

**PERI UP Rosett Flex**  
The modular system scaffolding  
flexible – safe – fast



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**Important notes:**

Without exception, all current safety regulations must be observed in those countries where our products are used!

The photos used in this brochure were taken at a particular time during planning preparations or at a construction site. Safety or formwork anchor details are therefore not to be taken as a definitive guide to the way the equipment is to be used.

Safety instructions and permissible loads must be observed at all times. Separate structural calculations are required for any deviations from the standard design data.

The information contained herein is subject to technical change in the interests of progress.

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# Quickly erected and safe working areas

## PERI UP fulfils the requirements of the industry

**For use in industry, a scaffolding system must be extremely flexible. At the same time, all working areas which have been erected must fulfil the highest safety requirements and naturally must be assembled very quickly.**

In order to fully meet these three important requirements, the proven PERI UP Rosett modular scaffolding was supplemented with new components. The result is a flexible system scaffold which leaves almost nothing to be desired for scaffolders.

### **PERI UP Rosett Flex provides:**

- Optimal adaptability
- High level of working safety
- Fast assembly



Through the adaptability of the system scaffold, complicated scaffolding assignments are also quickly realized.





Areas for installation and maintenance work are quickly assembled with PERI UP. Decking is only installed in those places where it is actually required.



End-to-end guardrails and toe boards provide high levels of working safety throughout.

# Modular scaffold with new flexibility

## Uniform grid dimensions for maximum adjustment

The main components of the modular scaffold, such as standards, ledgers and decking, have a uniform length and width grid dimension of 25 or 50 cm.

This allows almost any adjustments to be made to suit site conditions which has only been possible up to now with tube and couplers.

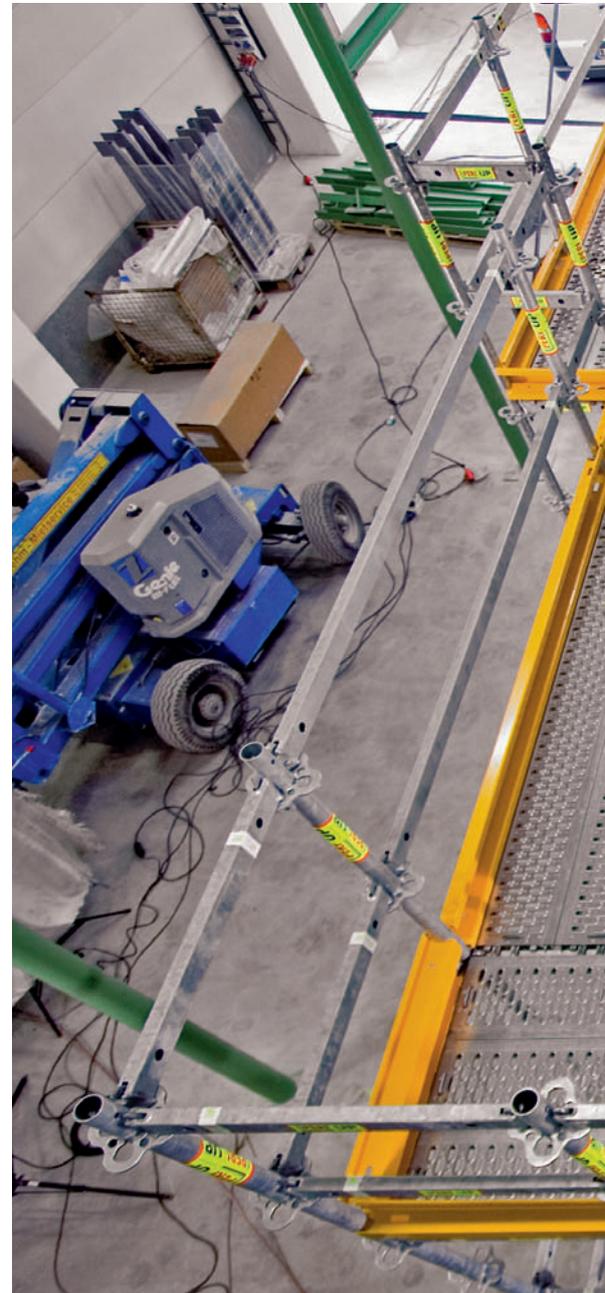
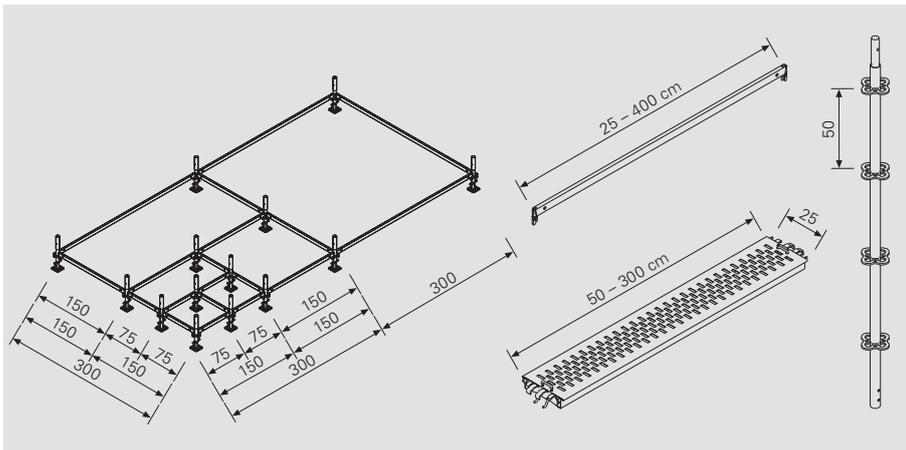
Toe boards with lengths cut according to grid dimensions, border the inner and outer edges of all decking.

Lattice girders and decks are available in different lengths. This means that optimal adjustment to the geometry is possible as well as to the permissible load.



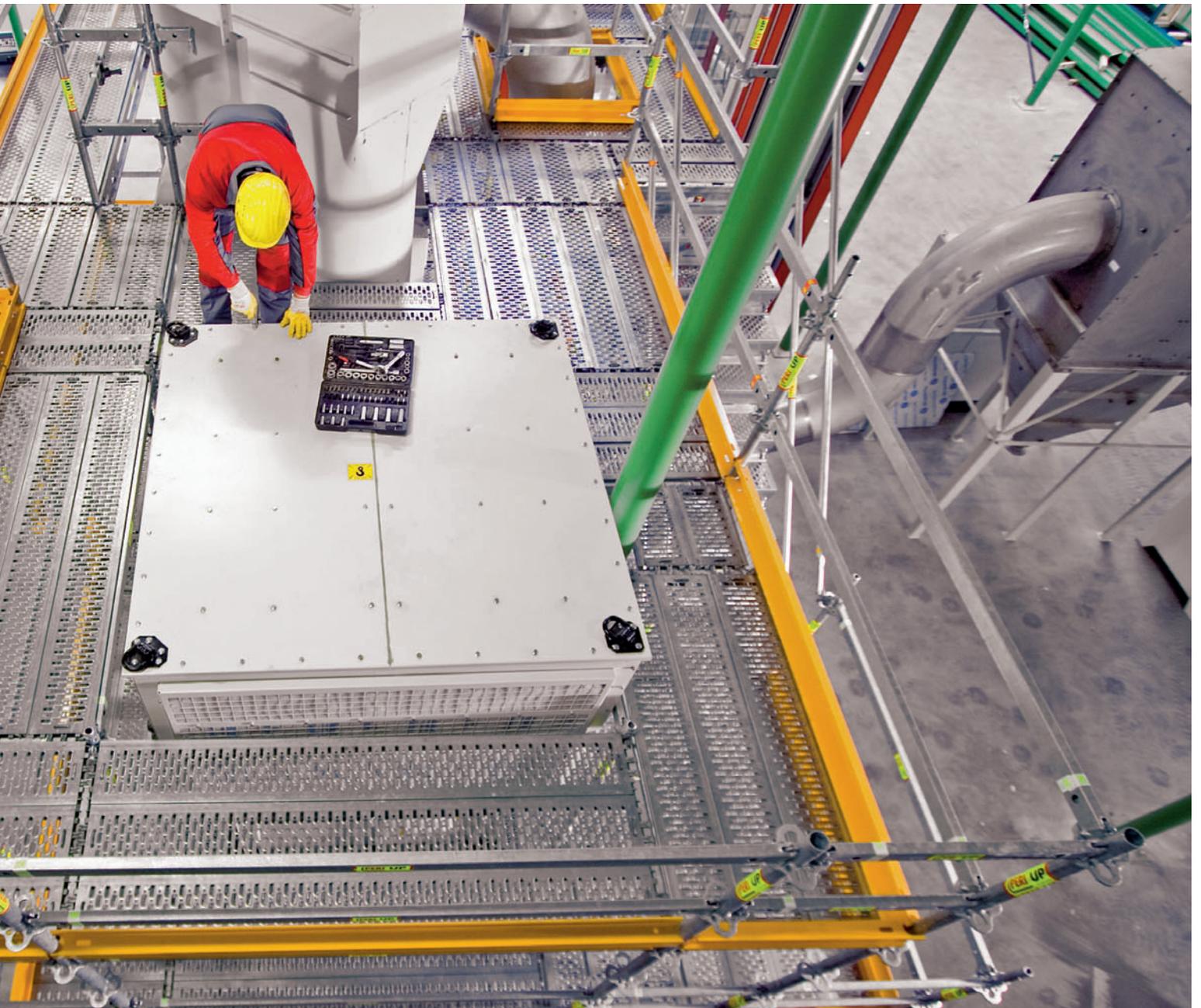
### PERI UP Rosett Flex offers:

- System dimensions of 25 and 50 cm
- Metric grid dimensions for optimal adaptability





Openings and pipe penetrations are circumvented with system decking, guardrails and toe boards.



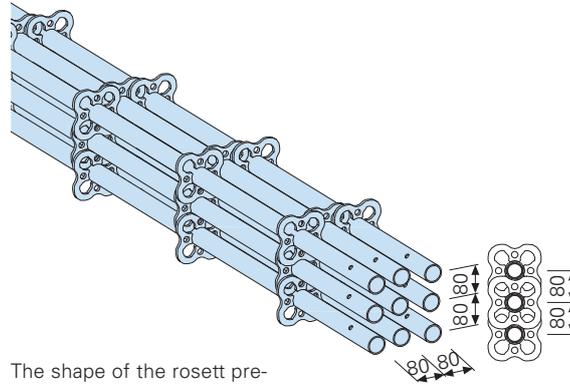
# PERI UP Rosett – a strong node connection

## High load-bearing capacity through high rigidity

The PERI UP nodes provide a maximum of twelve connection possibilities for:

- four ledgers,
- four ledger diagonal braces and
- four node braces.

The high rigidity of the ledger connection allows only small deformations on the standards. This results in high standard loads and it means that braces are not required in many cases – the ledgers provide sufficient reinforcement.

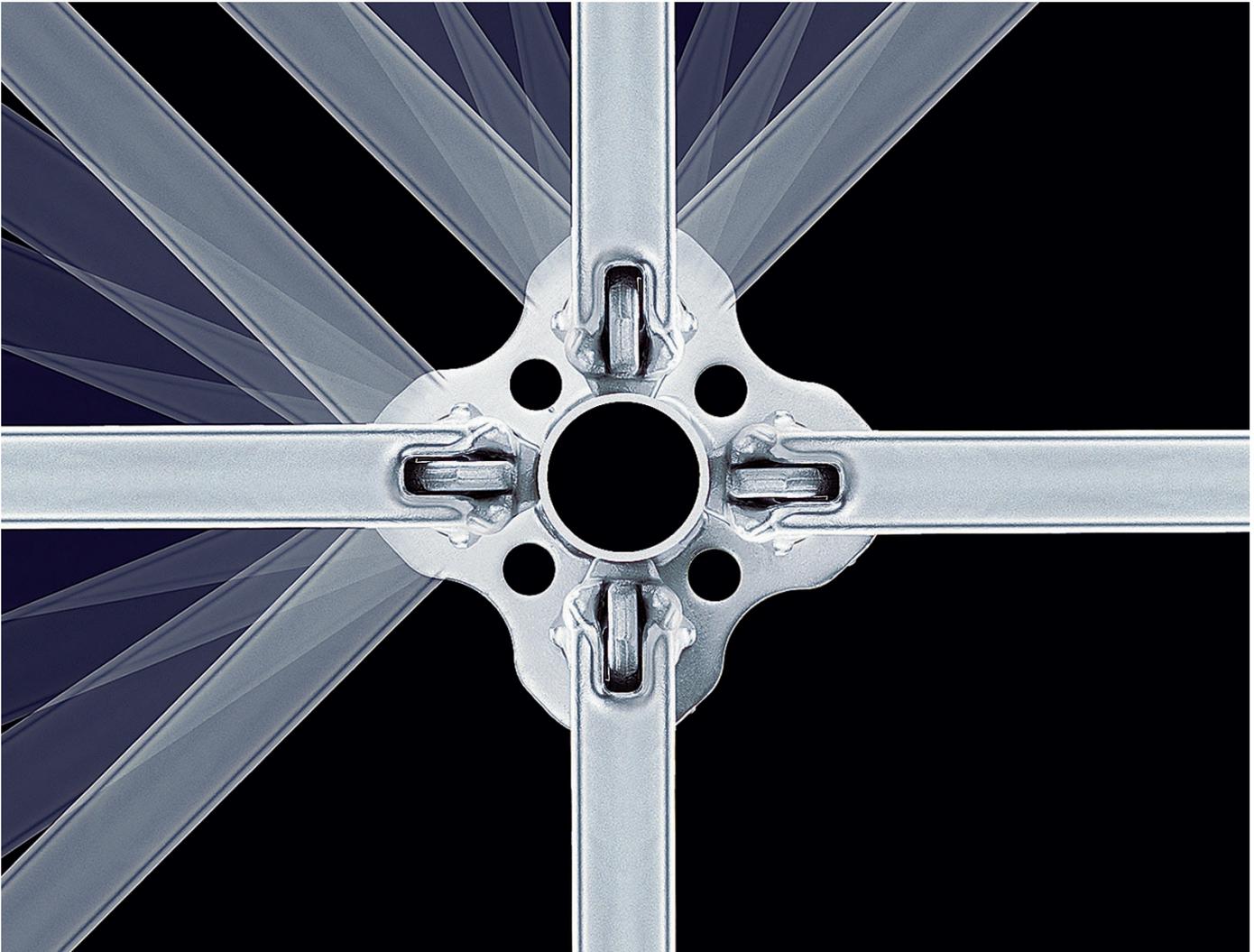


The shape of the rosette prevents the standards from rolling away and makes stacking very easy.



The PERI UP scaffold node has been approved by the Deutsches Institut für Bautechnik.

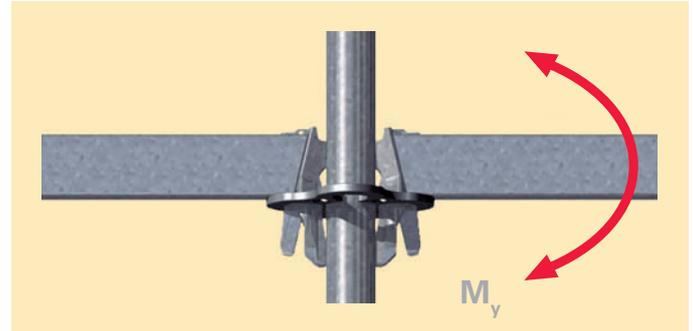
The UP Rosett allows for connecting at up to 45°.



