform
- Security against lift off by security pin



Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	0,73	12,00	20	000865	
1,00	1,09	14,70	20	000556	

## END GUARD RAIL ALUMINUM



- Aluminum tube Ø 48.3 mm
- Forms side guard and deck fastening on the top scaffold platform
- Security against lift off by security pin



Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	0,73	5,30	20	000866	

## END GUARD RAIL ALUMINUM



- Aluminum tube Ø 48.3 mm
- Forms side guard and deck fastening on the top scaffold platform
- Security against lift off by security pin
- With four rail housings and two toe board recordings
- Including integrated end toe board aluminum



Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	0,73	6,80	20	011261	

### GUARD RAIL POST



- Steel tube  $\varnothing$  48.3 mm, hot dip galvanized
- For mounting guard rail and fastening scaffold decks to the top scaffold platform
- Security against lift off by security pin

Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	0,73	6,50	44	000867	
1,00	1,09	7,30	44	000869	



### GUARD RAIL POST ALUMINUM



- Aluminum tube  $\varnothing$  48.3 mm
- For mounting guard rail and fastening scaffold decks to the top scaffold platform
- Security against lift off by security pin

Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	0,73	2,80	44	000870	



## SINGLE GUARD RAIL POST



- Steel tube Ø 48.3 mm, hot dip galvanized
- With tube connector and short deck fastening
- For use with single-board brackets
- Security against lift off by security pin



Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	5,10	50	000871	

## SINGLE GUARD RAIL POST ALUMINUM



- Aluminum tube Ø 48.3 mm
- With tube connector and short deck fastening
- For use with single-board brackets
- Security against lift off by security pin



Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	2,10	50	000872	

## SINGLE GUARD RAIL POST



- Steel tube Ø 48.3 mm, hot dip galvanized
- With tube connector
- Without deck fastening
- If used if no toe board is required



Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	4,70	50	000873	

### GUARD RAIL FOR ROOF GUARD 1.09 M



- Steel tube Ø 48.3 mm, hot dip galvanized
- For securing the top deck level and fastening roof guard nets
- Also suitable for attachment of protective side nets and roof guard nets in conjunction with guard rails
- Approved for the setting up of guard and roofguard scaffolds as per DIN 4420



Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,00	1,09	14,00	44	000563	

### GUARD RAIL FOR ROOF GUARD 0.73 M



- Steel tube Ø 48.3 mm, hot dip galvanized
- For use on vertical frames and brackets 0.36 m, 0.50 m and 0.73 m
- For securing the top deck level and fastening roof guard nets
- Also suitable for attachment of protective side nets and roof guard nets in conjunction with guard rails
- Approved for the setting up of guard and roof guard scaffolds as per DIN 4420



Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,00	0,73	12,00	44	007354	



## GUARD RAIL POST 2.00 M



- Steel tube Ø 48,3 mm, hot dip galvanized
- With tube connector and short deck fastening
- Its use in guard and roofguard scaffolds is not permitted

Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,00	9,50	50	000875	

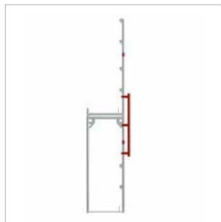


## REINFORCEMENT FOR ROOF RAIL



- Steel, hot dip galvanized
- With three half couplers
- To reinforce the guard rail for roof rail at one field length of 4,00 m

Height (m)	Weight (kg)	A/F	Article no.	Price (€)
1,30	7,50	22	010063	



## ROOF GUARD EXTENSION



- Steel tube Ø 48.3 mm, hot dip galvanized
- Use in connection with a frame bracket 0.73 m



Width (m)	Weight (kg)	Article no.	Price (€)
0,73	4,00	000518	

## DECK FASTENING



- Steel, hot dip galvanized
- Suitable for roof guard extensions



Model	Weight (kg)	Article no.	Price (€)
2-board	2,00	000590	

## SECURITY PIN



- Steel, hot dip galvanized
- Ø 9 mm
- For securing the scaffold joints against unintentional lift-off



Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,15	100	000508	

## BRACKET 0.22 M



- Steel, hot dip galvanized
- With half coupler
- Without tube connector
- With integrated deck retainer



Width (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
0,22	2,50	19	200	006949	
0,22	2,50	22	200	005839	



## BRACKET 0.36 M WITH TUBE CONNECTOR



- Steel, hot dip galvanized
- With half coupler
- With tube connector
- With integrated deck retainer



Width (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
0,36	3,70	19	100	000582	
0,36	3,70	22	100	006945	



