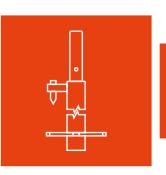
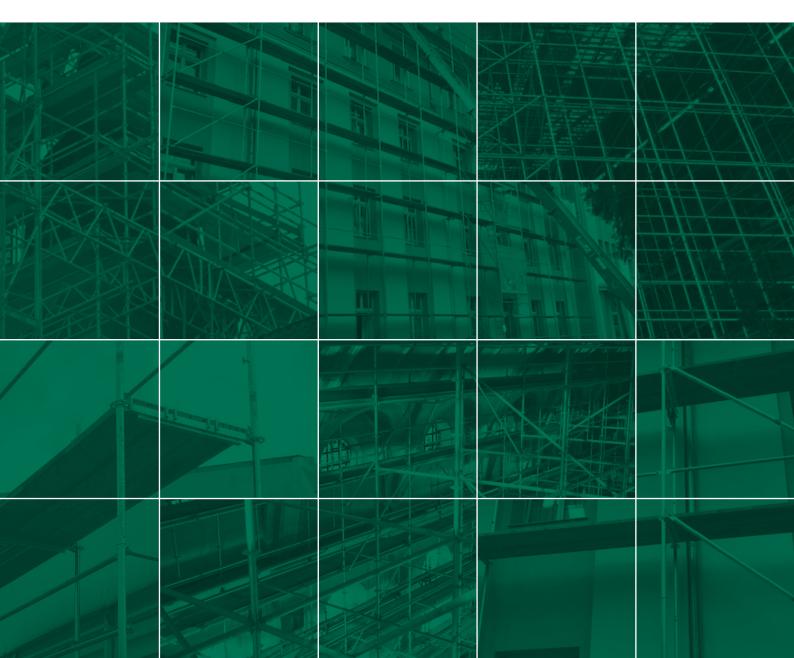


# **OPTIMA**



PRICES | EDITION 10.2022



#### **SCAFFOLDINGS MADE IN PLETTENBERG**

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.



# **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

#### **PARTNER AND CERTIFICATES**

























St.Helens Plant Limited STHP.CO.UK - 01744 850 300









OPTIMA THE SYSTEM



#### THE ORIGINAL MJ OPTIMA PRINCIPLE

The MJ Optima scaffolding system is designed as a facade scaffolding system. The advantages from the tried and tested frame system are taken up and combined with the advantages of a modular designed scaffolding system. In addition, the requirements of a leading railing are met with system-integrated components. Meaningful and well thought out System-free accessories complete the MJ Optima principle.

By investing in the MJ Optima system, you are optimally aligning your scaffold company with the future requirements of the construction industry and occupational health and safety legislation.

#### **MJ OPTIMA**

The MJ OPTIMA metric system uses new types of vertical standards and deck ledgers. Tried and tested scaffold decks, diagonals, accessories and many side protection parts can still be used. The proven and internalized assembly activities are not significantly influenced.

The use of the known perforated disc as a modular scaffolding node also makes it possible to use round tube decks and other modular scaffold components. The connection with the modular scaffold system allows previously unknown degrees of freedom in the execution of unusual scaffolding.

By installing decking ledgers, optionally with two or three piles in width, the use and provision of vertical frames of different widths is no longer necessary. Well thought-out details, such as the scaffolding corner with only three scaffolding standards, complete the superior efficiency of the system.

Transport, storage and movement of the components on the construction site are considerably simplified. Through the mechanically transport in palletized units with forklifts or by crane, in most applications only the so-called "last meter" remains for manual handling and not much more.

The lower component weights in connection with the higher safety against falling lead to a far reduced body stress strain and thus to a higher hourly output on the construction site.

The integrated leading railing frees you from the obligation to use personal protective equipment (PPE) in most situations.

The approval of the scaffold system by the German Institute for Structural Engineering with the approval number Z-8.22-986 enables a very wide field of application without further individual evidence: the standard design as well as diverse, standardized scaffold configurations with a static verification through the manufacturer and associated planning engineers are available and often replace evidence in individual cases.

In applications with special requirements that go far beyond the norm, the stability can be checked in individual cases with a static proof.

The leading railing with system-integrated components can be implemented with the existing vertical standards. The MJ-Bärchen railings (protected by proprietary rights) enable a further increase in efficiency and occupational safety.



#### **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

#### TRBS-COMPLIANT RAILING ASSEMBLY

After completing all the assembly work for a scafoold level, the scaffold builder moves up to the next scaffold level. There is already a leading one there principal guardrail 1.00 m above the scaffold deck. The side protection of the scaffold decks is completed with a knee rail and toe board. The leading guardrail for the next scaffold level is installed as shown in Figures 1-4 below:



- A railing post 2.00 m is is going to get up on one tube connector attached.
- With the top Load classivel pin at +3.00 m, a back guard rail coupled.



- Another railing is with the standing up coupled railing post.
- Another handrail 2.00 m is becomes is connected to the free railing end coupled and clipped on.
- Field by field, all leading guard rails are mounted in advance.



- The lower, free end of the railing is attached to the upper tilting pin coupled with a second handrail 2.00 m.
- The hand rail is connected becomes to the coupled railing coupled attached to the next upright tube connector.



 The scaffold decks are laid around the work complete this scaffold level.

When climbing to the next scaffold level, there is already protection against falling.

The outside of the scaffold is continuously secured with a leading guard rail 1.00 m above the scaffold decks and with double guard rails on the front sides of the scaffold.



OPTIMA **CONTENTS** 

Gen. approved by building inspection. For details on type and scope, please refer to the approval model: Z-8:22-986.

This price list includes the standard components for the MJ OPTIMA scaffold system. All components for creating the standard version of the approval as well as some additional components are included in this price list. The MJ OPTIMA scaffold system can be usefully completed with components from the MJ UNI 70/100 facade scaffold system, the MJ COMBI metric modular scaffold system and non-system scaffold accessories. The price lists for these additional systems contain a large number of components for special problem solutions. If in doubt or if you have any further questions, please contact our emplyees. We are happy to help!