**Design values of the German Technical Approval Z-8.22-863**

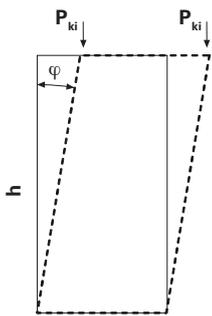
**Ledger moment**

$M_{y,d} = 89.1 \text{ kNcm}$



**Ledger horizontal force**

$N_d = 24.7 \text{ kN}$



$$P_{ki} = \frac{2 \cdot M_y}{h} \cdot \frac{1}{\varphi}$$

The high rigidity of the PERI UP node allows very high leg loads.

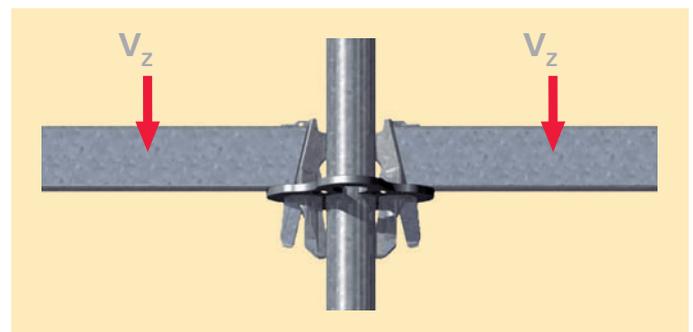
**Ledger shear force**

$V_{y,d} = 11.3 \text{ kN}$



**Ledger shear force**

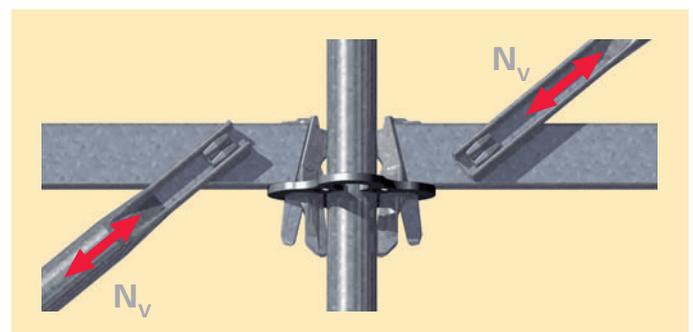
$V_{z,d} = 30.4 \text{ kN}$



Node braces are mainly required for cantilevers.

**Brace force**

$N_{v,d} \leq 9.6 \text{ kN}$



Ledger diagonal braces are inserted directly into the holes of the ledger.

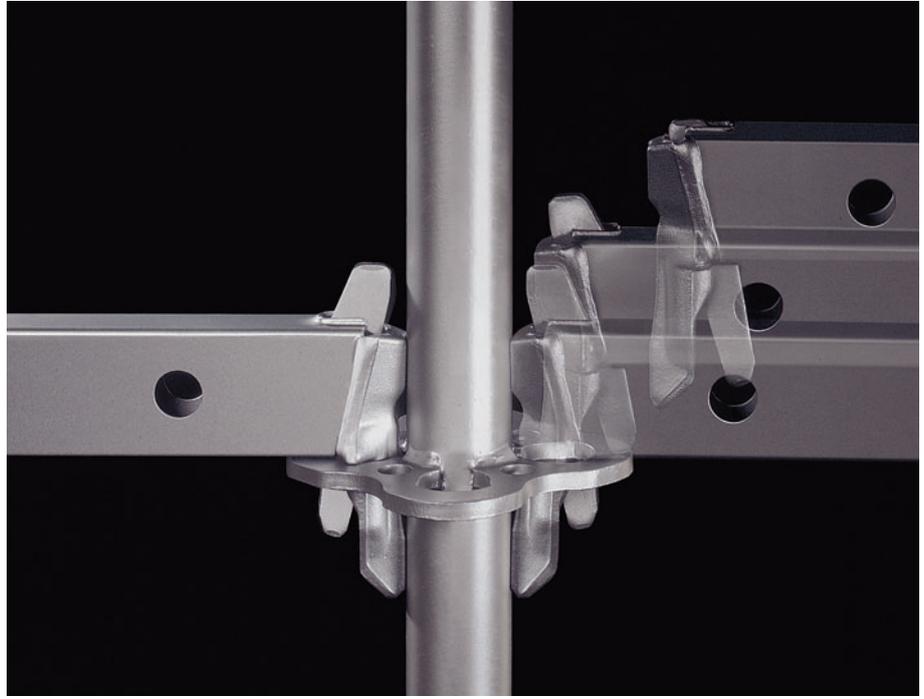
# Ledger with "Gravity Lock"

## Fast, simple and safe

**The PERI UP gravity lock allows easy and safe assembly.**

When inserting the wedge head into the roset, the wedge drops through the force of gravity into the hole and locks.

The rectangular profile of the ledger prevents the assembly of tubes and couplers to parts not suitable.

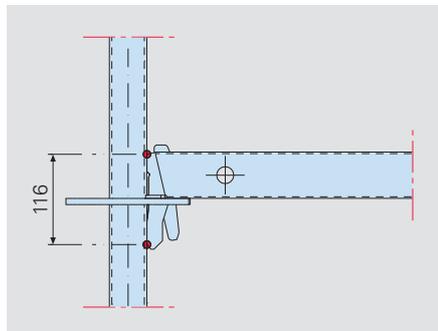


Simple, safe assembly of the UH ledger thanks to PERI UP gravity lock.



Gravity lock, the self-securing ledger connection, rigidly connects the ledger to the roset.

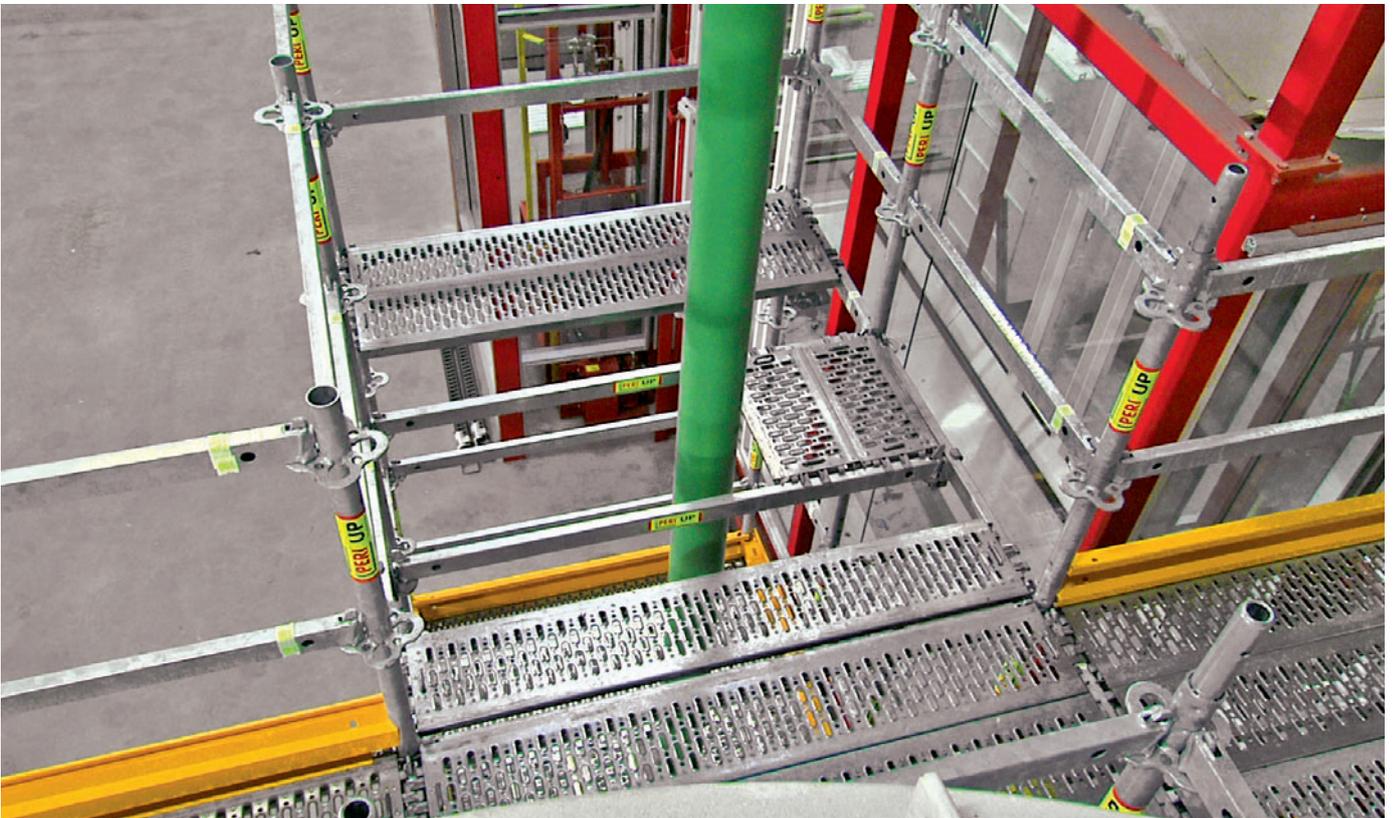
The ledger can be easily installed from a safe position. The wedge drops by gravity and secures automatically.



High node rigidity due to the large pressure point spacing of 116 mm.



The small width of the UH ledger means that up to 4 ledgers can be carried manually at any one time.



**The ledger fulfils several functions:**

- Above the decking it is used as a guardrail.

- On the level of the decking, the same ledger serves as a support for the decks. This means the number of different components is reduced.

# Ledgers for all tasks

## As guardrail or ledger for material storage

**The lengths and type of horizontal components can be selected according to the load.**

All ledgers have a rectangle profile on the top side which is approx. 30 % lighter compared to a round tube with same load-bearing capacity.

For minimum loads and small spans, the standard ledger is sufficient. For higher loads, the reinforced ledger is used.

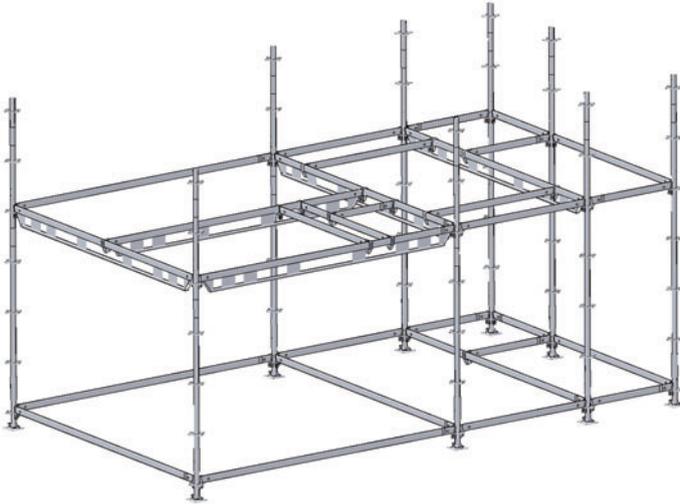
Covering of gaps is not necessary. Each ledger length can be completely covered with system decking.



Platform completely covered with PERI UP system decking.

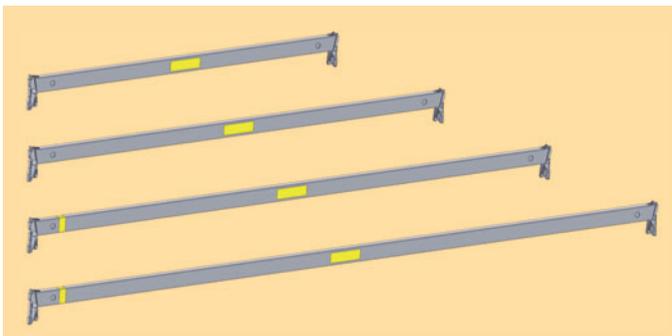


Lightweight ledger used as a guardrail. For platforms, reinforced or standard ledgers are used depending on the load requirements.



**Ledger UH.**

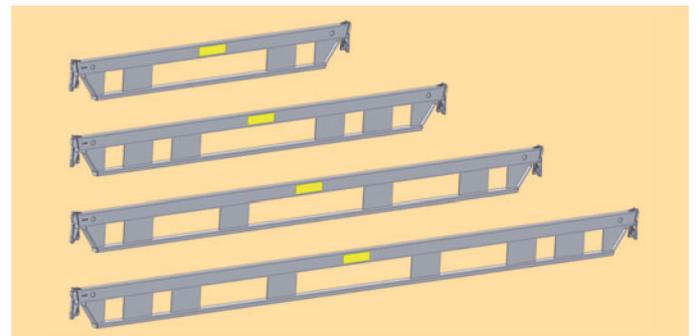
The lightweight UH ledger is available in lengths increments of 25 or 50 cm. This means that all lengths can be used as guardrails as well as decking support.



		Wgt. [kg]	F [kN]	q [kN/m]
<b>UH</b>	<b>25</b>	1.40	–	18.5
	<b>50</b>	2.00	–	18.5
	<b>75</b>	2.60	6.3	18.5
	<b>100</b>	3.40	4.5	9.3
	<b>125</b>	4.00	3.8	6.7
	<b>150</b>	4.80	3.3	4.8
	<b>200</b>	6.10	2.6	2.8
	<b>250</b>	7.50	2.1	1.9
	<b>300</b>	8.80	1.8	1.3
<b>400</b>	11.50	1.4	0.7	

**Reinforced UHV ledgers designed as a lightweight construction.**

The reinforced UHV ledger is the right choice for spans of 1.50 m and more. Depending on the load, there are two versions available.