## BRACKET WITHOUT TUBE CONNECTOR 0.36 M



- Steel, hot dip galvanized
- With half coupler
- With integrated deck retainer



Width (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
0,36	3,50	19	100	007485	
0,36	3,50	22	100	000584	





## SYSTEM GRIDS BRACKET 0.50 M



- Steel, hot dip galvanized
- With half coupler
- With tube connector
- Used mainly to extend or shorten scaffold fields by 0.50 m
- When used as a scaffold widening, two 0.61 m platforms can be installed without gaps (see picture)



Width (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
0,50	5,40	19	20	007126	



## BRACKET 0.73 M



- Steel, hot dip galvanized
- With half coupler
- With tube connector
- Assembly only with support (e. g. cross diagonal, see page 25)



Width (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
0,73	6,20	19	20	000585	
0,73	6,10	22	20	006946	



## BRACKET WITHOUT TUBE CONNECTOR 0.73 M



- Steel, hot dip galvanized
- With half coupler
- With integrated deck retainer



Width (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
0,73	5,90	19	20	000592	

## BRACKET 0.73 M REINFORCED



- Steel, hot dip galvanized
- With half coupler
- With integrated deck retainer
- For use up to load class 3 without bracing



Width (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
0,73	9,30	19	20	009068	

## FRAME BRACKET 0.73 M



- Steel, hot dip galvanized
- With two half couplers
- With two tube connectors
- For scaffolding extension and for the construction of a gap-free roof guard
- For the creation of scaffold projections or for the construction of a gap-free roof guard



Width (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
0,73	10,00	19	20	000589	

## BRACKET 1.09 M



- Steel, hot dip galvanized
- With half coupler
- With tube connector
- Assembly only with support (e. g. cross diagonal, see page 25)



Width (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
1,09	9,00	19	20	000586	
1,09	9,00	22	20	006947	



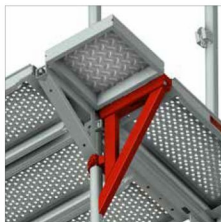
## CORNER BRACKET WITHOUT TUBE CONNECTOR



- Steel, hot dip galvanized
- With integrated deck retainer
- A welded on half coupler at a staggered height enables two brackets to be connected to one stand pipe



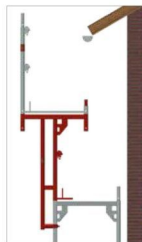
Width (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
0,36	4,70	19	100	008087	
0,73	6,50	19	20	008086	



## ROOFER BRACKET



- Steel, hot dip galvanized
- With two tube connectors
- Meets different requirements for ergonomic workplaces for painters and tinsmiths
- For use up to load class 3
- Not to be used as a roof guard scaffold

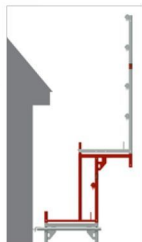
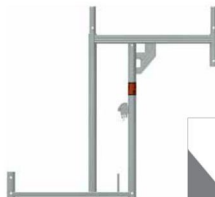


Width (m)	Weight (kg)	A/F	VPE	Article no.	Price (€)
0,73	15,60	19	12	000275	

## CONSOL FRAME



- Steel, hot dip galvanized
- With two tube connectors
- For use at the eaves



Height (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	0,73	14,60	20	010918	

## LEDGER



- Steel, hot dip galvanized
- U-profile with welded half couplers
- For mounting decks in any intermediate levels



Width (m)	Weight (kg)	Article no.	Price (€)
0,73	3,60	000594	
1,09	6,50	000593	

## START LEDGER



- Aluminum
- As lower attachment for the aluminum stairs
- For setting up a deck area in the base section for inside scaffold access



Width (m)	Weight (kg)	Article no.	Price (€)
0,73	3,00	000595	
1,09	5,40	009148	

## DECK TRANSOM



- Steel, hot dip galvanized
- For installation between two assembly frames to create a continuous deck area



Width (m)	Weight (kg)	Article no.	Price (€)
0,73	4,70	004072	
1,09	6,40	002556	

## DECK LEDGER FOR LATTICE BEAMS



- Steel, hot dip galvanized
- With two tube connectors
- For use with bridging with lattice beams



Width (m)	Weight (kg)	Article no.	Price (€)
0,73	5,50	008161	
1,09	9,10	010158	



## U-TRANSOM



- Steel, hot dip galvanized
- With half couplers
- For mounting decks on lattice beams and flat roof scaffolding