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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.













Visit us on f in www.geruestlager.de

#### **BASE JACK**



- 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	17,80
0,50	3,10	300	000319	21,30
0,60	3,40	300	000320	22,00
0,78	3,90	250	000321	29,80
1,00	4,70	200	000322	35,70



#### **AFIVEL BASE JACK**



- Steel, hot dip galvanized
- With tube spindle
- AFiveling 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	46,30
0,80	4,30	200	013292	54,50



# **UNDERLAY WOODS**

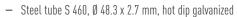
- As a load distributing support
- Sawn
- Dimension +/- 10 mm



Length (m)	Width (m)	Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	0,24	0,04	1,50	80	009203	10,20
1,50	0,24	0,04	2,25	80	010360	12,30

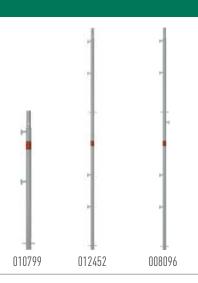


#### STARTING VERTICAL STANDARD



- For tensile connection at the stand connection punched
- Base vertical standard 1.16 m for direct use on the base jack
- With Load swivel pin
- With perforated discs to accommodate the deck ledger as well as for the versatile connection of COMBI vertical diagonals, ledger and consoles

Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,16	5,70	50	010799	60,50
3,16	11,30	70	012452	114,40
3 16	11 // 0	70	960800	122 AN



#### STARTING VERTICAL STANDARD FOR HEIGHT COMPENSATION

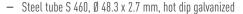


- Perforated for tension-proof connection at the stand joint
- For use in the lowest scaffold level without an starting collar
- With Load swivel pin
- With a perforated disc each at the base and at the level of the scaffold deck level to accommodate the deck ledgers as well as for the versatile connection of COMBI vertical diagonals, transoms, brackets

Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,66	6,70	70	013534	78,90
2,66	9,70	70	013535	107,90



# **RAILING VERTICAL STANDARD 2,00 M**



- For tensile connection at the stand connection punched
- With Load swivel pins
- With perforated disc to accommodate the deck ledger as well as for the versatile connection of COMBI vertical diagonals, ledger and consoles

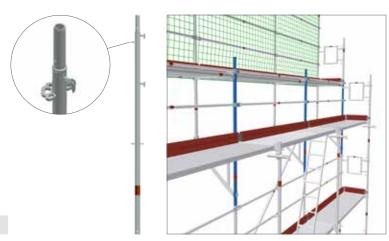
Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,00	7,00	70	010797	62,90
2,00	7,20	70	011774	70,90



#### RAILING VERTICAL STANDARD 2.00 M WITH HALF PERFORATED DISC

 Same design as railing post 2.00 m, with an additional half perforated disc to accommodate the decking ledgers, ledgers and brackets

 For easy assembly of a bracket roof safety scaffold 1.00 m above the scaffold deck level



Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,00	7,40	70	011841	107,00

# WALK-THROUGH FRAME TRUSS BEAM 1,50 M

- For the erection of pedestrian walkways and walkways for pedestrians
- Through-frame trusses for use with modular scaffold standards
- Connection with four wedge heads, stable and rigid construction
- Ideal for height compensation
- For lateral, central or any arrangement of the upright scaffolds
- Easy assembly, compact packing dimensions
- The COMBI walk-through frame fits all facade scaffolding and modular scaffolding width dimension



Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0.50	20,70	25	014243	195.00

#### **ADAPTER FRAME**



- Vertical frame for transition from Optima to frame scaffold
- Like vertical frame steel 70 x 100 mm, open at the bottom

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Model	Weight (kg)	PU (pcs.)	Article no.	Price (€)	
UC 70	9,80	25	013406	92,00	
UC 100	12.40	25	013407	96.00	-(E



# **END VERTICAL STANDARD 1.00 M**

- Steel tube S 460, Ø 48.3 x 2.7 mm, hot dip galvanized
- Perforated for tension-proof connection at the stand joint
- With a perforated disc to accommodate the deck ledgers and for the versatile connection of COMBI vertical diagonals, ledgers, consoles
- End post to the upper scaffold closure on the inside of the scaffold

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Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	3,30	50	010798	39,00

#### **END VERTICAL STANDARD 1.00 M WITH TUBE CONNECTOR**



- Steel tube S 460, Ø 48.3 x 2.7 mm, hot dip galvanized
- Perforated for tension-proof connection at the stand joint
- With tube connector
- With a perforated disc to accommodate the deck ledgers and for the versatile connection of COMBI vertical diagonals, ledgers, consoles
- End post to the upper scaffold closure on the inside of the scaffold



Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	4,00	50	008421	55,50

#### **BASE VERTICAL STANDARD 1.00 M**



- $-\;$  Steel tube S 460, Ø 48.3 x 2.7 mm, hot dip galvanized
- Perforated for tension-proof connection at the stand joint
- With two swivel pins
- With tube connector



Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	4,20	50	010796	55,50





Net price, not discountable



#### **STARTING COLLAR**

- With perforated disc
- Forms the scaffold base together with base jacks
- Vertical standard is placed in the starting collar for further assembly

Length (m)	Weight (kg)	Article no.	Price (€)
0,23	1,40	004833	15,30
0.43	2.50	004525	39.40



#### **VERTICAL STANDARD WITH COMPRESSED TUBE CONNECTOR**

- Steel tube Ø 48.3 x 3.2 mm, hot dip galvanized
- Drilled for a tensile connection in the upper and lower part
- Perforated disks at a distance of 0.50 m for up to eight connections each.
   Supports with compressed tube connectors can also be used in suspended scaffold or when moving with a crane

Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,50	3,20	80	000696	25,70
1,00	5,20	40	000706	33,10
1,50	7,70	40	000719	47,10
2,00	9,80	40	000727	53,90
2,50	12,10	40	000764	73,60
3,00	14,40	40	000738	80,00
3,50	16,70	40	002892	95,80
4.00	18.50	40	000745	102,50



# STARTING VERTICAL STANDARD

- Steel tube Ø 48.3 x 3.2 mm, hot dip galvanized
- With additional lower perforated disc
- $\,-\,$  As an alternative to use in the lowest scaffold level without starting collar

Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,66	4,20	40	005751	37,00
1,16	6,50	40	005752	50,70
2,16	11,00	40	004712	74,60
3,16	15,40	40	005753	104,80





# **LEDGER**

- Steel, hot dip galvanized
- With wedge head connections for attachment to the perforated discs
- For use as a support ledger for holding decks with tube support, as bracing element and as guard rail
- In deck levels bracing ledgers can be omitted if system decks and these are secured against taking off

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,39	2,00	100	006232	31,40
0,42	2,00	100	005754	31,40
0,45	2,20	100	008250	31,40
0,50	2,20	100	004834	29,00
0,73	3,50	50/100	000699	25,40
1,00	4,00	50/100	000809	30,90
1,04	3,90	50/100	005755	30,20
1,09	4,50	50/100	000709	30,30
1,29	5,30	50/100	000714	37,10
1,40	5,80	50/100	000715	37,10
1,54	6,06	50/100	005756	37,10
1,57	6,40	50/100	000722	37,10
2,07	7,80	50/100	000730	43,40
2,57	9,70	50/100	000734	49,50
3,07	11,00	50/100	000741	55,80
4,14	14,90	100	004860	81,40



#### **DECK LEDGER U-SUPPORT**

- Steel, hot dip galvanized
- With wedge head connectors
- For use with standard UNI-CONNECT decks

Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,42	2,20	200	004284	29,90
0,73	3,10	50/100	000821	29,20
1,09	4,50	50/100	000822	42,80



#### **DECK FASTENING U-SUPPORT**

- Steel, hot dip galvanized
- With two board pin
- With two hooks
- For securing in the U-deck ledger

Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,42	0,70	-	005758	15,50
0,73	1,50	200	011135	22,90
1,09	2,20	200	011290	25,30
1,40	2,60	100	014475	49,90





# **VERTICAL DIAGONAL BRACE**

- $-\;$  Steel tube Ø 48.3 x 2.3 mm, hot dip galvanized
- With swiveling wedge heads
- For bracing the vertical scaffold structure

Field height (m)	Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,00	0,50	4,70	50	004946	50,10
1,00	0,73	4,20	50	006753	43,30
1,00	1,00	5,40	50	004943	49,30
1,00	1,04	6,25	50	005544	45,90
1,00	1,09	6,30	50	000810	45,90
1,00	1,29	6,40	50	005761	49,00
1,00	1,40	6,90	50	000811	51,70
1,00	1,54	7,00	50	005762	52,70
1,00	1,57	7,10	50	000812	54,30
1,00	2,07	8,40	50	000813	56,70
1,00	2,57	9,80	50	000814	60,50
1,00	3,07	11,20	50	000815	65,30

Field height (m)	Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,00	0,50	7,00	50	004791	57,80
2,00	0,73	7,90	50	000702	50,50
2,00	1,00	7,60	50	004717	50,90
2,00	1,04	8,20	50	006430	51,70
2,00	1,09	8,30	50	000711	51,50
2,00	1,29	8,50	50	006689	54,60
2,00	1,40	8,70	50	000716	56,80
2,00	1,57	8,80	50	000725	53,00
2,00	2,07	9,60	50	000733	55,30
2,00	2,57	10,40	50	000737	59,10
2,00	3,07	11,20	50	000744	62,90





OPTIMA DIAGONAL BRACING

#### **DIAGONAL**

- Steel tube Ø 48.3 x 2.3 mm, hot dip galvanized
- The assembly is carried out on the outside of the scaffold via the upper swivel pin on the OPTIMA railing post (Art.-no. 011774)
- The arrangement of the diagonals guarantees that the scaffolding is vertical, level-by-level alignment is not required

Field (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,57	7,60	50	012960	30,30
2,07	8,10	50	012961	33,20
2,57	9,64	50	012962	35,30
3,07	11,18	50	012963	39,00
4,14	14,08	50	012964	49,90

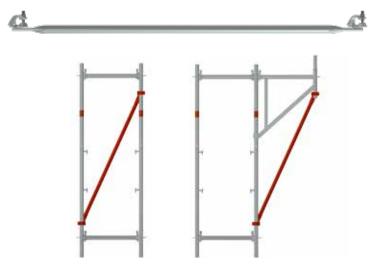


# **CROSS DIAGONAL**

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- Steel, hot dip galvanized
- With two half couplers
- For stiffening scaffold bays perpendicular to the facade and to support brackets

Model	Length (m)	Weight (kg)	AF	Article no.	Price (€)
2-board	1,77	5,30	19	000588	53,10
3-board	1,95	5,80	19	000587	55,90



#### STEEL DECK 0.19 M - UC

- Steel, hot dip galvanized
- Extremely robust, for the toughest operations
- 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	47,70
1,09	7	0,19	6,40	6	100/120	008781	56,70
1,57	7	0,19	8,50	6	100/120	008782	58,30
2,07	7	0,19	10,60	6	100/120	008783	67,90
2,57	7	0,19	12,70	5	100/120	008784	79,40
3,07	7	0,19	15,90	4	100/120	008785	92,30





#### STEEL DECK OPTI-LINE 0.32 M - UC

- 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	66,60	
1,09	0,32	7,70	6	60/80	008771	67,80	
1,40	0,32	9,30	6	60/80	011731	69,00	
1,57	0,32	10,90	6	60/80	008772	69,70	
2,07	0,32	13,90	6	60/80	008773	78,20	
2,57	0,32	16,90	5	60/80	008774	90,30	
3,07	0,32	19,80	4	60/80	008775	102,60	
4,14	0,32	31,00	3	60/80	008766	200,50	