		Wgt. [kg]	F [kN]	q [kN/m]
<b>UHV-L</b>	<b>250</b>	12.60	6.3*	4.5
	<b>300</b>	15.30	5.8*	3.8
<b>UHV</b>	<b>150</b>	11.10	13.3	19.9
	<b>200</b>	14.80	11.6	13.1
	<b>250</b>	18.00	9.9*	8.5
	<b>300</b>	21.80	9.0*	6.9
*held laterally by the decking or similar				

# Optimized safety and cost-effectiveness

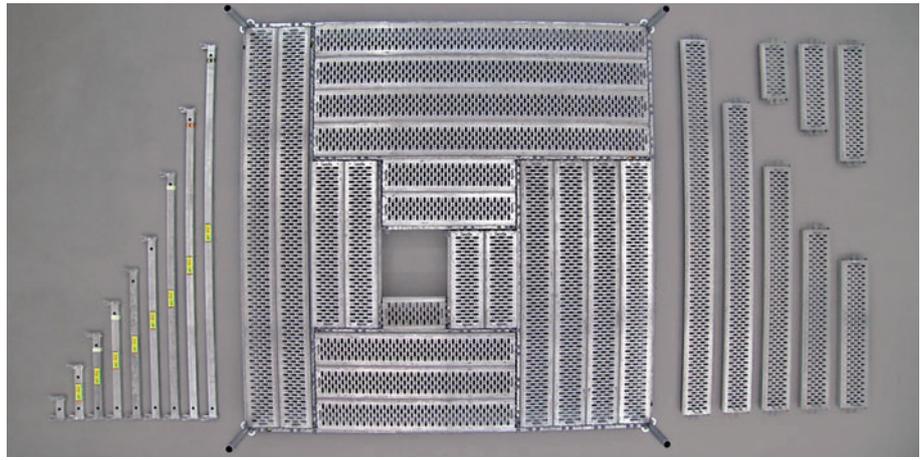
## Scaffold decking with grid system

**For the new PERI UP industrial decks, a system width of 25 cm was selected. Due to this, working platforms are completely covered without any gaps.**

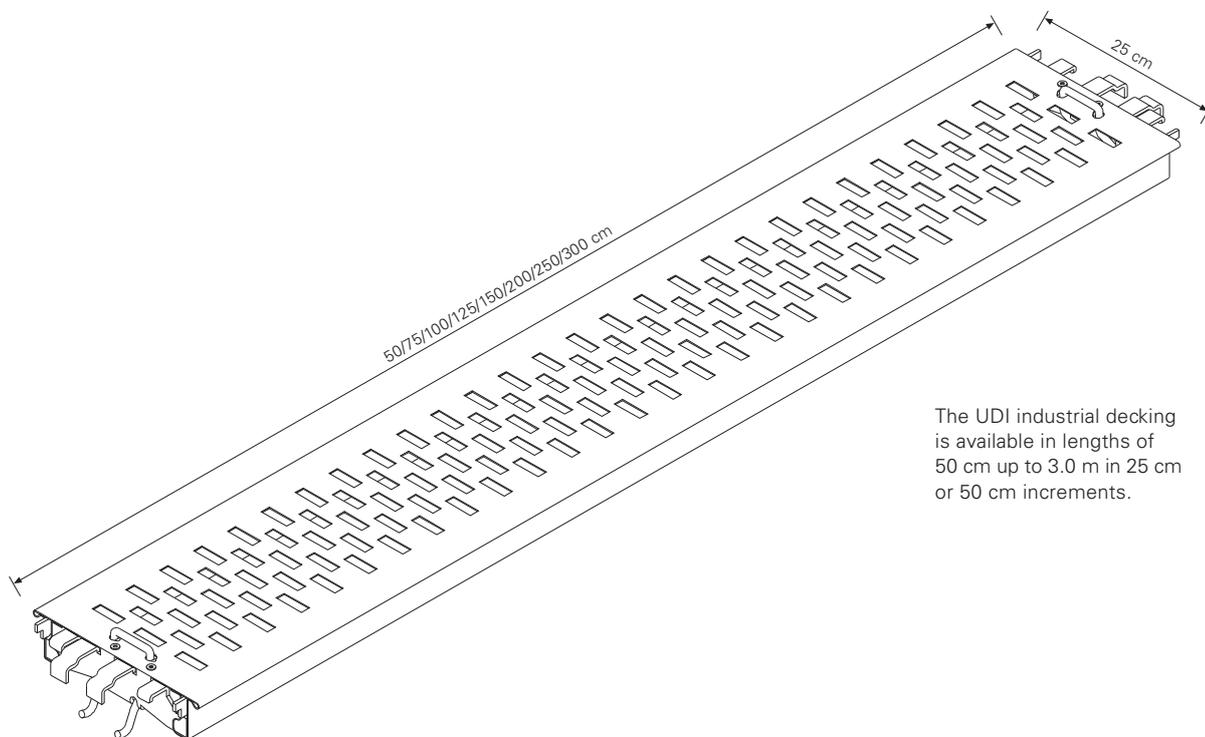
All decks have an integrated lock against lifting as well as a non-slip perforated surface.

The small overall height and specially selected profile cross-section, allow ergonomic transport by hand.

Through the mounting of the ledger between the decks, each field can be divided in order to be able to accommodate props or pipes.



Decking areas can be completely covered. Projecting steel columns can be built around using system components.



The UDI industrial decking is available in lengths of 50 cm up to 3.0 m in 25 cm or 50 cm increments.



The deck is mounted to the profile of the ledger. A separate ledger is not required for the decking.



The clamp of the deck opens when engaged ...



... and is secured through the force of gravity. This means the deck is prevented from lifting.

# Fast assembly of platforms

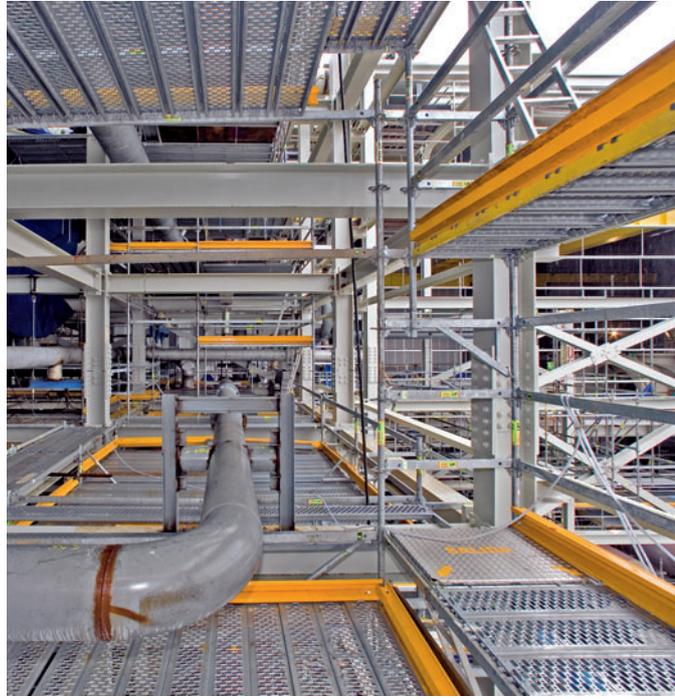
## Decking installed in “almost any position”

Depending on the required direction of the deck span, ledgers are installed as support.

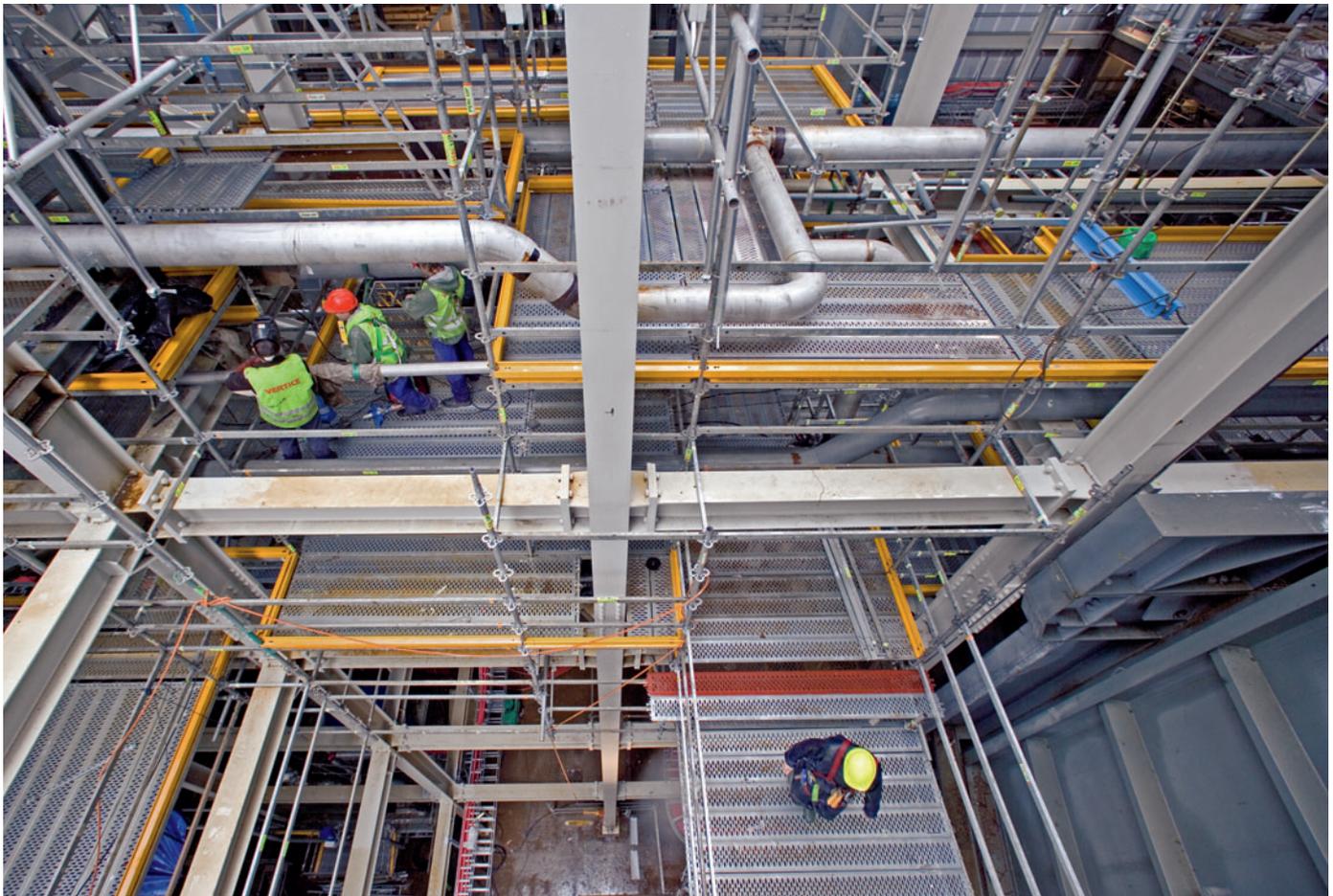
As the ledger fits between two adjoining decks, the most favourable laying direction can always be selected.

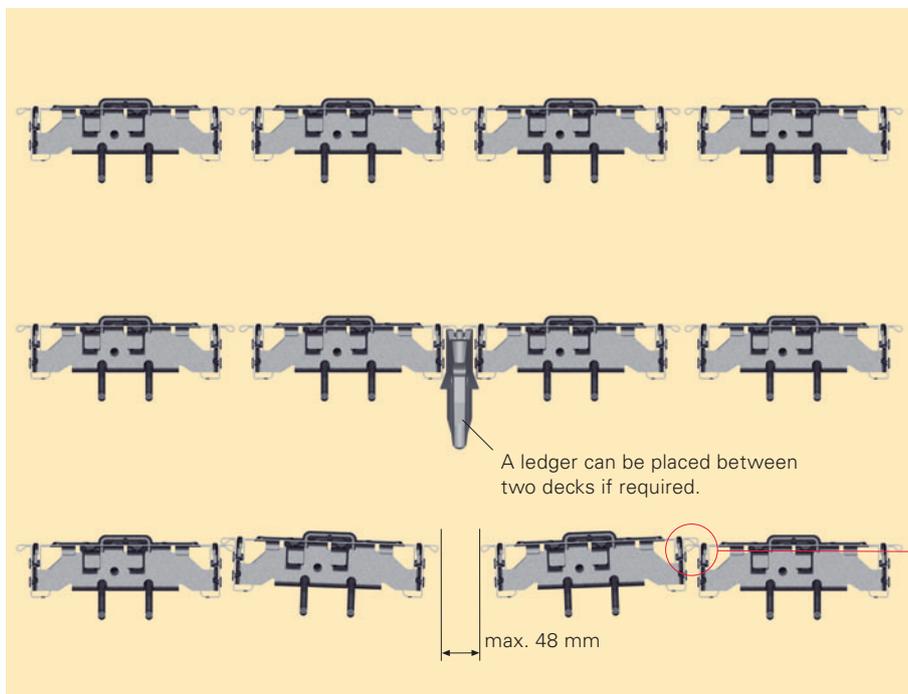
For protruding pipes or diagonals, openings can be created by overlapping the decks.

The tremendous flexibility of the decking is fully utilized, in particular, for complicated industrial plants with guaranteed fast assembly.



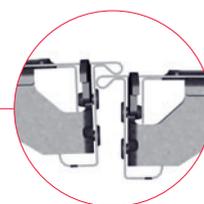
Piping installations can be integrated in such a way so that safe and gap-free working platforms are created.





**The PERI UP industrial decking in detail:**

- Overlapping of decks is possible (erecting past the pipes)
- Complete covering of all levels.
- Deck widths of 25 and 37.5 cm.
- Integrated protection against lifting.
- Non-slip surface.
- Easy to carry and transport (attach to clamp).
- Deck clamp for connecting two decks.



For small openings, decks can be overlapped.

**Loading of UDI steel deck**

Length [cm]	Weight [kg]	acc. to DIN EN 12811-1 Load Class	Perm. load [kN/m <sup>2</sup> ]	max. possible surface load* [kN/m <sup>2</sup> ]
UDI 25 x 50	4.00	6	6.00	40.0
UDI 25 x 75	5.40	6	6.00	26.7
UDI 25 x 100	6.70	6	6.00	20.0
UDI 25 x 125	8.10	6	6.00	16.0
UDI 25 x 150	9.50	6	6.00	13.3
UDI 25 x 200	12.30	6	6.00	10.0
UDI 25 x 250	15.00	5	4.50	8.0
UDI 25 x 300	17.80	4	3.00	6.3
UDI 37,5 x 50	5.10	6	6.00	40.0
UDI 37,5 x 75	6.80	6	6.00	26.7
UDI 37,5 x 100	8.50	6	6.00	20.0
UDI 37,5 x 125	10.20	6	6.00	16.0
UDI 37,5 x 150	11.80	6	6.00	13.3
UDI 37,5 x 200	15.20	6	6.00	10.0
UDI 37,5 x 250	18.50	5	4.50	7.5
UDI 37,5 x 300	21.90	4	3.00	5.2

\*without deflection limitation.

# Safety measures recognizable from afar

## Toe board painted in signal colour



**The toe board borders the working platforms on all sides. Due to the bright signal colour, the completed scaffold can be easily checked at a distance.**

The toe board is always mounted between two vertical scaffold tubes.