Model	Length (m)	Weight (kg)	Article no.	Price (€)
3-board	0,97	4,50	000571	
7-board	2,25	9,00	000567	
8-board	2,57	11,00	000569	
10-board	3,21	13,50	000566	
13-board	4,17	18,00	000568	
16-board	5,13	22,50	000570	
19-board	6,09	26,50	000572	



## RAIN CANOPY BRACKET TWO-PIECE SET



- Steel, hot dip galvanized
- For use with frame width 0.73 m in the top scaffold platform
- In conjunction with guard rails and tarps serves this component provides weather protection



Width (m)	Weight (kg)	Article no.	Price (€)
0,73	13,50	008130	



## GUARD RAIL



- Steel tube Ø 38 mm, hot dip galvanized
- Compressed and perforated at the ends
- Time-saving attachment via the self-locking swivel pins
- No tools required for installation



Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,73	1,40	100	011958	
1,09	2,00	100	011959	
1,57	2,90	100	011963	
2,07	3,80	100	011964	
2,57	4,70	100	011965	
3,07	5,50	100	011966	



The system free safety enclosure OPTI-BOARD is the answer to many questions that you may ask yourself when planning your construction site with regard to environmental and noise protection. When renovating or building a new building, the construction site enclosure protects employees and passers by from noise, dust and dirt.

- Light cassette: The transparent version of the OPTI-BOARD enables work in daylight conditions.
- Dust-tight: A circumferential rubber seal makes the OPTI-BOARD almost dust-tight. This enables a clean construction site cladding, the use of vacuum systems (asbestos removal) and weather-independent sandblasting.
- Quick and easy assembly
- Can be used in the UNI, UNI-CONNECT, UNI TOP and COMBI systems
- Can be installed vertically and horizontally

**WALLCASSETTE SHEET**



Width	Height	Weight (kg)	PU (St.)	Article-no.	Price (€)
0,73	1,00	6,85	14	012076	
1,09	1,00	9,20	14	012077	
1,57	1,00	12,30	14	012078	
2,07	1,00	15,50	14	012079	
2,57	1,00	18,70	14	012080	
3,07	1,00	22,50	14	012081	



**WALLCASSETTE LIGHT STANDARD**



Width	Height	Weight (kg)	PU (St.)	Article-no.	Price (€)
0,73	1,00	5,30	14	012082	
1,09	1,00	6,80	14	012083	
1,57	1,00	8,90	14	012084	
2,07	1,00	11,00	14	012085	
2,57	1,00	13,20	14	012086	
3,07	1,00	15,75	14	012087	



**INSIDE CORNER FOR WALLCASSETTE**



Width	Height	Weight (kg)
0,40	1,00	6,85

PU (St.)	Article-no.	Price (€)
20	012088	



**OUTSIDE CORNER FOR WALLCASSETTE**



Width	Height	Weight (kg)
0,17	1,00	3,90

PU (St.)	Article-no.	Price (€)
50	012089	



**CASSETTE HOLDER | CORNER CASSETTE HOLDER**



System	Weight (kg)	PU (St.)	Article-no.	Price (€)
LEDGER	1,30	250	012061	
TUBE	0,85	300	012062	
TUBE	1,85	500	012063	



012061



012062



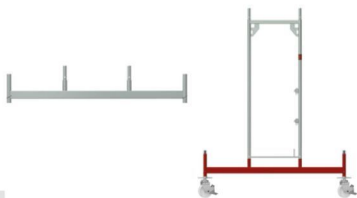
012063



## ROLLING TOWER 2.00 M



- Steel, rectangular tube, hot dip galvanized
- With two tube connectors
- All requirements of DIN 4420-3 must be met for mobile scaffolding with a steel beam. This applies particularly to sufficient ballast, safe inside climbing via access decks with ladders and the necessary side guards at each soil level.