#### **ALUMINUM DECK WITH STEEL CAPS 0,19 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

Length (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,73	0,19	3,04	18	013791	52,30
1,09	0,19	4,10	18	013792	54,30
1,40	0,19	5,00	18	013793	70,10
1,57	0,19	5,54	18	013794	90,70
2,07	0,19	7,00	18	013795	109,70
2,57	0,19	8,50	18	013796	127,70
3,07	0,19	10,00	18	013797	151,80







OPTIMA DECKS

#### **ALUMINUM DECK WITH STEEL CAPS 0.32 M**

ID

- Non-slip surface and easy to stack
- Optimized ratio of weight and carrying through computerassisted profile optimization
- Steel caps 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	115,90
1,09	0,32	5,10	6	18	012324	121,80
1,40	0,32	6,30	6	18	012325	124,70
1,57	0,32	6,90	6	18	012326	128,10
2,07	0,32	8,80	6	18	012327	151,10
2,57	0,32	10,70	5	18	012328	173,30
3,07	0,32	12,50	4	18	012329	199,80





# **ALUMINUM DECK WITH STEEL CAPS - UC**

- Non-slip surface and easy to stack
- Optimized ratio of weight and carrying through computerassisted profile optimization
- Steel caps 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	131,80
1,09	0,61	8,80	6	18	006627	154,60
1,40	0,61	11,90	6	18	006629	176,10
1,57	0,61	13,40	6	18	006631	175,00
2,07	0,61	14,50	6	18	006632	212,00
2,57	0,61	17,10	5	18	006633	250,40
3,07	0,61	20,30	4	18	006634	284,50



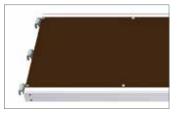


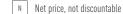
# **COMBI DECK WITH PLYWOOD PANEL**

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

Length (m)	Width (m)	Weight (kg)	Load class	PU (pcs.)	Article no.	Price (€)
0,73	0,61	6,30	3	14	000479	112,60
1,09	0,61	8,40	3	14	003195	126,20
1,57	0,61	13,20	3	14	000481	150,20
2,07	0,61	17,00	3	14	000482	167,50
2,57	0,61	20,00	3	14	000483	191,10
3,07	0,61	23,00	3	14	000484	226,00



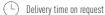










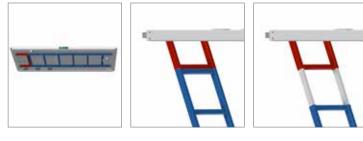


#### **COMBI ACCESS DECK**

ID

- 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	415,80
2,57	0,61	23,70	4	14	000486	423,80
3,07	0,61	26,70	3	14	000488	473,00

# **COMBI ACCESS DECK WITH ALUMINUM DECK OPEN TO SIDE**



- With non-slip deck aluminum
- With integrated aluminum ladder
- Access flap made of currugated sheet metal, 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	473,30
3,07	0,61	27,20	3	14	006523	522,90



#### **COMBI ACCESS DECK WITH PLYWOOD DECK**

ID

- 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 connection 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	359,10
3,07	0,61	29,00	3	14	000494	409,50



# **COMBI ACCESS DECK WITHOUT LADDER**

- With non-slip deck aluminum
- Without integrated ladder
- Access flap made of currugated sheet metal, open to the side
- Head profiles and optimized connection claws from steel, hot dip galvanized

Length (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
1,09	0,61	11,80	14	011480	244,70
1,57	0,61	11,00	14	009079	279,90
2,07	0,61	17,50	14	000490	295,70
2,57	0,61	20,00	14	002250	346,40
3,07	0,61	25,00	14	000489	394,00



# **ACCESS LADDER ALUMINUM**

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

Length (m)	Width (m)	Weight (kg)	Article no.	Price (€)
2,16	0,40	3,00	001323	80,70



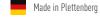
# **ACCESS LADDER STEEL**



- Hot dip galvanized
- As a separate ladder for the inside scaffold climbing
- With hook for safe mounting to the access decks



Length (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,16	0,40	10,50	80	000172	79,90





Net price, not discountable



BG Grant BG BAU



# **ALUMINUM STAIRS WITH PLATFORM**

ID

- For bay height 2.00 m
- Scaffold stairway for the planned construction with facade scaffold
- For quick and safe mounting of the levels
- The steps are designed in a non-slip manner and allow comfortable outside access for extensive use of scaffold and when transporting material, without reducing the work surface in the main walkway
- Evenly distributed line load p=2.5 kN/m2
- $-\,$  Single load distributed on 0.2 x 0.2 m2 F=1.5 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	524,60
3,07	3,65	0,64	28,00	10	000420	639,60

Individual customer identification possible.





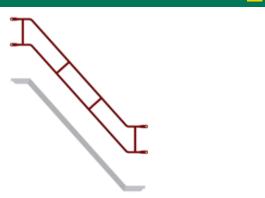


OPTIMA CLIMB UP

#### **OUTSIDE STAIRCASE HANDRAIL**

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

Field (m)	Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2,57	3,25	14,90	40	007580	154,10
3 N7	3 65	16.70	40	N125N9	165 90



# **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	137,80
2 25	11.50	22	20	NN6942	137.80



### **ROUND INSIDE GUARD RAIL**



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

Weight (kg)	PU (pcs.)	Article no.	Price (€)
5.80	40	009276	69.60



#### **ALUMINUM BEGINNING STAIR 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 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	340,70
1.50	1.75	0,64	18,60	15	009945	487.40