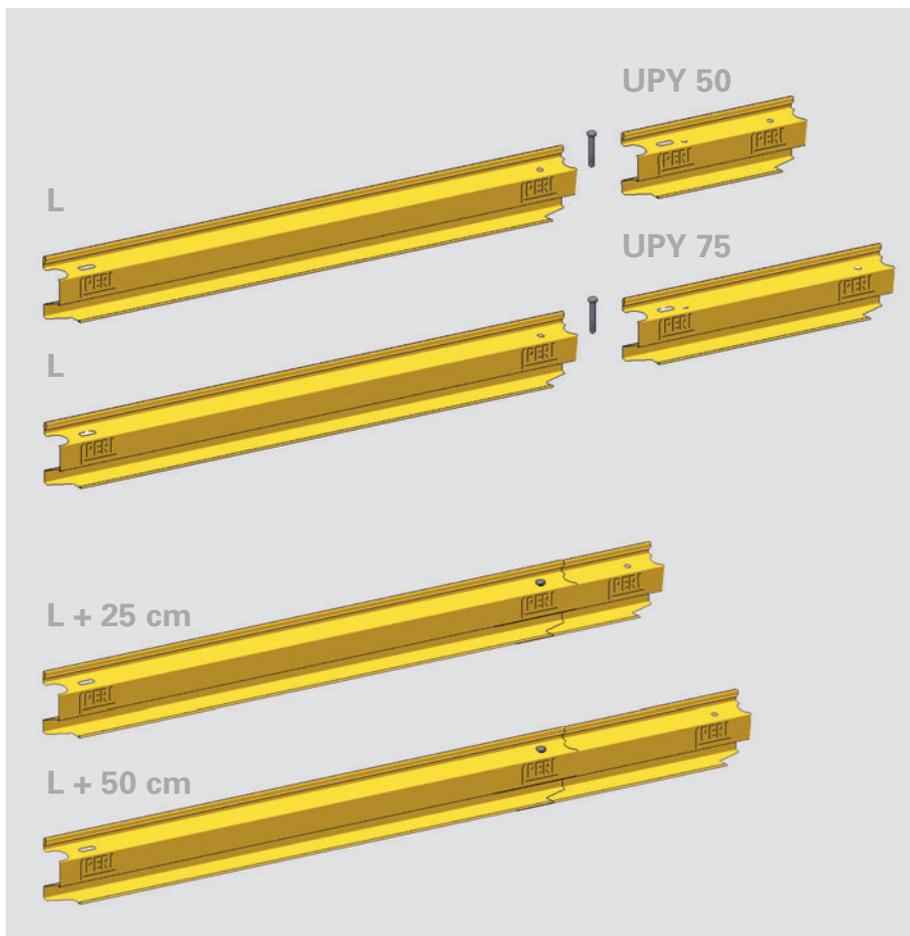
It can also be used over corners – for this, only one of the toe boards has to be turned.

Toe boards do not burn, have a very low weight and can be easily stacked on top of each other.



End-to-end toe boards provide safety on the platforms.

Easy transport due to the lightweight components and simple stacking.



For intermediate lengths, the UPY 50 and UPY 75 boards can be screwed to longer toe boards.



The hatch of the access opening is also able to be opened even with end-to-end toe boards.

# Small additional components with big effects

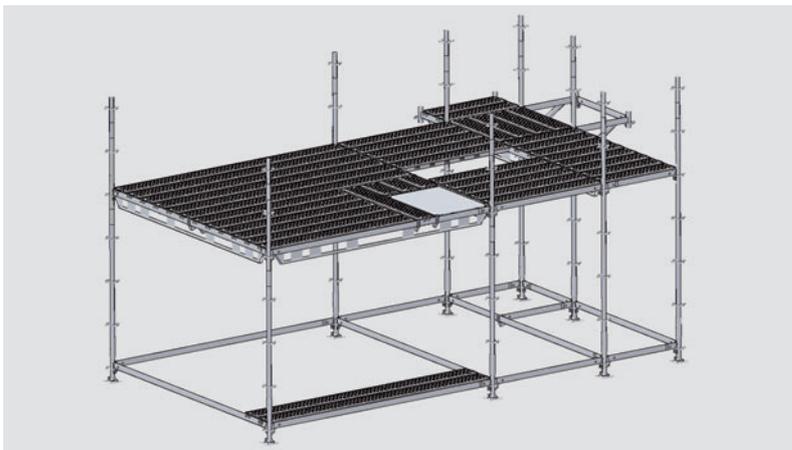
## PERI connections ensure flexibility

**With the PERI connections, ledgers (ledger-to-ledger) or standards (standard-to-ledger) can be attached to the available ledgers.**

Assembly is simple: ledgers are divided so that the industrial decking as well as the standards can be arranged as required.

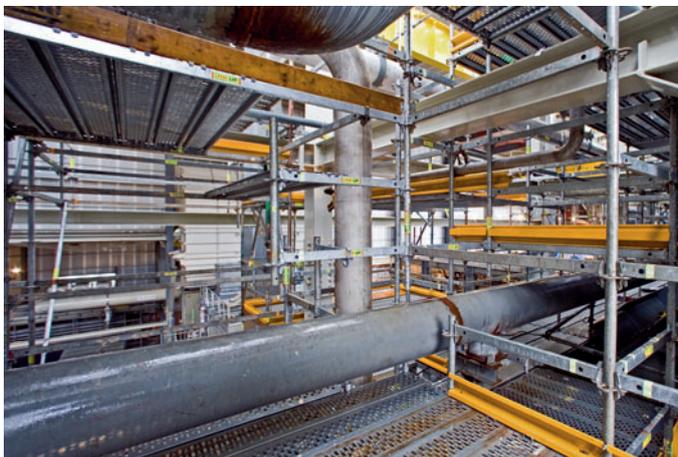
Opening can be very easily accommodated with system components.

The decking can be moved up very closely to the obstruction, the edges of the decks are then secured with guard-rails and toe boards.

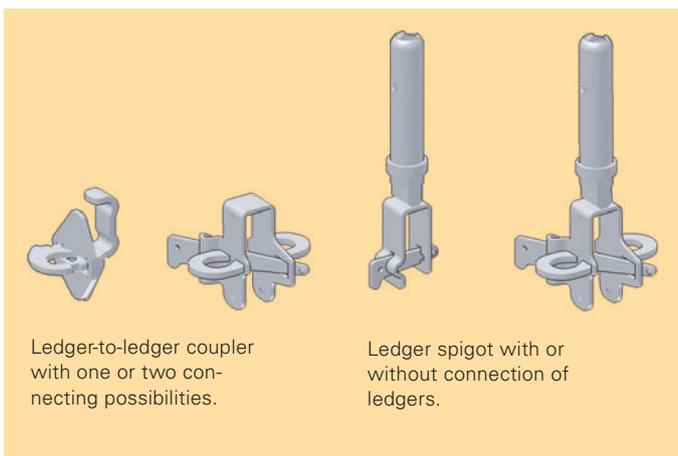


Erecting around pipe installations. No problem with PERI connecting parts.

Decks can be arranged as required around openings.

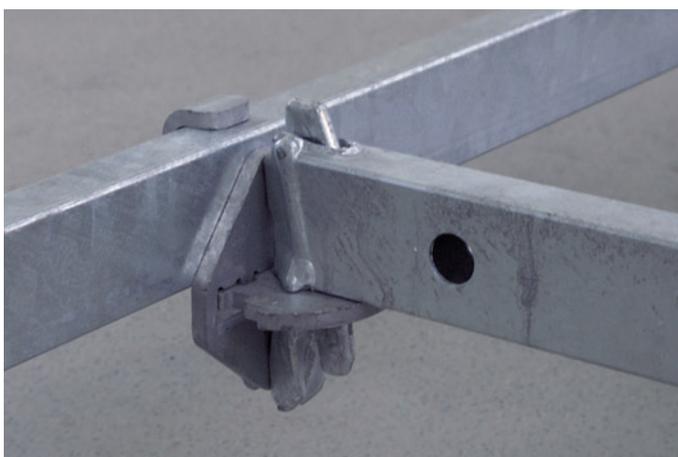


Guardrails and toe boards can be adapted to suit site conditions.



Ledger-to-ledger coupler with one or two connecting possibilities.

Ledger spigot with or without connection of ledgers.



Ledger-to-ledger connecton.



Standard-to-ledger connection.

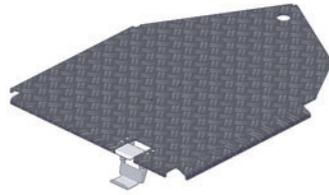
# Ledger to ledger coupler makes scaffolding easier

## Circular container with continuous side protection

**Circular structures frequently require the use of tube and couplers. With Rosett Flex, the complete scaffolding can be carried out with system components. This results in a clear reduction in assembly times.**

On the outer side of the scaffold, side protection is mounted consisting of guardrails and toe boards in the grid system.

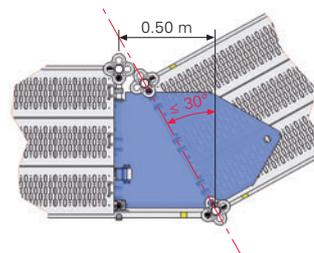
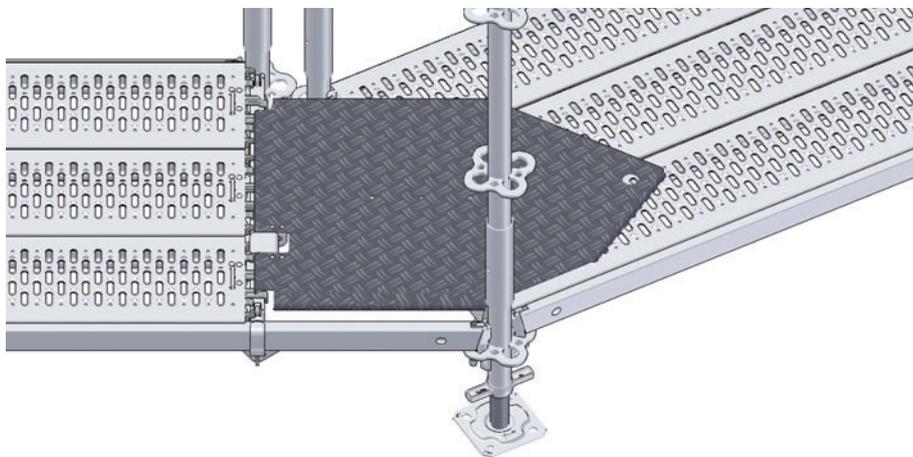
For supporting the decks, ledgers are installed transversely. The trapezoidal-shaped remaining area is closed using the PERI UP Corner Sheeting UPD.



Only one Corner Sheeting UPD is sufficient to cover every diameter of circular structures.

The PERI Corner Sheeting UPD closes all gaps in the decking between the turned scaffold fields.





The Corner Sheeting is firmly connected with the left ledger. The right field can be freely turned and adapted to suit the radius.

Circular container scaffolded with a three-part side protection complete with system components.



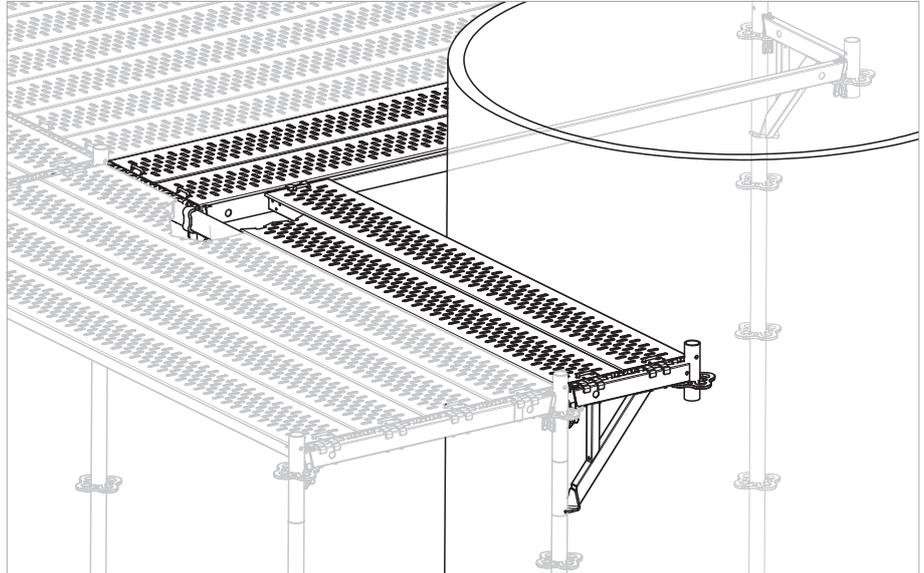
# Widening platforms with new possibilities

## Rosetts at the ends of brackets

**With the brackets, platforms are widened or gaps to existing buildings are reduced.**

The industrial decks are also secured on the brackets against lifting and close tightly with the main decking.

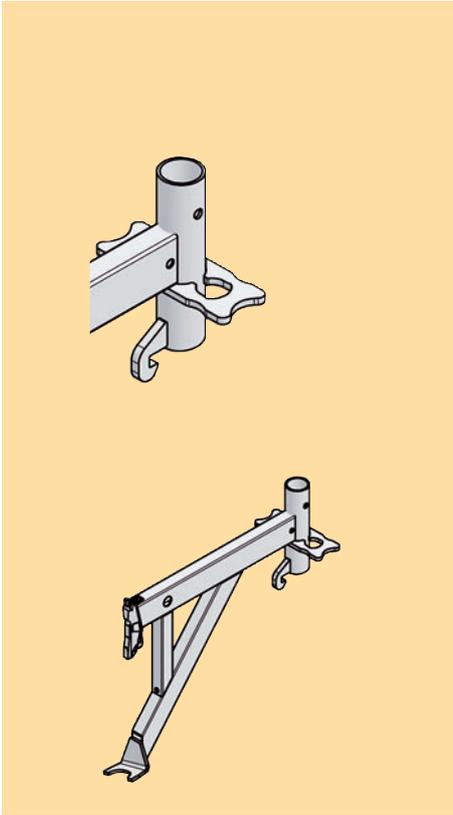
At the ends of the brackets, ledgers and verticals can be attached. Through this, internal corners can be completely covered with decking.



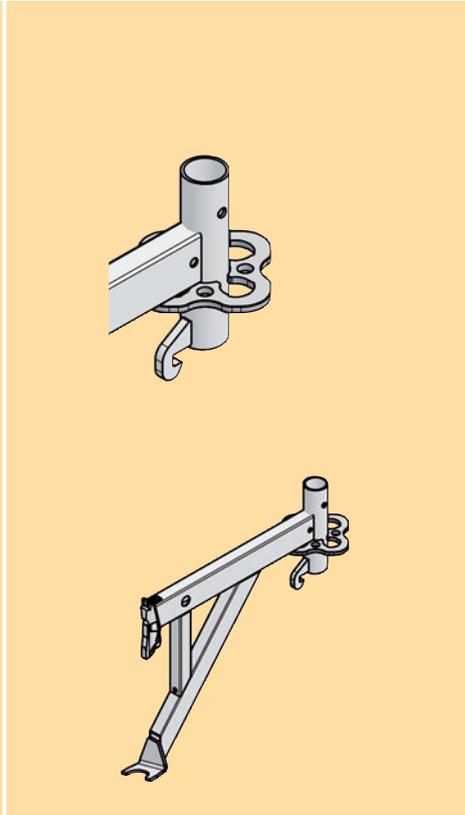
Brackets on the inside of a platform around a circular container. The decking is laid on ledgers and the brackets.

On the internal corners of the building, the brackets can be attached to a vertical simultaneously – without any height offset.