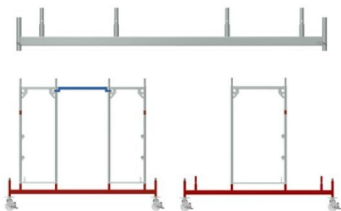


Width (m)	Weight (kg)	Article no.	Price (€)
2,00	21,00	000599	

## ROLLING TOWER 3.00 M



- Steel, rectangular tube, hot dip galvanized
- With four tube connectors
- To create mobile scaffolds



Width (m)	Weight (kg)	Article no.	Price (€)
3,00	32,00	000598	

## CASTOR WITH SPINDLE



- Bearing 10 kN with central load distribution
- Castor Ø 200 mm made of polyamide with run stop
- Levelling through adjustable steel spindle
- The DIN 4420-3 applies when a rolling towers made of a scaffolding
- A standard proof of stability is required for this mobile scaffold



Weight (kg)	PU (pcs.)	Article no.	Price (€)
7,00	80	000332	

## BASE JACK

7 15

- Steel, hot dip galvanized
- With tube spindle
- Base plate 150 x 150 mm
- For adjusting level with differences in height of the underground
- Knurled nut with collar for centring the shaft on the spindle
- Lock to prevent unscrewing of the knurled nut and to ensure the necessary bridging length
- Can be used as a head spindle

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,30	2,40	375	000318	
0,50	3,10	300	000319	
0,60	3,40	300	000320	
0,78	3,90	250	000321	
1,00	4,70	200	000322	



## SWIVEL BASE JACK

15

- Steel, hot dip galvanized
- With tube spindle
- Swiveling base plate 150 x 150 mm
- For adjusting level with differences in height of the underground
- Knurled nut with collar for centring the shaft on the spindle
- Lock to prevent unscrewing of the knurled nut and to ensure the necessary bridging length
- Can be used as a head spindle
- Additional longitudinal scaffold bracing required at in the base
- Permissible load: 25.4 kN

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,50	3,10	250	000323	
0,80	4,30	200	013292	



## BASE JACK SOLID

15

- Steel, hot dip galvanized
- With tube spindle
- Base plate 150 x 150 mm
- For adjusting level with differences in height of the underground
- Knurled nut with collar for centring the shaft on the spindle
- Lock to prevent unscrewing of the knurled nut and to ensure the necessary bridging length
- Can be used as a head spindle
- Without stoppers
- Permissible load:  $N_{pl,Rd} = 197 \text{ kN}$ ,  $M_{pl,Rd} = 105 \text{ kNm}$ ,  $V_{pl,Rd} = 85.2 \text{ kN}$

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,60	6,70	200	007095	



## SPINDLE SECURITY



- Steel, hot dip galvanized
- With half coupler
- Serves for securing spindle and castor with spindle when moving a scaffold with a crane

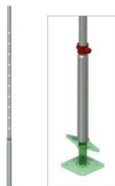


Height (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
0,40	2,00	19	200	010294	

## ADJUSTMENT TUBE



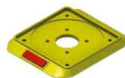
- Steel, hot dip galvanized
- Adjustment range 10 x 0.10 m = 1.00 m
- For levelling unequal ground
- Use in connection with a decking transom and base jack



Height (m)	Weight (kg)	Article no.	Price (€)
1,70	5,80	000402	

## PROTECTIVE PAD FOR BASE JACK

- Plastic
- With reflector



PU (pcs.)	Article no.	Price (€)
80	008110	

## HEAD JACK

- Steel, hot dip galvanized
- Supporting element for support and platform scaffolding as well as for formwork scaffolds
- Used to hold squares timbers, laminated beams and formwork beams



Intake (mm)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
160	5,60	200	000693	
180	8,30	-	011537	

## UNDERLAY WOODS

- As a load-distributing support
- Sawn
- Dimension +/- 10 mm



Length (m)	Width (m)	Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	0,24	0,04	1,50	80	009203	
1,50	0,24	0,04	2,25	80	010360	

## STANDARD COUPLER

EN

- Steel, hot dip galvanized, drop-forged
- Robust model
- For right-angled connection of tubes  $\varnothing$  48.3 mm
- Class BB, EN 74-1 RA BB C3 M
- To be used in the classes B and BB of the steel and aluminum tube



Thread	A/F	Weight [kg]	PU [pcs.]	Article no.	Price [€]
Standard	22	1,15	25	000325	
Standard	19	1,15	25	000326	
Quick	22	1,15	25	007521	
Quick	19	1,15	25	007523	

## SWIVEL COUPLER

EN

- Steel, hot dip galvanized, drop-forged
- Robust model
- For any angular connection of tubes  $\varnothing$  48.3 mm
- Class B, EN 74-1 SW B C3 M
- To be used in class B of the steel and aluminum tube



Thread	A/F	Weight [kg]	PU [pcs.]	Article no.	Price [€]
Standard	22	1,35	25	000328	
Standard	19	1,35	25	000329	
Quick	22	1,35	25	007522	
Quick	19	1,35	25	007524	