# STAIRCASE HANDRAIL FOR PLATFORM STAIRS

- Steel, hot-dip galvanized
- $-\;$  For aluminium beginning stairs with platform 1.00 m / 1.50 m
- For easy mounting on overhanging threaded rod including connection with half-coupler



Weight (kg)	Article no.	Price (€)
11,50	014964	135,70

# **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	93,80

# **CORNER DECK**



- Steel, hot dip galvanized
- As an addition to system decks in the inner corner area
- Non-slip deck



Model	Length (m)	Width (m)	Weight (kg)	Article no.	Price (€)
1-board	0.32	0.32	4.45	013862	89,20



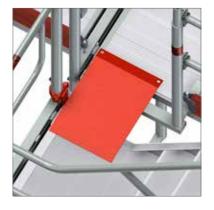
OPTIMA **GAP COVERS** 

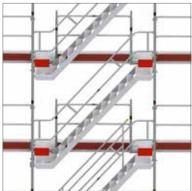
# **GAP COVER WITH HALF COUPLER**

- 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	45,80
0,60	0,38	6,20	50	008256	71,60









# **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

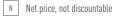
Model	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
2-board	0,61	8,50	50	007731	70,30
3-board	0,94	20,50	50	014230	226,40



















# **GUARD RAIL**

- Steel tube  $\emptyset$  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	18,20
1,09	2,00	100	011959	18,80
1,29	2,40	100	011960	19,50
1,40	2,60	100	011961	20,10
1,54	2,80	100	011962	21,20
1,57	2,90	100	011963	20,00
2,07	3,80	100	011964	20,50
2,57	4,70	100	011965	21,90
3,07	5,50	100	011966	23,30
4,14	12,30	100	013183	42,40





OPTIMA



# **DOUBLE END GUARD RAIL**

- Steel, hot dip galvanized
- As double side protection on the front sides

Width (m)	Weight (kg)	A/F	PU (pcs.)	Article no.	Price (€)
0,73	4,40	22	25	011991	49,80
1,09	5,30	22	25	011990	54,80



# **CORNER SWIVEL PIN**

- Steel, hot dip galvanized
- For mounting the side protection in corner areas
- No tools required for installation





Weight (kg)	Article no.	Price (€)
0,30	011248	14,40

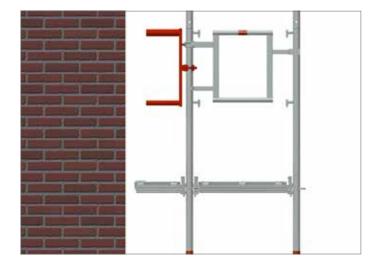


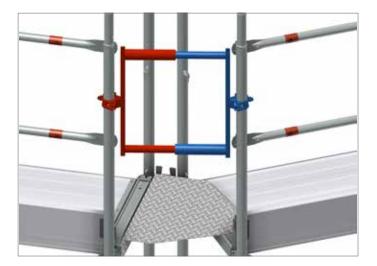
# **END GUARD RAIL 1-BOARD**

- Steel tube, hot dip galvanized
- Double side protection on the front sides
- Can be plugged into each other
- Can be used as side protection for round scaffolds

Weight (kg)	PU (pcs.)	A/F	Article no.	Price (€)
2,60	50	19	009366	29,20







#### **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	16,50
1,09	2,50	80	000538	18,30
1,29	2,80	80	010812	19,40
1,57	3,00	80	000539	20,10
2,07	4,00	80	000540	21,40
2,57	4,80	80	000541	23,10
3,07	6,50	80	000542	25,10



# **END TOE BOARD**



- Impregnated timber
- With galvanized fittings
- For front side protection

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,73	1,50	100	000544	15,00
1 00	2 በበ	100	000572	17 20



# **INDIVIDUAL COLOURS AND PRINTING ON REQUEST**

# **ALUMINUM TOE BOARD**



- Aluminum
- Galvanized steel fittings
- For mounting in the toe board pins of the frame as a component of the full, three-part side protection

Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,73	1,50	80	010142	29,30
1,09	2,00	80	010143	35,10
1,57	2,80	80	010144	40,90
2,07	3,60	80	010145	51,00
2,57	4,40	80	010146	60,80
3,07	5,20	80	010147	70,80
4,14	6,90	80	014000	81,00



OPTIMA **BRACKETS** 

# **PROTECTIVE WALL BRACKET U-SUPPORT**



- With perforated disc connection
- With tube connector
- For widening by two system lengths

Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,73	8,60	50	012220	132,60





#### **NETTING FOR ROOF GUARD SCAFFOLDS AND SIDE GUARDS**

- As per DIN EN 1263-1 and DIN 4420
- The quick and easy way to a safe protective barrier

Colour	Length (m)	Width (m)	Weight (kg)	Article no.	Price (€)
green	10,00	2,00	5,00	000195	59,30



# **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	40,20





#### **DECK FASTENING**

- Steel, hot dip galvanized
- Suitable for roof guard extension
- Suitable for frame bracket 0.73 m (Article no. 000589)

Model	Weight (kg)	Article no.	Price (€)
2-board	2,00	000590	52,90











#### **BRACKET LEDGER U-SUPPORT**

- Steel, hot dip galvanized
- Without tube connector
- With one wedge head connection
- With integrated lift-off protection
- To extend scaffold with serial UNI-CONNECT decks



Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,22	1,40	-	011691	26,90
0,32	1,80	20	012124	33,00

# **BRACKET U-SUPPORT WITH TUBE CONNECTOR**

ID

- Steel, hot dip galvanized
- With tube connector
- With one wedge head connection
- To extend scaffold with serial UNI-CONNECT decks



Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,39	3,90	100	002223	42,10
0,73	6,30	20	002224	52,00

# **BRACKET U-SUPPORT**



- Steel, hot dip galvanized
- Without tube connector
- With one wedge head connection
- With integrated lift-off protection
- To extend scaffold with serial UNI-CONNECT decks



Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0.73	6.50	20	007309	48.40



EN

#### **STANDARD COUPLER**



- Robust model
- For right-angled connection of tubes of Ø 48.3 mm
- Class BB, EN 74-1
- 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	7,80
Standard	19	1,15	25	000326	7,80
Quick	22	1,15	25	007521	8,40
Quick	19	1.15	25	007523	8.40



#### **SWIVEL COUPLER**

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

Thread	A/F	Weight (kg)	PU (pcs.)	Article no.	Price (€)
Standard	22	1,35	25	000328	8,30
Standard	19	1,35	25	000329	8,30
Quick	22	1,35	25	007522	8,80
Quick	19	1,35	25	007524	8,80



# SPARE PARTS CAN BE FOUND IN OUR PRICE LIST "ACCESSORIES".

#### **SCAFFOLD TUBE STEEL**

EN

- S235 Steel, hot dip galvanized
- Measurements as per EN 39
- Manufacturing length 6.00 m
- Minimum yield strength 235 N/mm2
- Connection of standard couplers allowed
- Special lengths on request

Model (mm)	Length (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
48,3 x 3,2	1,00	3,77	61	004548	13,20
48,3 x 3,2	2,00	7,54	61	004550	25,90
48,3 x 3,2	3,00	11,31	61	004552	38,80
48,3 x 3,2	4,00	15,08	61	004554	52,20
48,3 x 3,2	5,00	18,85	61	005619	65,30
48,3 x 3,2	6,00	22,60	61	004087	75,00



#### **SWIVEL PIN CONNECTION**

- Steel, hot dip galvanized
- With wedge head connection
- With swivel pin connection

Weight (kg)	Article no.	Price (€)
0,70	013419	20,00



# **WEDGE HEAD COUPLER FIXED**

EN

- Steel, hot dip galvanized, drop-forged
- With screw cap
- For connection of scaffold tubes to the perforated disc

A/F	Weight (kg)	PU (pcs.)	Article no.	Price (€)
22	1,10	25	005859	25,70
19	1.10	25	005858	25.70



#### **WEDGE HEAD COUPLER FIXED PARALELL**



- Steel, hot dip galvanized, drop-forged
- $\boldsymbol{-}$   $\,$  For connection of scaffold tubes to the perforated disc

A/F	Weight (kg)	PU (pcs.)	Article no.	Price (€)
19	1,10	25	009947	24,20
22	1,10	25	009948	24,20



# **SVIWEL WEDGE HEAD COUPLER**



- Steel, hot dip galvanized, drop-forged
- With screw cap
- For connection of scaffold tubes to the perforated disc

A/F	Weight (kg)	PU (pcs.)	Article no.	Price (€)
22	1,20	25	005861	28,90
19	1,20	25	005860	28,90



OPTIMA COUPLERS

#### **WEDGE HEAD COUPLER DOUBLE**

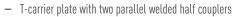
- Steel, hot dip galvanized





Width (m)	Weight (kg)	Article no.	Price (€)
0,15	1,20	011125	25,70

# **BASIC COUPLER**



- To bear vertical loads of scaffold constructions
- To be mounted directly on the facade
- Holes in the T-carrier plate for the use of M12 screws
- Basic structural analysis available
- Extensive lattice beam constructions are no longer necessary





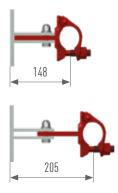
A/F	Weight (kg)	Article no.	Price (€)
22	3,60	003247	48,90
19	3,60	004591	48,90

# **BASIC COUPLER ADJUSTABLE**

- T-carrier plate with two parallel welded half couplers
- To bear vertical loads of scaffold constructions
- To be mounted directly on the facade
- Holes in the T-carrier plate for the use of M12 screws
- Basic structural analysis available
- Extensive lattice beam constructions are no longer necessary
- Adjustable for wall distances from 148 205 mm
- With four fixing holes

A/F	Weight (kg)	Article no.	Price (€)
22	5,00	009137	70,40







#### **SWIVEL PIN COUPLER**



- Steel, hot dip galvanized, drop-forged
- Half coupler with welded swivel pin for attaching additional back guard rails,
   e. g. on the inside of the scaffold

Thread	A/F	Weight (kg)	Article no.	Price (€)
Normal	22	0,80	000134	9,90
Normal	19	0,80	002354	9,90
Quick	22	0,81	007436	10,40
Quick	19	0,81	008202	10,40



# PERFORATED DISC CLAMPABLE

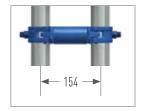
— Ensures the possibility of mounting at the desired position along a standards or tubes  $\emptyset$  48.3 mm



A/F	Weight (kg)	PU (pcs.)	Article no.	Price (€)
22	0,95	25	002229	36,70
19	0.95	25	004587	36.70

# **DISTANCE COUPLER**

- Steel tube Ø 48.3 mm
- With two welded couplers, galvanized
- E. g. as connection between facade scaffold and a forward-placed stair ascent



Width (m)	A/F	Weight (kg)	Article no.	Price (€)
0,110	22	1,60	008225	26,00
0,154	19	1,80	008297	26,30
0.180	22	2.00	000233	27.10



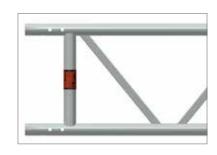
OPTIMA LATTICE BEAMS

# **LATTICE BEAM STEEL**



- $-\,\,$  Steel tube Ø 48.3 mm, hot dip galvanized
- Load depends on span according to the separate load table

Length (m)	Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
3,20	0,40	30,00	25	000108	198,50
4,20	0,40	39,00	25	000109	245,80
5,20	0,40	50,00	25	000110	297,80
6,20	0,40	58,00	25	000111	335,40
7,60	0,40	72,00	25	000112	496,30



# **LATTICE BEAM ALUMINUM**



- Aluminum tube Ø 48.3 mm
- Load depends on span according to the separate load table