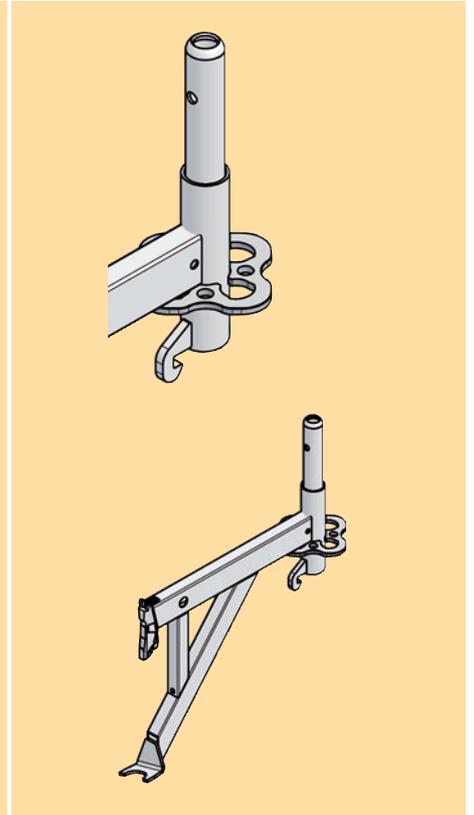




**Bracket with half Rosett for small wall distances.**  
Ledgers can be mounted on the left and right.



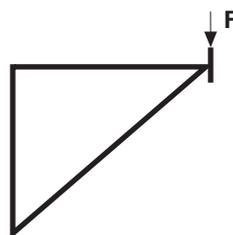
**Bracket with complete Rosett.**  
Ledgers can be attached in three directions.



**Bracket with Rosett and pressed-in spigot.**  
For attaching ledgers and verticals e.g. as guardrails.

**Table with bracket bearing capacities**

	Point Load F [kN]
UCM 50 with half Rosett	3.9
UCM 75 with half Rosett	3.9
UCM 50-2	3.9
UCM 75-2	3.9
UCM 50 with Spigot	3.9
UCM 75 with Spigot	3.9



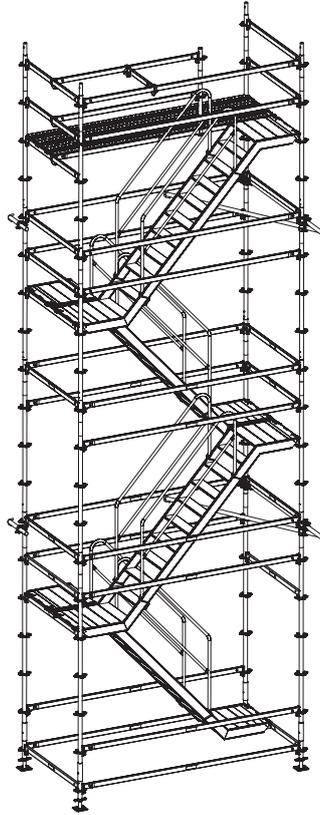
# Access up to 90 m high

## Lightweight stair towers for fast assembly

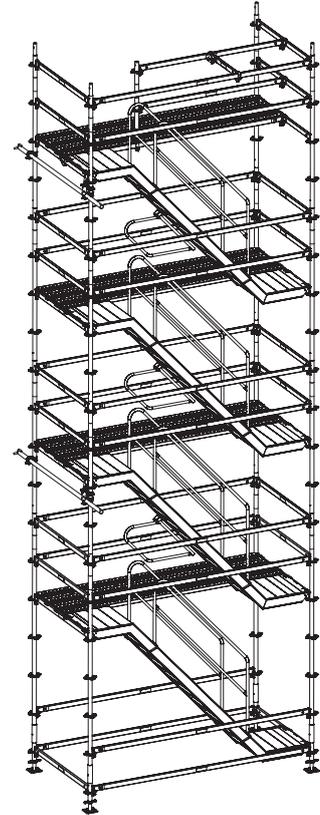
**PERI UP Rosett Flex site stair towers can be used as free-standing and pre-assembled units up to heights of 90 m.**

Simple and fast assembly due to high-strength aluminium staircase units with a width of 75 cm.

The permissible load is 2,00 kN/m<sup>2</sup>.

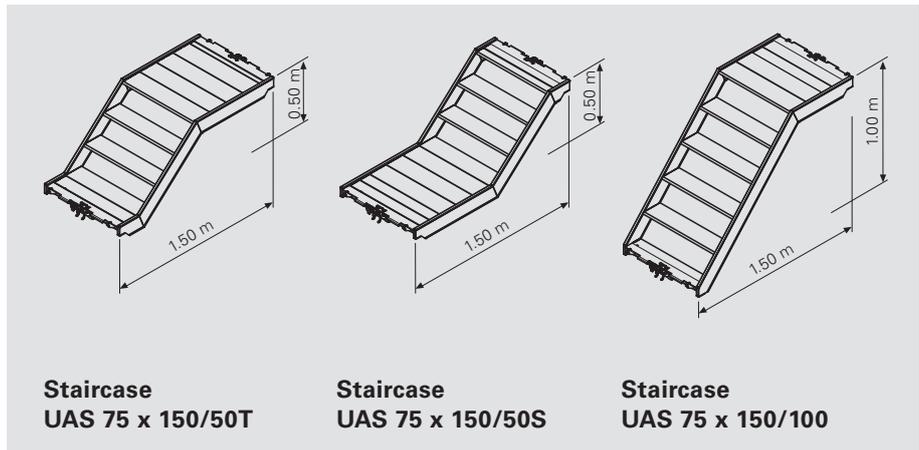
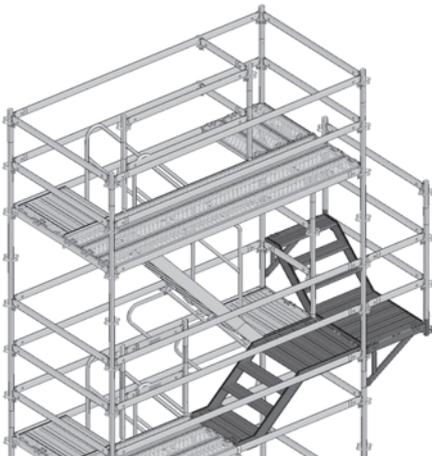


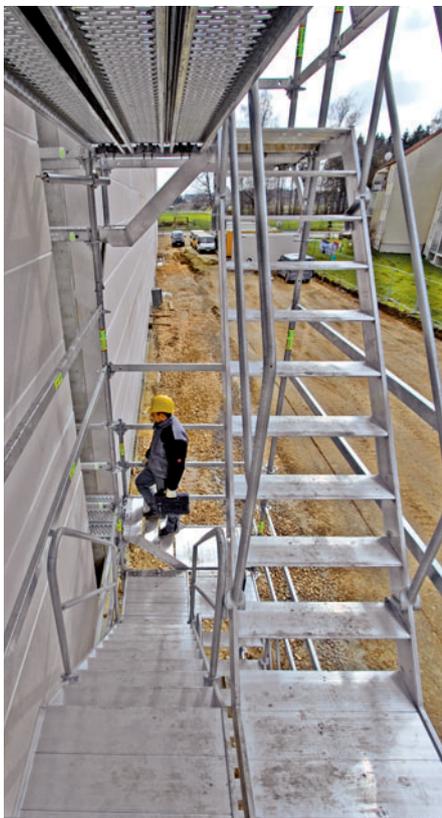
Alternating staircase units offer larger headroom and shorter routes between levels.



Staircase units in the same direction is the preferred type for erecting and offers additional working platforms.

Adjustments required for exit heights are carried out with 50 or 100 cm high staircase units on laterally-mounted brackets. For intermediate heights, the staircase units can also be positioned in the middle of a scaffold field.





The lateral height adjustments leave the landings free for climbing up or down.



Height adjustments on building openings are installed independent of the floor height.

# Site stairs with easily mountable steps

## Convenient access even with tools

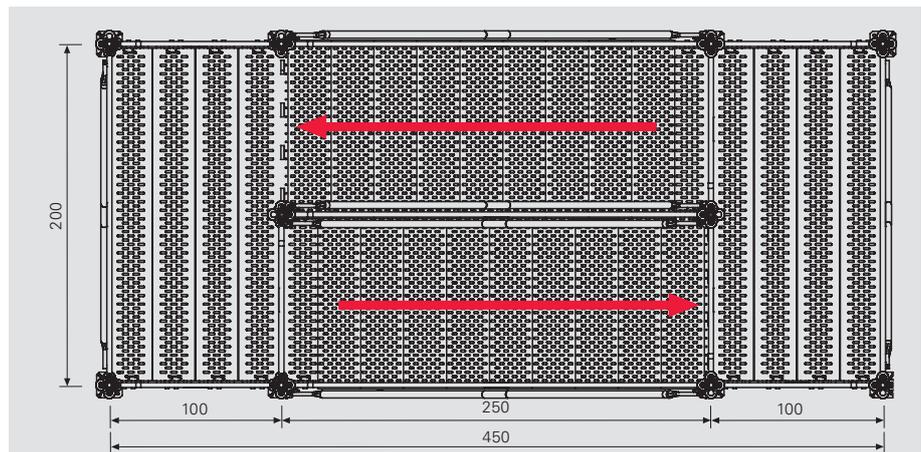
**For construction sites with high load and accessibility requirements.**

The PERI UP site stair is erected as a 10-leg tower with landing widths of 100 or 150 cm. Together with the step widths of 100 cm, it provides easy and comfortable access – with room enough to pass.

With a permissible load of 3.0 kN/m<sup>2</sup>, it can be assembled up to a height of 50 m.

Erection is simple and fast. The stringers are mounted first followed by the steps which interlock during installation. The top step secures all the others.

Site stairs with a choice of landing widths - 100 or 150 cm.



The site stairs are ideal as an entrance facility. The permissible load amounts to 3.0 kN/m<sup>2</sup>.



The maximum live load of a tower is 40 kN. This means the stairs can be used by up to 50 people simultaneously.



Non-slip, perforated steps and decking make ice formation more difficult in winter.

**Assembly without tools**

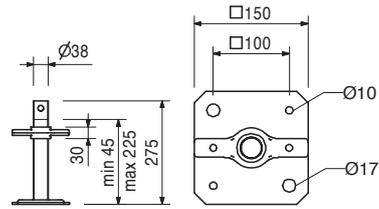
Lightweight individual steps interlock during installation and are self-securing.

The stair width of 100 cm allows the transportation of injured persons.

Item no.	Weight kg
116762	2,780

**Adj. Base Plate UJB 38-36/17**

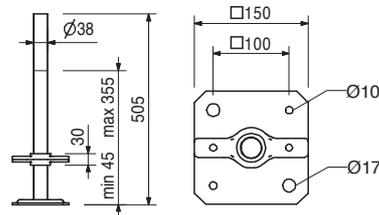
**Note**  
With captive white Quick Jack Nut.



100411	3,330
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**Adj. Base Plate UJB 38-50/30**

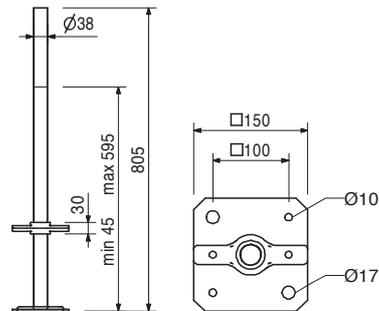
**Note**  
With captive red Quick Jack Nut.



100242	4,520
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**Adj. Base Plate UJB 38-80/55**

**Note**  
With captive yellow Quick Jack Nut.

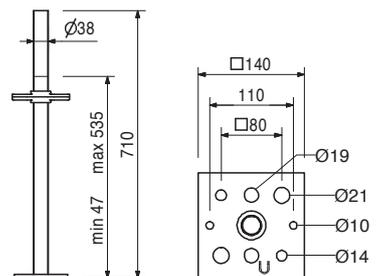


019780	5,160
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**Base Spindle TR 38-70/50**

For heavily loaded shoring.

**Note**  
With captive Quick Jack Nut.

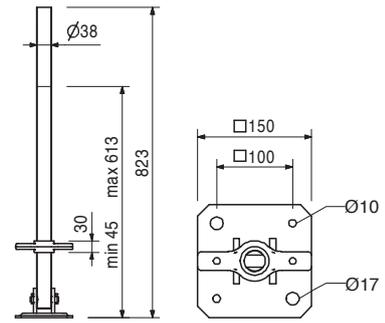
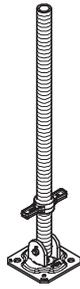


Item no.	Weight kg
100159	4,860

## Adj. Base Plate UJS 38-80/50 Swivel

### Note

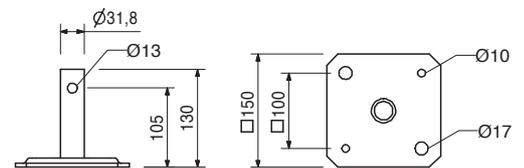
With captive yellow Quick Jack Nut.



100244	1,230
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## Base Plate UJP

Without height adjustment.



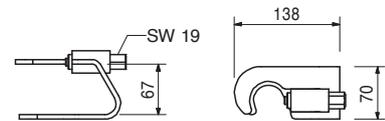
100863	1,030
--------	-------

## Spindle Locking UJS

Secures the adjustable base plates  $\varnothing 38$  mm in the leg when moving.

### Note

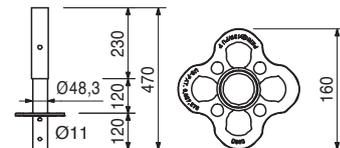
Wrench size SW 19.



100014	2,470
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## Base Standard UVB 24

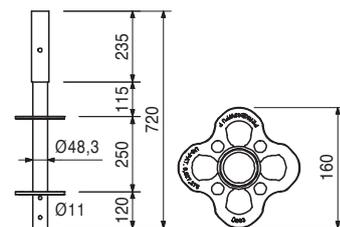
For assembly directly on the base spindle.



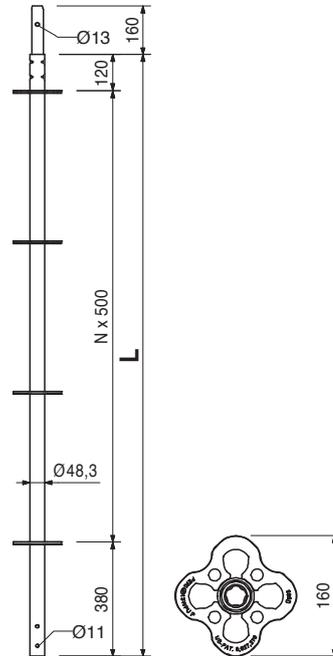
117194	3,980
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## Base Standard UVB 49

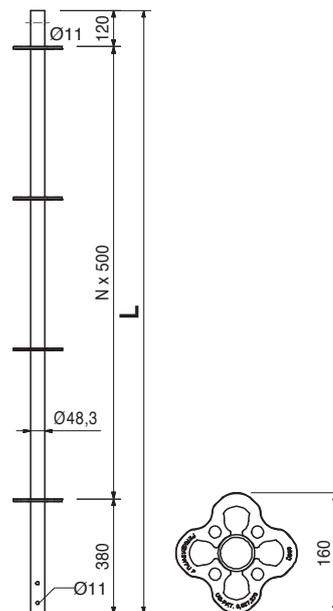
For assembly directly on the base spindle.  
Reduces necessary spindle extension lengths through distance between rosettes of 25 cm.