## T-HEAD BOLT

EN

- Thread M 14
- Shaft length approx 68 mm
- Strength class 5.6 as per EN ISO 989-1



Thread	Weight [kg]	PU [pcs.]	Article no.	Price [€]
Standard	0,11	200	000164	
Quick	0,11	200	005104	

## WALL TIE



- Steel tube Ø 48.3 mm, hot dip galvanized
- Installation as short scaffold tie with one standard coupler
- Installation as long scaffold tie with two standard couplers

Length (m)	Weight (kg)	Article no.	Price (€)
0,30	1,40	000240	
0,40	1,80	000242	
0,50	2,00	000125	
0,60	2,60	000241	
0,80	3,20	000129	
1,00	3,80	000127	
1,30	4,80	000131	
1,50	5,50	000132	



## WALL TIE WITH PLATE



- Steel tube Ø 48.3 mm, hot dip galvanized
- Installation with a standard coupler



Length (m)	Weight (kg)	Article no.	Price (€)
0,70	2,70	000124	



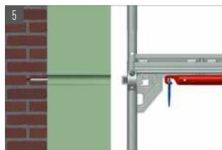
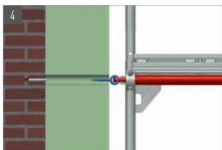
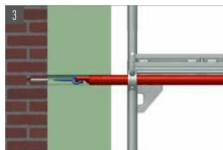
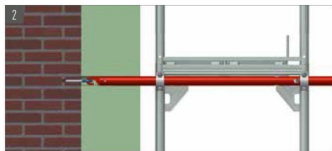
## WALL TIE WDVS



- Steel tube Ø 48.3 mm, hot dip galvanized
- For use on WDVS-facades with commercially available eye bolts
- The use of short eye bolts ensures the recording forces occurring parallel to the facade without the use of special components
- The shape of the 'hook' makes it possible to unscrew the eye bolt together with the wall tie WDVS
- Holes for receiving a tool for easy disassembly (e. g. ratchet)
- Compact hook shape allows optimal storage
- Short distance between eyelet and anchorage ensures low bending stress for the shank of the eyebolt and thus the absorption of high loads parallel to the facade
- This largely waives of V-anchor or triangle anchor
- No damage to the insulation system due to deformation of the anchoring means
- Low assembly work effort because only one drill-hole
- Wall ties can be used regardless of the thickness of the insulations material



Length (m)	Weight (kg)	Article no.	Price (€)
0,30	1,30	011132	
0,60	2,40	011133	
1,20	4,50	010916	
1,55	5,70	011134	



## ANCHOR BRIDGE WDVS



- Set with WDVS bridge and two eye bolts
- For the anchoring of scaffolding to house walls, especially for WDVS when construction in standard version
- Even with a lever arm of 28 cm a sufficient load-bearing capacity is guaranteed in the construction in a standard version parallel to the house wall
- WDVS = Thermal insulation composite system



Weight (kg)	Article no.	Price (€)
3,61	009141	

## WALL TIE



- Steel tube Ø 48.3 mm, hot dip galvanized
- Hook is welded at the inside
- Enables close to the façade in conjunction with anchor bridge WDVS connection of scaffold couplers



Length (m)	Weight (kg)	Article no.	Price (€)
0,18	0,95	009190	



## EYE BOLT Ø 12 MM



- Galvanized and welded
- For use with plastic expansion plugs 70/100 mm and plastic caps natural / black

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,09	0,155	150	000358	
0,12	0,175	150	000359	
0,16	0,210	100	000360	
0,19	0,235	100	000363	
0,23	0,265	100	000361	
0,30	0,300	50	002374	
0,35	0,364	50	000362	
0,40	0,424	50	006333	
0,45	0,468	50	007555	
0,50	0,530	50	002983	



## EYE BOLT M12



- Galvanized and welded
- With metric thread

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,06	0,140	150	012379	
0,08	0,150	150	012383	
0,10	0,160	100	012384	
0,12	0,175	100	012385	
0,16	0,210	100	012386	
0,22	0,260	50	012387	



## PLASTIC CAP



- For closing anchor drill holes

Colour	Weight (kg)	PU (pcs.)	Article no.	Price (€)
natural	0,003	100	000651	
black	0,003	100	010353	



## EXPANSION PLUG



- For eye bolts with a timber thread Ø 12 mm
- For drilling Ø 14 mm

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,07	0,007	100	000357	
0,10	0,007	100	011158	