	Length (m)	Height (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
	3,20	0,40	12,00	25	000255	234,00
	4,20	0,40	15,00	25	000257	291,00
	5,20	0,40	20,00	25	000258	348,00
	6,20	0,40	23,00	25	000259	390,10
	8,10	0,40	31,00	25	000261	550,00





# **TUBE CONNECTOR FOR LATTICE BEAMS**



- Steel, hot dip galvanized
- For the continuous extentions of lattice beams

Model	Weight (kg)	Article no.	Price (€)
Straight	1,30	003588	30,50



# **BOLT WITH CUTTER PIN**



- Screw-free connection of lattice beams
- $-\,\,$  Replaces usual screws M 12 x 60 mm there by reducing the assembly time
- Consisting of cotter pin (article no. 002232), bolt (article no. 002235) and washer (article no. 002964)
- All articles are also available separately

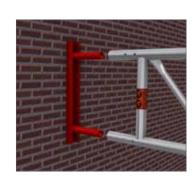
Weight (kg)	Article no.	Price (€)
0,09	002237	3,00



# **WALL CONNECTION FOR LATTICE BEAM**

- Steel, hot dip galvanized
- For fastening to the wall, e. g. for bridging constructions
- For lattice beams with 400 mm construction height





Gewicht (kg)	ArtNr.	Preis (€)
3,50	000170	78,00

# **LATTICE BEAM BASE PLATE**

- Steel, hot dip galvanized
- Movable
- Use in connection with a decking transom, for further extensions of scaffold pattern when bridging with lattice beams

Weight (kg)	Article no.	Price (€)
6,00	000235	93,60





#### **TUBE CONNECTOR WITH HALF COUPLER**

- Steel, hot dip galvanized
- Screw fitting for lattice beams. tube or ledger

Length (m)	Weight (kg)	A/F	Article no.	Price (€)
0,30	1,80	22	000223	27,60
0,30	1,80	19	000222	27,60





# **WALL TIE**

- Steel tube ∅ 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	13,00
0,40	1,80	000242	14,40
0,50	2,00	000125	15,10
0,60	2,60	000241	16,40
0,80	3,20	000129	18,40
1,00	3,80	000127	20,40
1,30	4,80	000131	21,40
1,50	5,50	000132	24,70
1,80	6,70	000133	29,60



# **EYE BOLT Ø 12 MM**

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

Length (m)	Thread Lenght (mm)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
90	54	0,155	150	000358	1,50
120	65	0,175	150	000359	1,70
160	58	0,210	100	000360	1,90
190	65	0,235	100	000363	2,10
230	65	0,265	100	000361	2,20
300	65	0,300	50	002374	2,50
350	65	0,364	50	000362	2,70
400	65	0,424	50	006333	6,00
450	65	0,468	50	007555	6,20
500	65	0,530	50	002983	7,50



# **PLASTIC CAP**

- For closing anchor drill holes

Colour	Weight (kg)	PU (pcs.)	Article no.	Price (€)
natural	0,003	100	000651	0,20
black	0,003	100	010353	0,20



# **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	0,40
0,10	0,007	100	011158	0,40



# **MJ-SCAFFY**

- Screw-in aid for eye bolts
- With socket A/F 22 (for standard ratchet wrenches)
- With 3/4 inch square socket
- With SDS drill adapter



Weight (kg)	Article no.	Price (€)	
0,374	012600	70,60	





#### PROTECTION WALL PROFILE ALUMINUM

- Aluminum profile
- For setting up a robust wall system for partitions between the construction site and the surrounding area
- Any plank, commercially available ISO panels or other panels up to 5.5 cm thick can be used

Length (m)	Weight (kg)	Article no.	Price (€)
2,00	12,9	011647	168,60





#### **HOLDER FOR PROTECTION WALL PROFILE**



- With half coupling
- Movable couplers connection points for every scaffold situation

Weight (kg)	Load class	Article no.	Price (€)
1,90	22	011662	32,30





#### **SPECIAL SCAFFOLDING TAPE**

- Self-adhesive special tape
- BASt certified
- For metallic and polyotine substrates
- Retroreflective sheeting according to RSA for inner-city use traffic space in the area of sidewalks and bike paths
- Red / white blocks
- On rolls of 50 m each
- Width optimized for protection wall profile aluminum

100 2,40 012570 116,00	Width (mm)	Weight (kg)	Article no.	Price (€)
	100	2,40	012570	116,00



# **WARNING AND PROTECTION BEACON**

- For securing scaffolding on walkways and cycle paths
- Aluminum profile for vertical and horizontal use, with two rotatable couplers on the rear side
- With retroreflective, BASt-certified foil according to RSA for inner-city traffic areas in the area of walways and cycle paths

Length (m)	Width (mm)	Weight (kg)	Article no.	Price (€)
1.50	0.15	4.90	013903	109.50

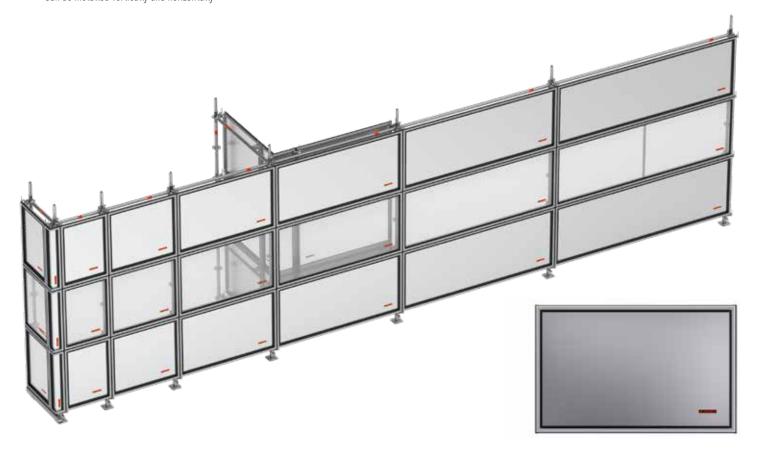






The system free safety enclosure OPTI-BOARD is the answer to many questions that you may ask yourself when planning your construction site with regard to environmental and noise protection. When renovating or building, the construction site enclosure protects employees and passers by from noise, dust 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 use in the UNI, UNI-CONNECT, UNI TOP, COMBI and OPTIMA systems
- Can be installed vertically and horizontally