Item no.	Weight kg		L
		<b>Standards UVR</b>	
102859	3,080	<b>Standard UVR 50</b>	500
101306	5,380	<b>Standard UVR 100</b>	1000
102860	7,690	<b>Standard UVR 150</b>	1500
100009	9,990	<b>Standard UVR 200</b>	2000
100012	14,700	<b>Standard UVR 300</b>	3000
100013	19,200	<b>Standard UVR 400</b>	4000



Item no.	Weight kg		L
		<b>Top Standards UVH</b>	
101309	2,510	<b>Top Standard UVH 50</b>	500
100000	4,610	<b>Top Standard UVH 100</b>	1000
100003	6,920	<b>Top Standard UVH 150</b>	1500
100005	9,230	<b>Top Standard UVH 200</b>	2000
100007	11,500	<b>Top Standard UVH 250</b>	2500



Without spigot for supporting head spindles.

Item no.	Weight kg
117195	7,590

### Top Standard UVH 125

Without spigot for supporting head spindles.  
Reduces necessary spindle extension lengths through distance between rosettes of 25 cm.

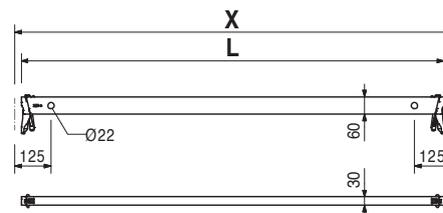
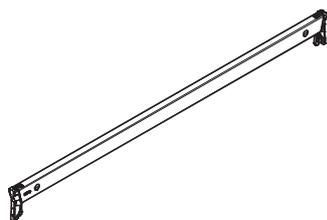


		Ledgers UH
104780	1,390	Ledger UH 25
104779	2,040	Ledger UH 50
100017	2,710	Ledger UH 75
101159	3,370	Ledger UH 100
110347	4,020	Ledger UH 125
100021	4,690	Ledger UH 150
100023	6,020	Ledger UH 200
100025	7,340	Ledger UH 250
100027	8,670	Ledger UH 300
100029	11,300	Ledger UH 400

L	X	Sticker
204	250	
454	500	
704	750	White
954	1000	White
1204	1250	
1454	1500	
1954	2000	White
2454	2500	Red
2954	3000	Black
3954	4000	

### Note

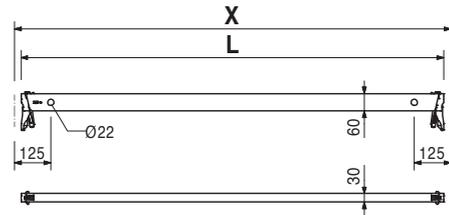
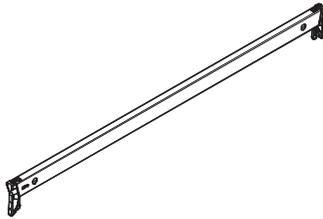
Only available as rentable item.  
Longitudinally-stamped with coloured label for easier identification.  
Ledgers UH can be replaced by ledgers UH Plus.



Item no.	Weight kg		L	X	Sticker
114613	1,430	<b>Ledgers UH Plus</b>	204	250	
114595	2,080	<b>Ledger UH 25 Plus</b>	454	500	
114629	2,760	<b>Ledger UH 50 Plus</b>	704	750	White
114632	4,490	<b>Ledger UH 100 Plus</b>	954	1000	White
114638	5,450	<b>Ledger UH 125 Plus</b>	1204	1250	
114641	4,730	<b>Ledger UH 150 Plus</b>	1454	1500	
114645	6,060	<b>Ledger UH 200 Plus</b>	1954	2000	White
116356	6,720	<b>Ledger UH 225 Plus</b>	2204	2250	
114648	7,380	<b>Ledger UH 250 Plus</b>	2454	2500	Red
114651	8,700	<b>Ledger UH 300 Plus</b>	2954	3000	Black
114654	11,300	<b>Ledger UH 400 Plus</b>	3954	4000	

**Note**

Longitudinally-stamped with coloured label for easier identification.

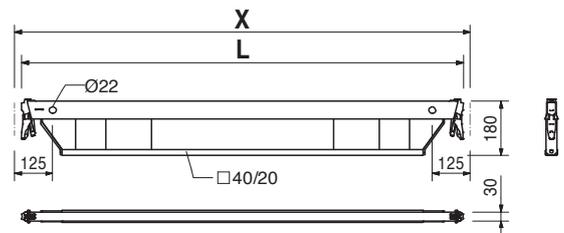
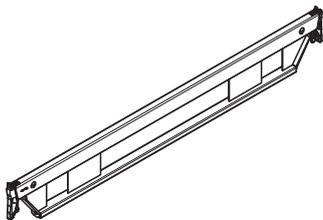


			L	X
109107	10,900	<b>Ledgers UHV</b>		
		<b>Ledger UHV 150</b>	1454	1500
109108	14,800	<b>Ledger UHV 200</b>	1954	2000
109109	18,000	<b>Ledger UHV 250</b>	2454	2500
109110	21,800	<b>Ledger UHV 300</b>	2954	3000

For high loads, e.g. material storage.

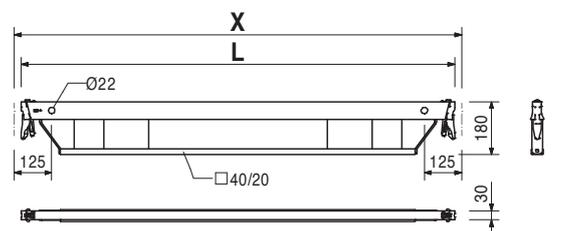
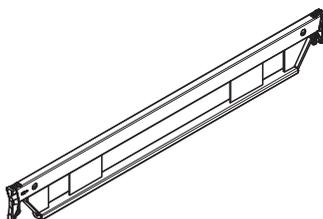
**Note**

Only available as rentable item.  
Ledgers UHV can be replaced by ledgers UHV Plus.



			L	X
114681	11,000	<b>Ledgers UHV Plus</b>		
		<b>Ledger UHV 150 Plus</b>	1454	1500
114687	14,900	<b>Ledger UHV 200 Plus</b>	1954	2000
114691	18,100	<b>Ledger UHV 250 Plus</b>	2454	2500
114695	21,800	<b>Ledger UHV 300 Plus</b>	2954	3000

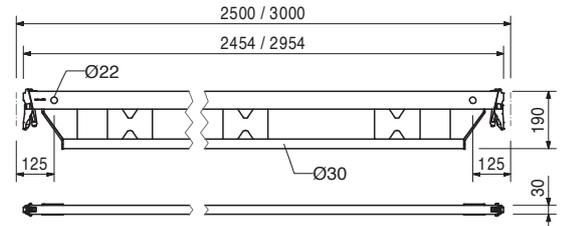
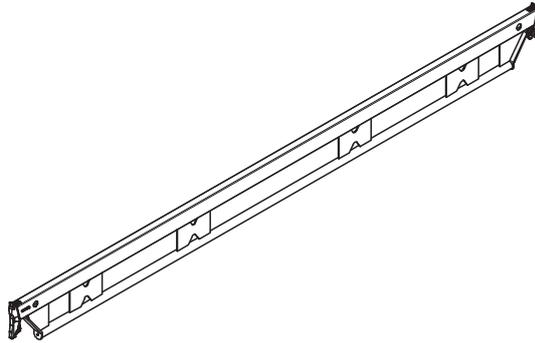
For high loads, e.g. material storage.



Item no.	Weight kg
110807	12,600
110815	15,300

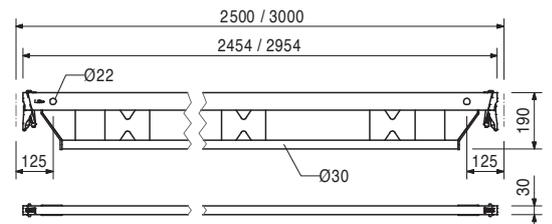
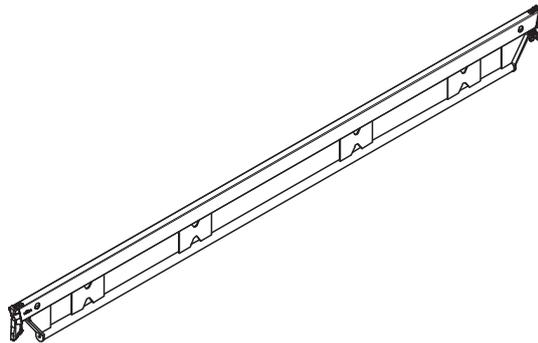
**Ledgers UHV-L**  
**Ledger UHV-L 250**  
**Ledger UHV-L 300**  
 Lightweight waler preferred for cantilevers.

**Note**  
 Only available as rentable item.  
 Ledgers UHV-L can be replaced by ledgers UHV-L Plus.



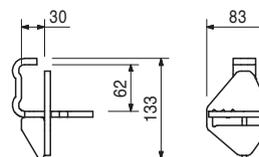
114699	12,700
114718	15,300

**Ledgers UHV-L Plus**  
**Ledger UHV-L 250 Plus**  
**Ledger UHV-L 300 Plus**  
 Lightweight waler preferred for cantilevers.



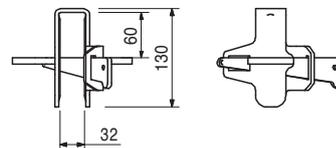
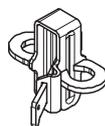
101731	0,841
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**Ledger to Ledger Coupler UHA**  
 For connecting ledger to ledger at right-angles.



110793	1,090
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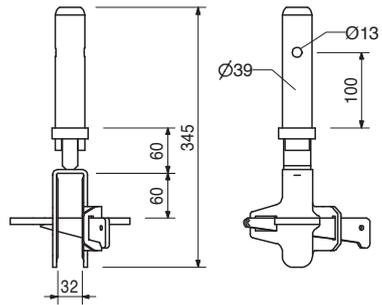
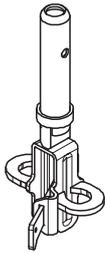
**Ledger to Ledger Coupler UHA Half**



Item no. Weight kg

110792 1,880

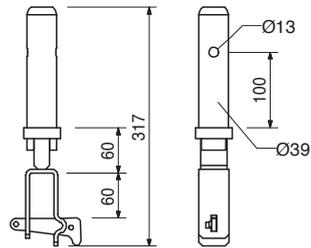
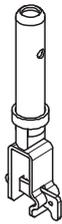
Ledger to Ledger Coupler UHA Half w. Spigot



109764

1,220

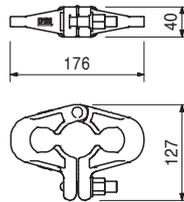
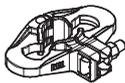
Spigot UH



116306

1,680

Rosett Coupler UEV



100478

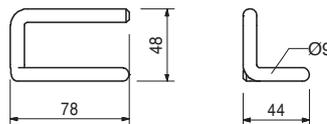
0,110

Locking Pin Ø 48/57, galv.

As tension-proof connection of standards.

**Note**

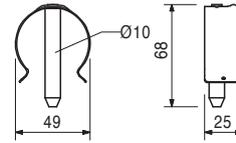
Not for suspended scaffold. Not for coupling of lattice girders.



Item no.	Weight kg
111053	0,059

### Locking Pin Ø 48/57

As tension-proof connection of standards with a diameter of 48 up to 57 mm.

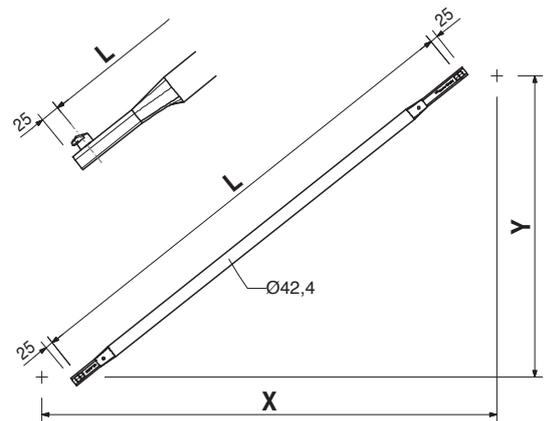
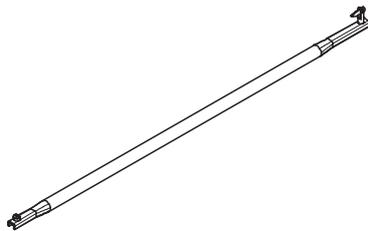


			L	X	Y	Sticker
		<b>Ledger Braces UBL</b>				
107867	3,800	<b>Ledger Brace UBL 150/50</b>	1347	1500	500	
100055	4,450	<b>Ledger Brace UBL 150/100</b>	1601	1500	1000	
102846	5,350	<b>Ledger Brace UBL 150/150</b>	1953	1500	1500	
100057	6,390	<b>Ledger Brace UBL 150/200</b>	2358	1500	2000	
109034	6,750	<b>Ledger Brace UBL 175/200</b>	2500	1750	2000	
104391	5,010	<b>Ledger Brace UBL 200/50</b>	1820	2000	500	
100059	5,510	<b>Ledger Brace UBL 200/100</b>	2016	2000	1000	
102862	6,250	<b>Ledger Brace UBL 200/150</b>	2305	2000	1500	
100061	7,160	<b>Ledger Brace UBL 200/200</b>	2658	2000	2000	White
117689	7,590	<b>Ledger Brace UBL 225/200</b>	2829	2250	2000	
100063	6,650	<b>Ledger Brace UBL 250/100</b>	2462	2500	1000	
102861	7,270	<b>Ledger Brace UBL 250/150</b>	2705	2500	1500	
100065	8,050	<b>Ledger Brace UBL 250/200</b>	3010	2500	2000	Red
104762	7,500	<b>Ledger Brace UBL 300/50</b>	2795	3000	500	
100067	7,840	<b>Ledger Brace UBL 300/100</b>	2926	3000	1000	
104766	8,370	<b>Ledger Brace UBL 300/150</b>	3133	3000	1500	
100069	9,050	<b>Ledger Brace UBL 300/200</b>	3400	3000	2000	Black

Attach using holes in the ledgers.

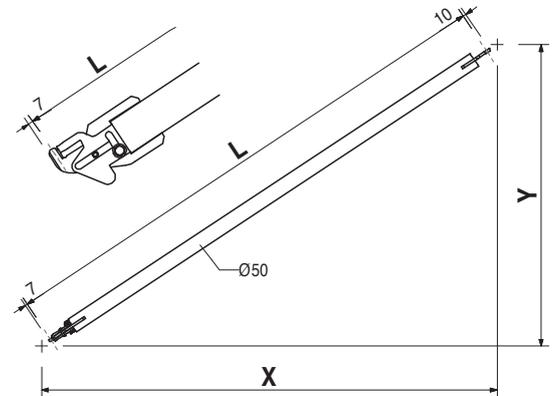
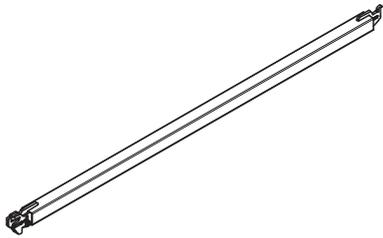
### Note

Longitudinally-stamped with coloured label for easier identification.  
 UBL 150/250 identical to UBL 300/50,  
 UBL 225/150 identical to UBL 175/200,  
 UBL 250/50 identical to UBL 200/150,  
 UBL 100/100 identical to Diagonal Strut ST 100 (Art.no. 019940).