## MJ-SCAFFY



- Screw-in aid for eye bolts
- With socket A/F Z2  
[for standard ratchet wrenches]
- With 3/4 inch square socket
- With SDS drill adapter



Weight (kg)	Article no.	Price (€)
0,374	012600	



### STACKING PALLET FOR TUBES



- Steel tube, hot dip galvanized
- Specially suited for module scaffolds, e. g. standards, ledgers, guard rails, diagonal braces, tubes and toe boards
- Open all round
- Suited for stacked and crane transports
- The tubular supports are removable and are to be stowed securely in the base frame so that empty pallets can be transported and stacked in a very space-saving manner
- Special orders on request

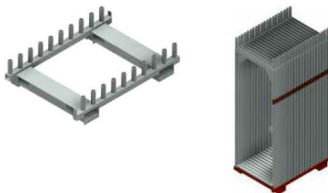


Length (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,85	0,85	30,50	5	006962	
1,25	0,55	31,80	5	010334	
1,25	0,85	35,00	5	005614	

### SCAFFOLD PALLET FOR ASSEMBLY FRAME



- Steel tube, hot dip galvanized
- Continuous fork mount for safe fork-lift transport
- Additional cut-outs allow side retracting
- Capacity: 20 Assembly frames



System	Length (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
UC 70	1,11	0,79	31,10	5	008317	
UC 100	1,11	1,16	38,70	5	008367	

**OTHER PRODUCTS FOR STORAGE AND TRANSPORT FIND IN OUR PRICE LIST 'ACCESSORIES'**



## ASSEMBLY SECURITY GUARD RAIL

The assembly security guard rail (MSG) serves as a security measure on the top scaffold and in the ascent field. The system consisting of guard rail posts and extendable guard rail spar is mounted in the construction of the scaffold before entering the top scaffold position of the underlying layer.



## POST FOR ASSEMBLY SECURITY GUARD RAIL



- Coaxially arranged aluminum tubes with two swivel pin connections
- Fits any scaffold tube  $\varnothing$  48,3 mm
- Maximum flexibility in the application
- Tool-free fixation through anti-rotation device
- Operation (locking and unlocking) from above and below
- At the same time assembly and disassembly of guard rail and intermediate beam

Weight (kg)	PU (pcs.)	Article no.	Price (€)
5,80	45	011088	



## GUARD RAIL FOR ASSEMBLY SECURITY GUARD RAIL



- Aluminum tube
- Two-sided recesses for attachment to the guard rail post
- Locking pin prevents the unintentional sliding apart of the tubes during transport
- Piston guide belts for smooth sliding of the aluminum tubes



For field length	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,50 - 1,57 m	3,40	10	011437	
2,00 - 3,07 m	4,60	10	011156	



## FRONT ASSEMBLY SECURITY GUARD RAIL



- Ergonomic, easy to handle and economical to install
- One-piece component as system-free design, no moving parts
- Tool-free installation
- Integrated deadlock
- For easy installation, users stand on the covered position
- Comfortable implementation from below and above

Weight (kg)	PU (pcs.)	Article no.	Price (€)
7,10	10	011131	



## SET - PERSONAL PROTECTIVE EQUIPMENT MILLER 1

EN 1



- Revolution R2 Comfort harness - with 80 cm back eyelet extension (EN 361), elastic dura flex belt band, sharp edge tested, front and rear eyelet, comfort back pads, automatic fasteners for quick on and off, belt end clips, swivel connection at waist height for optimal ergonomics when bending or stretching, attachment point for tools and accessories, integrated label tray
- Lifetime of the material is 10 years
- Lanyards with shock absorber - length 2.00 m, sharp edges tested, horizontally approved [attachment point on floor level], 63 mm scaffold hook, stretchy design for more latitude of movement, safety clip for fastening to harness, Teflon-coated for longer life, EN 354 and EN 355
- Equipment bag - 0.27 x 0.80 m (D x H), made of PVC, red



Size	Article no.	Price (€)
S - M	006273	
L - XL	005610	

## SET - PERSONAL PROTECTIVE EQUIPMENT MILLER 2

EN 1



- Revolution R2 Comfort harness - with 80 cm back eyelet extension (EN 361), elastic dura flex belt band, sharp edge tested, front and rear eyelet, comfort back pads, automatic fasteners for quick on and off, belt end clips, swivel connection at waist height for optimal ergonomics when bending or stretching, attachment point for tools and accessories, integrated label tray
- Twin Manyard EDGE 2.00 m - with 2 x 63 mm aluminum hooks (EN 354 + 355), sharp edges tested, integrated shock absorber with fall of indicator
- Lifetime of the material is 10 years
- Equipment bag - 0.27 x 0.80 m (D x H), made of PVC, red