WALLCASS	SETTE SHEE	Т			
Width	Height	Weight (kg)	PU (St.)	Article-no.	Price (€)
0,50	1,00	5,50	14	012064	172,50
0,73	1,00	6,85	14	012076	164,20
1,00	1,00	8,70	14	012065	198,50
1,09	1,00	9,20	14	012077	188,80
1,57	1,00	12,30	14	012078	218,80
2,07	1,00	15,50	14	012079	258,80
2,57	1,00	18,70	14	012080	278,80
3,07	1,00	22,50	14	012081	337,10

WALLCASS	SETTE LIGHT	Г			
Width	Height	Weight (kg)	PU (St.)	Article-no.	Price (€)
0,50	1,00	4,30	14	012070	189,70
0,73	1,00	5,30	14	012082	180,70
1,00	1,00	6,45	14	012071	224,80
1,09	1,00	6,80	14	012083	213,90
1,57	1,00	8,90	14	012084	295,60
2,07	1,00	11,00	14	012085	345,70
2,57	1,00	13,20	14	012086	406,10
3,07	1,00	15,75	14	012087	446,10

# **INSIDE CORNER FOR WALLCASSETTE**





Width	Height	Weight (kg)
0,40	1,00	6,85
PU (St.)	Article-no.	Price (€)
20	012088	206.10



Width	Height	Weight (kg)
0,17	1,00	3,90
PU (St.)	Article-no.	Price (€)
50	012089	172,80

# **CASSETTE HOLDER**



System	Weight (kg)	PU (St.)	Article-no.	Price (€)
MODULE	1,00	250	012060	29,40
LEDGER	1,30	250	012061	33,40
TUBE	0,85	300	012062	33,40







012062



#### **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
- Push-on tube with bevel on one side, also available separately (Article no. 005791)

Length (m)	Width (m)	Weight (kg)	PU (pcs.)	Article no.	Price (€)
0,85	0,85	30,50	5	006962	232,20
1,25	0,55	31,80	5	010334	231,90
1,25	0,85	35,00	5	005614	240,20









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







#### KASK INDUSTRIAL CLIMBING HELMET PLASMA Q





- Tested and approved according to EN 397
- With chin strap
- Adjusting wheels allow one quick and easy adjustment to the right size
- With ring for attaching the helmet to a belt

Color	Article no.	Price (€)		
blue	010496	74,60		
white	010497	74,60		
yellow	010498	74,60		
orange	010499	74,60		
red	010500	74,60		
green	010501	74,60		
dark green	010502	74,60		
royal blue	010503	74,60		
black	010453	74,60		



#### **KASK INDUSTRIAL CLIMBING HELMET ZENITH**







- Tested and approved according to EN 397 and EN 50365
- Various settings allow a quick and easy adjust
- With ring for attaching the helmet to a belt

Color	Article no.	Price (€)	
blue	010504	84,70	
white	010505	84,70	
yellow	010506	84,70	
orange	010507	84,70	
red	010508	84,70	
green	010509	84,70	
black	010510	84,70	
yellow orange red green	010506 010507 010508 010509	84,70 84,70 84,70 84,70	



# OTHER PROTECTIVE EQUIPMENT FIND IN OUR PRICELIST 'ACCESSORIES'

OPTIMA ORDER FORM



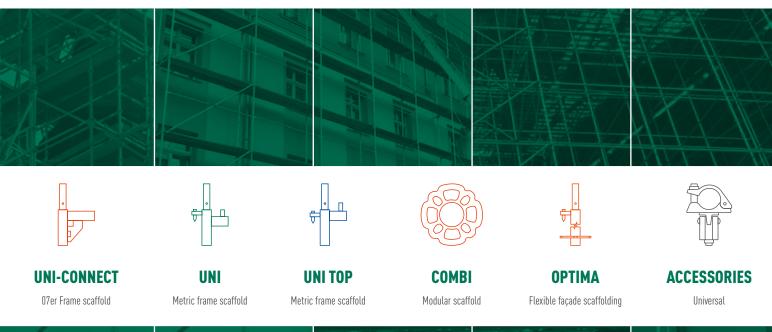
#### SIMPLY FILL OUT THE FORM AND SEND TO

Fax: +49 2391 8105 375 or E-mail: info@mj-geruest.de

Company	Customer no.				
Street	Phone				
Postal code, city, country	Fax				
Name of buyer	E-mail				
□ ORDER □ INQUIRY					
Order/Quotation please send □ by post □ by fax □ by e-mail					
PRODUCT DESCRIPTION	ARTICLE NO.	. QUANTI	TY UNIT PRIC	CE € TO1	TAL VALUE €
			ORDER VA	LUE €	
All prices exclude VAT applicable at the time of shipment. All dimensions an of shipment. Sale is subject exclusively to our sales terms and delivery con accounts are recieved. Our prices are ex work.	nd weights are non-binding approx nditions. In brief: place of busine	ximate values. Technical data is ss and jurisdiction is Plettenbe	subject to change without priorg. Extended reservation of prop	r notice. Prices are charged perty rights until full paymo	as applicable on the day ent of all our outstanding
Date of delivery	Shipping method				
Delivery address:	Freight costs				
Terms of delivery  Terms of payment					
			Stamp/Signature	Stamp/Signature	
	MJ-Consultant		Date		



# SCAFFOLDING MADE IN PLETTENBERG















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