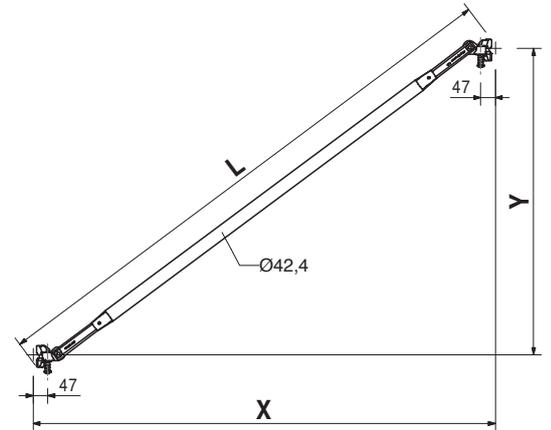
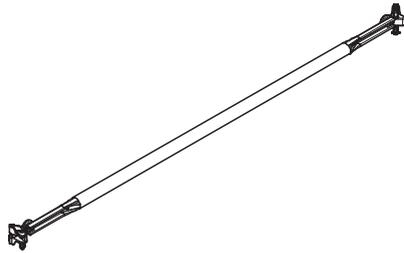
Item no.	Weight kg		L	X	Y
		<b>H-Braces UBH Flex</b>			
114818	4,580	<b>H-Brace UBH Flex 100/100</b>	1335	1000	1000
114904	5,620	<b>H-Brace UBH Flex 125/125</b>	1689	1250	1250
114821	5,720	<b>H-Brace UBH Flex 150/100</b>	1725	1500	1000
114908	6,160	<b>H-Brace UBH Flex 150/125</b>	1874	1500	1250
114912	6,650	<b>H-Brace UBH Flex 150/150</b>	2042	1500	1500
114820	7,000	<b>H-Brace UBH Flex 200/100</b>	2161	2000	1000
114916	8,730	<b>H-Brace UBH Flex 200/200</b>	2749	2000	2000
114896	8,120	<b>H-Brace UBH Flex 250/75</b>	2541	2500	750
114819	8,350	<b>H-Brace UBH Flex 250/100</b>	2620	2500	1000
114996	8,640	<b>H-Brace UBH Flex 250/125</b>	2720	2500	1250
114920	9,830	<b>H-Brace UBH Flex 250/200</b>	3123	2500	2000
114928	10,800	<b>H-Brace UBH Flex 250/250</b>	3456	2500	2500
114900	9,540	<b>H-Brace UBH Flex 300/75</b>	3025	3000	750
114892	9,730	<b>H-Brace UBH Flex 300/100</b>	3092	3000	1000
114924	11,000	<b>H-Brace UBH Flex 300/200</b>	3528	3000	2000
114932	11,900	<b>H-Brace UBH Flex 300/250</b>	3826	3000	2500
114936	12,900	<b>H-Brace UBH Flex 300/300</b>	4163	3000	3000

For horizontal bracing of towers. Useable also underneath the decking.



Item no.	Weight kg	Node Braces UBK	L	X	Y	Sticker
112926	6,990	<b>Node Brace UBK 100/200</b>	2285	1000	2000	
115354	5,220	<b>Node Brace UBK 125/100</b>	1625	1250	1000	
112765	7,260	<b>Node Brace UBK 125/200</b>	2401	1250	2000	
100981	5,710	<b>Node Brace UBK 150/100</b>	1821	1500	1000	
100973	6,580	<b>Node Brace UBK 150/150</b>	2152	1500	1500	
100572	7,600	<b>Node Brace UBK 150/200</b>	2539	1500	2000	
100985	6,790	<b>Node Brace UBK 200/100</b>	2246	2000	1000	
106630	7,510	<b>Node Brace UBK 200/150</b>	2521	2000	1500	
100573	8,390	<b>Node Brace UBK 200/200</b>	2860	2000	2000	White
100989	7,940	<b>Node Brace UBK 250/100</b>	2696	2500	1000	
106624	8,540	<b>Node Brace UBK 250/150</b>	2930	2500	1500	
100574	9,310	<b>Node Brace UBK 250/200</b>	3226	2500	2000	Red
100993	9,130	<b>Node Brace UBK 300/100</b>	3131	3000	1000	
100575	10,300	<b>Node Brace UBK 300/200</b>	3625	3000	2000	Black

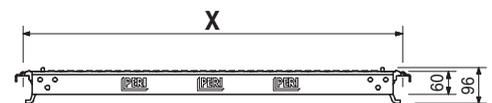
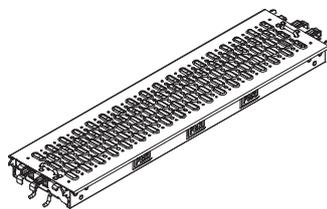
For hooking into the small hole of the rosette.



Item no.	Weight kg	Industrial Decks UDI 25	X	perm. p [kN/m <sup>2</sup> ]	max. p [kN/m <sup>2</sup> ]
104029	4,090	<b>Industrial Deck UDI 25 x 50</b>	500	6.0	40.0
105925	5,520	<b>Industrial Deck UDI 25 x 75</b>	750	6.0	26.7
106092	6,950	<b>Industrial Deck UDI 25 x 100</b>	1000	6.0	20.0
106880	8,380	<b>Industrial Deck UDI 25 x 125</b>	1250	6.0	16.0
107002	9,790	<b>Industrial Deck UDI 25 x 150</b>	1500	6.0	13.3
108380	12,700	<b>Industrial Deck UDI 25 x 200</b>	2000	6.0	10.0
108540	15,500	<b>Industrial Deck UDI 25 x 250</b>	2500	4.5	8.0
108689	18,400	<b>Industrial Deck UDI 25 x 300</b>	3000	3.0	6.3

Mounted on Ledgers UH.

**Note**  
 perm. p according to DIN EN 12811-1.  
 max. p = maximum possible load without deflection limitation.



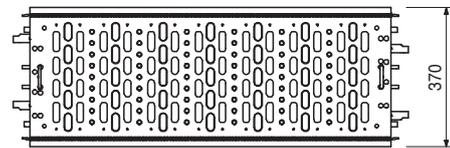
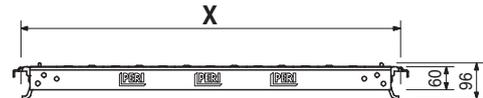
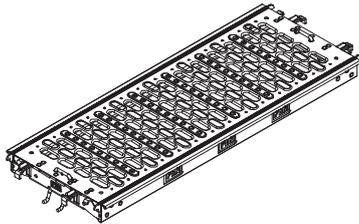
Item no.	Weight kg	
111685	5,110	<b>Industrial Decks UDI 375</b>
111687	6,790	<b>Industrial Deck UDI 375 x 50</b>
111686	8,460	<b>Industrial Deck UDI 375 x 75</b>
111860	10,100	<b>Industrial Deck UDI 375 x 100</b>
111863	11,800	<b>Industrial Deck UDI 375 x 125</b>
111864	15,200	<b>Industrial Deck UDI 375 x 150</b>
111865	18,500	<b>Industrial Deck UDI 375 x 200</b>
111866	18,500	<b>Industrial Deck UDI 375 x 250</b>
111969	21,900	<b>Industrial Deck UDI 375 x 300</b>

Mounted on Ledgers UH.

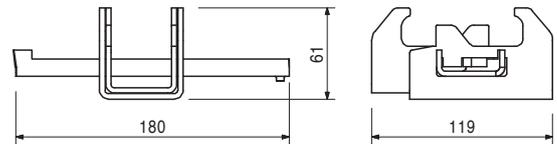
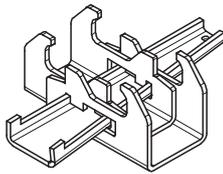
X	perm. p [kN/m <sup>2</sup> ]	max. p [kN/m <sup>2</sup> ]
500	6.0	40.0
750	6.0	26.7
1000	6.0	20.0
1250	6.0	16.0
1500	6.0	13.3
2000	6.0	10.0
2500	4.5	7.5
3000	3.0	5.2

### Note

UDI 375 is offered as a „safe assembly“  
perm. p according to DIN EN 12811-1.  
max. p = maximum possible load without  
deflection limitation.

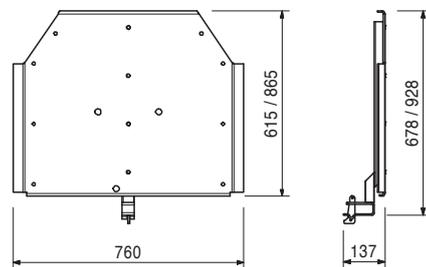
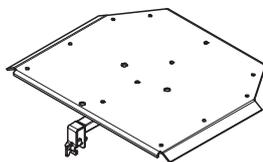


111011	0,797	<b>Deck Link Plate UDC</b> Connects two industrial decks.
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111101	7,780	<b>Bottom Sheetings UDP</b>
112809	10,900	<b>Bottom Sheeting UDP 75</b>
		<b>Bottom Sheeting UDP 100</b>

Mounted on UH Ledgers. Closes gaps between bays during scaffold installation on circular structures.

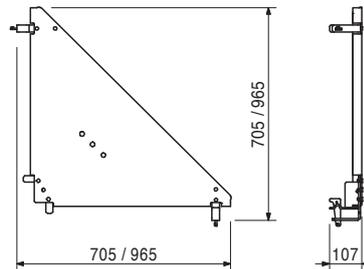
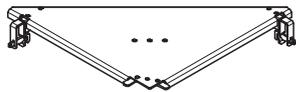


Item no.	Weight kg
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114148	4,890
113358	10,000

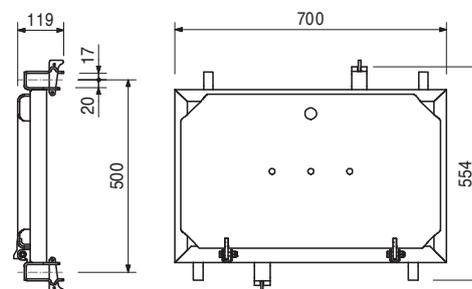
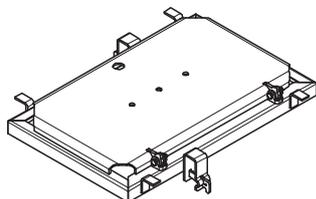
**Corner Sheetings UDC**  
**Corner Sheeting UDC 75**  
**Corner Sheeting UDC 100**

Mounted on UH Ledgers. For internal corners of platforms on circular containers.



109783	9,710
109755	16,200

**Hatches UAF**  
**Hatch UAF 50 x 75**  
**Hatch UAF 75 x 100**

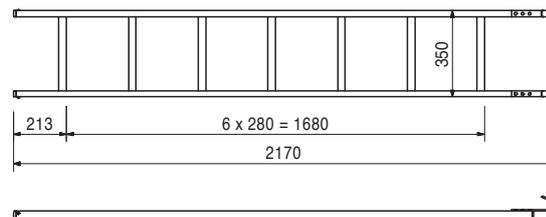
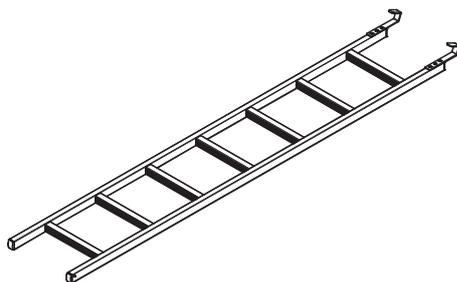


109879	3,820
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Accessories  
**Ladder UAF 200**

109879	3,820
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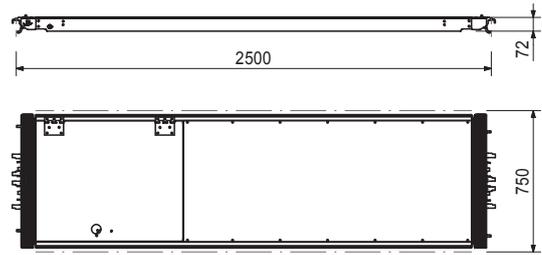
**Ladder UAF 200**  
 For mounting to Hatch UAF.



# PERI UP Rosett Flex

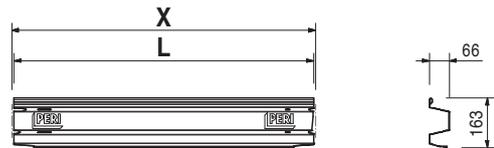
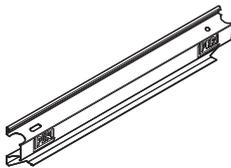


Item no.	Weight kg	
114676	23,000	Access Deck UAL-2 75 x 250/3



		<b>Toe Boards Steel UPY</b>
110213	0,927	<b>Toeboard Steel UPY 50</b>
110514	1,440	<b>Toeboard Steel UPY 75</b>
110073	1,960	<b>Toeboard Steel UPY 100</b>
110160	3,000	<b>Toeboard Steel UPY 150</b>
110176	4,030	<b>Toeboard Steel UPY 200</b>
110208	5,060	<b>Toeboard Steel UPY 250</b>
110211	6,100	<b>Toeboard Steel UPY 300</b>

<b>L</b>	<b>X</b>
486	500
736	750
986	1000
1486	1500
1986	2000
2486	2500
2986	3000

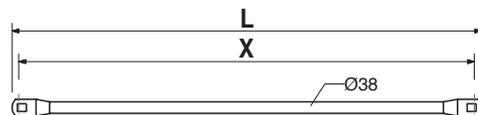
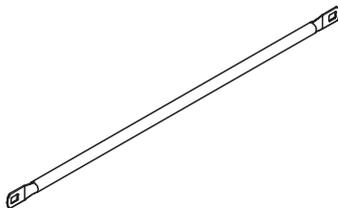


		<b>Guardrails UPG</b>
100265	2,410	<b>Guardrail UPG 150</b>
100266	3,220	<b>Guardrail UPG 200</b>
100267	4,020	<b>Guardrail UPG 250</b>
100268	4,820	<b>Guardrail UPG 300</b>
100810	9,070	<b>Guardrail UPG 400</b>

<b>L</b>	<b>X</b>	<b>Sticker</b>
1546	1500	
2046	2000	White
2546	2500	Red
3046	3000	Black
4046	4000	

### Note

Longitudinally-stamped with coloured label for easier identification.



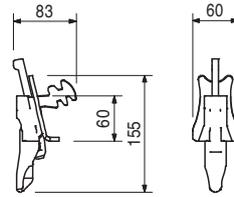
Item no.	Weight kg
104412	0,719

### Guardrail Coupler UPW

For mounting the Guardrail UPG on the rosette.

### Note

Assembly with guardrail in advance.



110072	5,060
116695	5,640
117192	5,310

### Swing Ledgers UPK

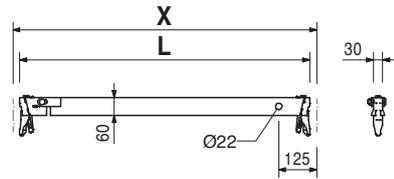
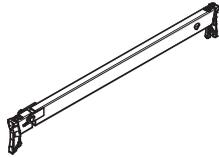
#### Swing Ledger UPK 75

#### Swing Ledger UPK 100

#### Swing Ledger UPK 125

Upwards opening ledger.