Size	Article no.	Price (€)
L - XL	011284	

ALL SET COMPONENTS MAY ALSO BE ORDERED SEPARATELY

OTHER PROTECTIVE EQUIPMENT FIND IN OUR PRICELIST 'ACCESSORIES'

SCAFFOLD BAY LENGTH 3.07 X 0.73 M				Length x Height (m)		
				100.00 x 10.20	50.00 x 10.20	10.00 x 10.20
				1,002 m <sup>2</sup> - 32 Fields	501 m <sup>2</sup> - 16 Fields	94 m <sup>2</sup> - 3 Fields
Product description	Dimension (m)	Article no.	Price (€)	Pieces	Pieces	Pieces
<b>BASE EQUIPMENT</b>						
Assembly frame steel 70	2.00 x 0.73	000853		132	68	16
Steel deck OPTI-LINE 0.32 m	3.07 x 0.32	008775		250	122	18
Access deck plywood panel	3.07 x 0.61	000494		4	4	4
Diagonale	3.07	000553		28	16	4
Start ledger	0.73	000595		2	2	2
Back guard rail	3.07	000504		256	128	24
Toe board	3.07	000542		128	64	12
End toe board	0.73	000544		8	8	8
Double end guard rail	0.73	000530		6	6	6
Guard rail post	1.00 x 0.73	000867		31	15	2
Top end guard rail post	1.00 x 0.73	000865		2	2	2
Base jack	0.60	000320		66	34	8
Horizontal brace	3.07	000551		6	3	0
Wall tie	0.60	000241		35	19	6
Standard coupler	A/F 19	000326		35	19	6
Expansion plug	0.07	000357		35	19	6
Eye bolt	0.12	000359		35	19	6
Total price in €						

EXTRA CHARGE IN EXCHANGE				1,002 m <sup>2</sup> - 32 Fields	501 m <sup>2</sup> - 16 Fields	94 m <sup>2</sup> - 3 Fields			
FROM	AGAINST	Article no.	List price (€)	Pieces	Extra charge (€)	Pieces	Extra charge (€)	Pieces	Extra charge (€)
Access deck with plywood deck	Access deck with aluminum deck	000488		4		4		4	
Steel deck OPTI-LINE 0.32 m	Combi acces deck with plywood panel	000484		125		61		9	
Steel deck OPTI-LINE 0.32 m	Aluminum deck with steel caps	006634		125		61		9	
Assembly frame steel 70	Assembly frame aluminum 70	000863		132		68		16	
Access decks	Platform stair tower*	-		1		1		1	

\*The scaffold components required for the platform stair tower are summarized in a price and offset against the access decks.

SCAFFOLD BAY LENGTH 2.57 X 0.73 M				Length x Height (m)		
				100.00 x 10.20	50.00 x 10.20	10.00 x 10.20
				1,049 m <sup>2</sup> - 40 Fields	525 m <sup>2</sup> - 20 Fields	105 m <sup>2</sup> - 4 Fields
Product description	Dimension (m)	Article no.	Price (€)	Pieces	Pieces	Pieces

BASE EQUIPMENT						
Assembly frame steel 70	2,00 x 0,73	000853		164	84	20
Steel deck OPTI-LINE 0.32 m	2,57 x 0,32	008774		314	154	26
Access deck plywood panel	2,57 x 0,61	000492		4	4	4
Diagonale	2,57	000552		32	16	4
Start ledger	0,73	000595		2	2	2
Back guard rail	2,57	000503		320	160	32
Toe board	2,57	000541		160	80	16
End toe board	0,73	000544		8	8	8
Double end guard rail	0,73	000530		6	6	6
Guard rail post	1,00 x 0,73	000867		39	19	3
Top end guard rail post	1,00 x 0,73	000865		2	2	2
Base jack	0,60	000320		82	42	10
Horizontal brace	2,57	000550		7	3	0
Wall tie	0,60	000241		43	23	7
Standard coupler	SW 19	000326		43	23	7
Expansion plug	0,07	000357		43	23	7
Eye bolt	0,12	000359		43	23	7
Total price in €						

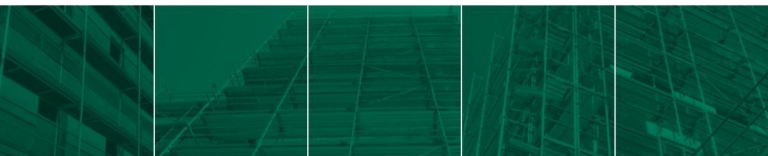
EXTRA CHARGE IN EXCHANGE				1,049 m <sup>2</sup> - 40 Fields	525 m <sup>2</sup> - 20 Fields	105 m <sup>2</sup> - 4 Fields			
FROM	AGAINST	Article no.	List price (€)	Pieces	Extra charge (€)	Pieces	Extra charge (€)	Pieces	Extra charge (€)
Access deck with plywood deck	Access deck with aluminum deck	000486		4		4		4	
Steel deck OPTI-LINE 0.32 m	Combi acces deck with plywood panel	000483		157		77		13	
Steel deck OPTI-LINE 0.32 m	Aluminum deck with steel caps	006633		157		77		13	
Assembly frame steel 70	Assembly frame aluminum 70	000863		164		84		20	
Access decks	Platform stair tower*	-	-	1		1		1	

\*The scaffold components required for the platform stair tower are summarized in a price and offset against the access decks.

SCAFFOLD BAY LENGTH 2.57 X 1.09 M				Length x Height (m)		
				100.00 x 10.20	50.00 x 10.20	10.00 x 10.20
				1,049 m <sup>2</sup> - 40 Fields	525 m <sup>2</sup> - 20 Fields	105 m <sup>2</sup> - 4 Fields
Product description	Dimension (m)	Article no.	Price (€)	Pieces	Pieces	Pieces
<b>BASE EQUIPMENT</b>						
Assembly frame steel 100	2.00 x 1.09	000858		164	84	20
Steel deck OPTI-LINE 0.32 m	2.57 x 0.32	008774		475	235	43
Access deck plywood panel	2.57 x 0.61	000492		4	4	4
Diagonale	2.57	000552		32	16	4
Start ledger	1.09	009148		2	2	2
Back guard rail	2.57	000503		320	160	32
Toe board	2.57	000541		160	80	16
End toe board	1.09	000545		8	8	8
Double end guard rail	1.09	000531		6	6	6
Guard rail post	1.00 x 1.09	000869		39	19	3
Top end guard rail post	1.00 x 1.09	000556		2	2	2
Base jack	0.60	000320		82	42	10
Horizontal brace	2.57	000550		7	3	0
Wall tie	0.60	000241		43	23	7
Standard coupler	A/F 19	000326		43	23	7
Expansion plug	0.07	000357		43	23	7
Eye bolt	0.12	000359		43	23	7
Total price in €						

EXTRA CHARGE IN EXCHANGE				1,049 m <sup>2</sup> - 40 Fields	525 m <sup>2</sup> - 20 Fields	105 m <sup>2</sup> - 4 Fields			
FROM	AGAINST	Article no.	List price (€)	Pieces	Extra charge (€)	Pieces	Extra charge (€)	Pieces	Extra charge (€)
Access deck with plywood deck	Access deck with aluminum deck	000486		4		4		4	
Steel deck OPTI-LINE 0.32 m	Aluminum deck with steel caps	006633		157		77		13	
Access decks	Platform stair tower*	-	-	1		1		1	

\*The scaffold components required for the platform stair tower are summarized in a price and offset against the access decks.



### UNI-CONNECT

Facade scaffold



### UNI

Facade scaffold



### UNI TOP

Facade scaffold



### COMBI

Modular scaffold



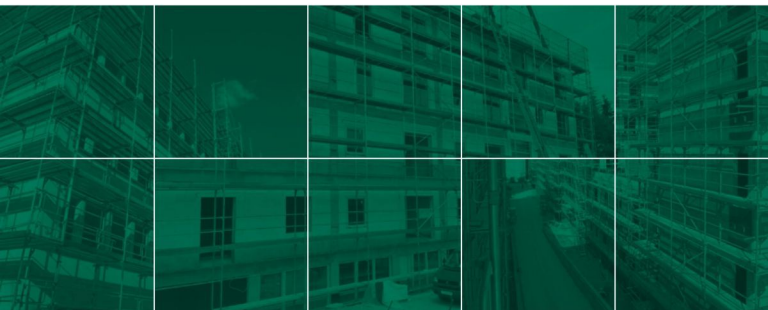
### OPTIMA

Guard rail system



### ACCESSORIES

Universal



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# **PRO**SKAL

**Μεταλλικά Συστήματα Ικριωμάτων**