L	X
704	750
954	1000
1204	1250

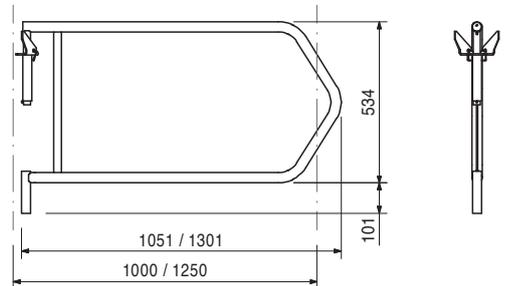
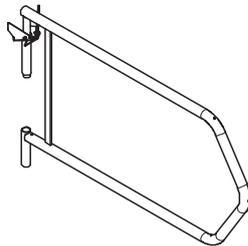


110478	5,120
116691	5,900

### Swing Gates UPX

#### Swing Gate UPX 100

#### Swing Gate UPX 125

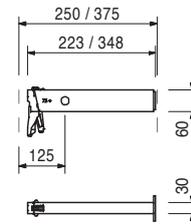


115959	1,150
115962	1,490

### Supports UC

#### Support UC 25

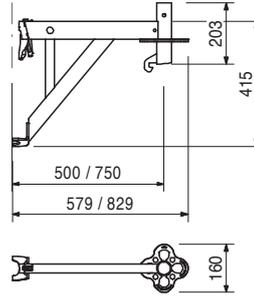
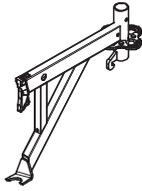
#### Support UC 37.5



Item no.	Weight kg
110483	4,490
111128	5,720

**Consoles UCM**  
**Console UCM 50-2**  
**Console UCM 75-2**

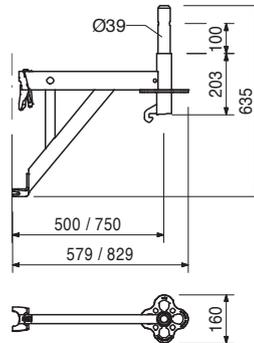
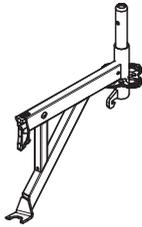
With connection for Console Bracket Brace UCM.



112676	5,280
112678	6,510

**Consoles UCM with Spigot**  
**Console UCM 50 with Spigot**  
**Console UCM 75 with Spigot**

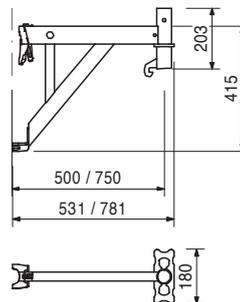
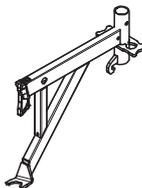
With connection for Console Bracket Brace UCM.



112690	4,390
112693	5,620

**Consoles UCM with half Rosett**  
**Console UCM 50 with half Rosett**  
**Console UCM 75 with half Rosett**

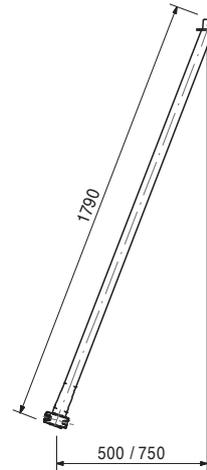
With connection for Console Bracket Brace UCM.



Item no.	Weight kg
112717	7,000

**Console Bracket Brace UCM**

For increasing the load-carrying capacity of Consoles UCM 50 and UCM 75



111117	28,100
111124	33,100

**Staircases UAS 75**

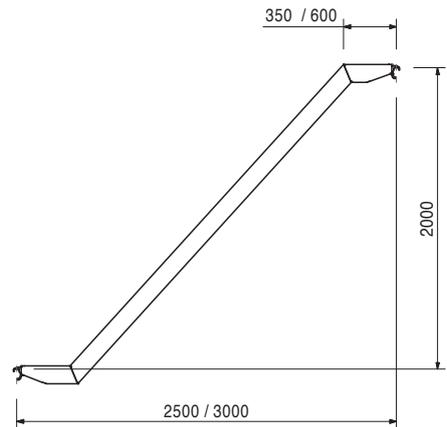
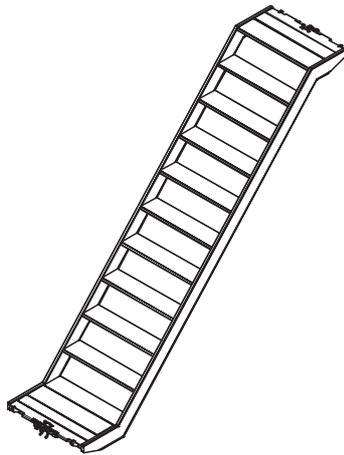
**Staircase UAS 75 x 250/200, Alu**

**Staircase UAS 75 x 300/200, Alu**

Assembly on Ledger UH together with Industrial Deck UDI.

**Technical Data**

Permissible load 2.0 kN/m<sup>2</sup>.



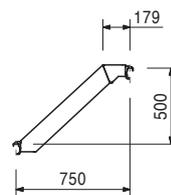
113228	10,100
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**Staircase UAS 75 x 75/50**

Assembly on Ledger UH together with Industrial Deck UDI.

**Technical Data**

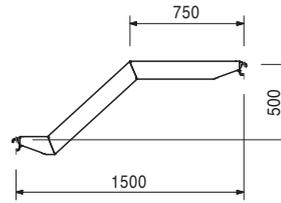
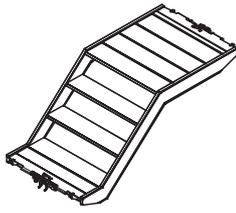
Permissible load 2.0 kN/m<sup>2</sup>.



Item no.	Weight kg
111087	17,600

**Staircase UAS 75 x 150/50 T, Alu**  
 Assembly on Ledger UH together with Industrial Deck UDI.

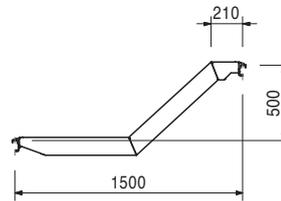
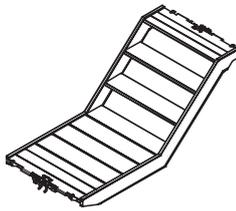
**Technical Data**  
 Permissible load 2.0 kN/m<sup>2</sup>.



111095	17,600
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**Staircase UAS 75 x 150/50, Alu**  
 Assembly on Ledger UH together with Industrial Deck UDI.

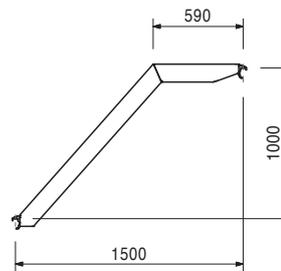
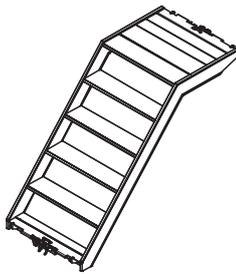
**Technical Data**  
 Permissible load 2.0 kN/m<sup>2</sup>.



111103	17,900
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**Staircase UAS 75 x 150/100, Alu**  
 Assembly on Ledger UH together with Industrial Deck UDI.

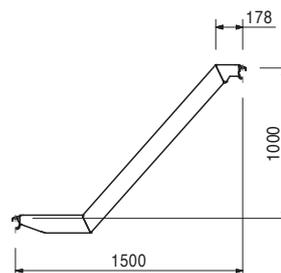
**Technical Data**  
 Permissible load 2.0 kN/m<sup>2</sup>.



114536	18,000
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**Staircase UAS 75 x 150/100 S**  
 Assembly on Ledger UH together with Industrial Deck UDI.

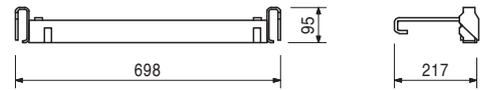
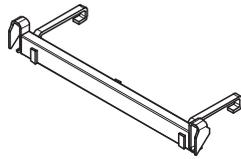
**Technical Data**  
 Permissible load 2.0 kN/m<sup>2</sup>.



Item no.	Weight kg
115189	3,080

**Waler on Staircase UAS 75**

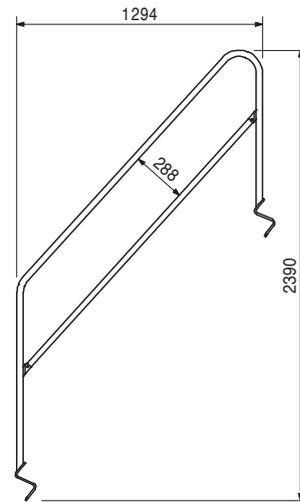
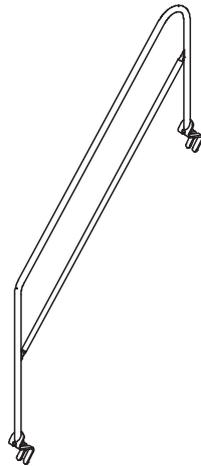
Mounted on the treads of the staircase. Allows installation of Industrial Decks Steel UDI.



100742	10,000
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**Stair Guardrail UAG**

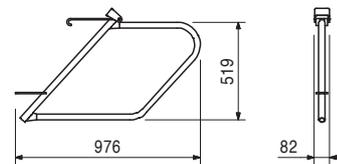
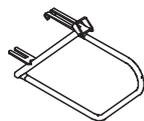
Suitable for Staircase UAS 64 x 250/200, UAS 64 x 300/200, UAS 75 x 250/200 and UAS 75 x 300/200 as internal and external guardrails.



100830	4,960
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**Stair Guardrail UAH**

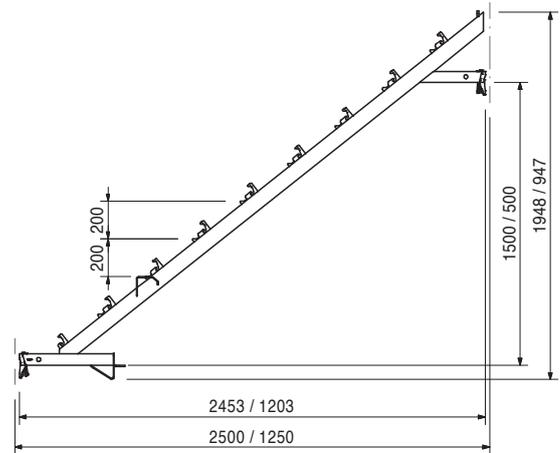
For fixing to the stringers of the Staircase Units UAS 64 x 250/200, UAS 64 x 300/200, UAS 75 x 250/200, UAS 75 x 300/200.



Item no.	Weight kg
114731	9,800
109219	15,800

**Stair Stringers UA**  
**Stair Stringer UA 125/100**  
**Stair Stringer UA 250/200**

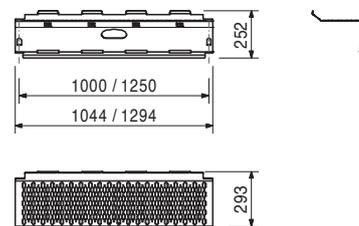
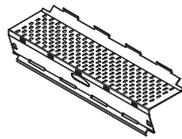
**Technical Data**  
 Permissible load 3.0 kN/m<sup>2</sup>.



109198	7,390
114179	9,250

**Stair Steps UAR**  
**Stair Step UAR 100**  
**Stair Step UAR 125**  
 Tread for Stair Stringer UA. Non-slip due to perforated surface.

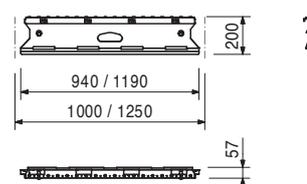
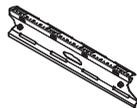
**Technical Data**  
 Permissible load 3.0 kN/m<sup>2</sup>.



109208	5,610
114180	6,590

**End Steps UAE**  
**End Step UAE 100**  
**End Step UAE 125**  
 Last step for the Stair Stringer UA. Secures all steps.

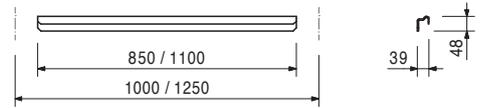
**Technical Data**  
 Permissible load 3.0 kN/m<sup>2</sup>.



Item no.	Weight kg
114349	0,770
114621	0,997

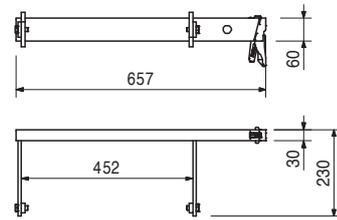
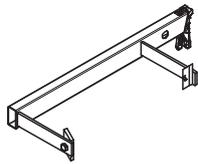
**Edge Profiles UH**  
**Edge Profile UH 100**  
**Edge Profile UH 125**

Assembly on UH Ledger for anti-slip protection on the first step at start of stairs with Stair Stringer UA.



117191	3,490
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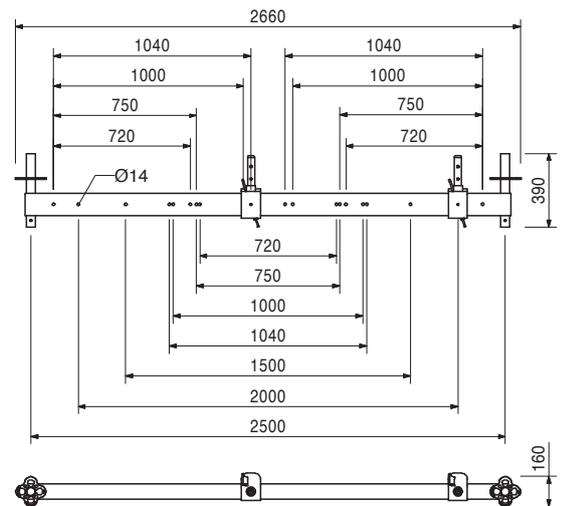
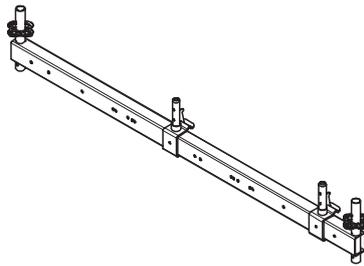
**Ladder Connection UAC**



100870	40,700
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**Base Beam UVA 250**

For free-standing and mobile scaffold units. For symmetric and antisymmetric assembly of UPT 72/T 104 and Rosett 72, 75, 100, 104 and symmetric assembly of Rosett b = 75, 100, 150, 200 and 250 cm.







# The optimal System for every Project and every Requirements



Wall Formwork



Column Formwork



Slab Formwork



Climbing Systems



Tunnel Formwork



Bridge Formwork



Shoring Systems



Construction Scaffold



Facade Scaffold



Industrial Scaffold



Access



Protection Scaffold



System-Independent Accessories



Services



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