

## 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 shown in this brochure feature construction sites in progress. For this reason especially safety and anchor details cannot always be considered as conclusive or final. These are subject to the risk assessment carried out by the contractor.

The systems or items shown are not necessarily available in all countries.

Safety instructions and load specifications are to be strictly 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 changes in the interests of progress. Errors and typographical mistakes reserved.

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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

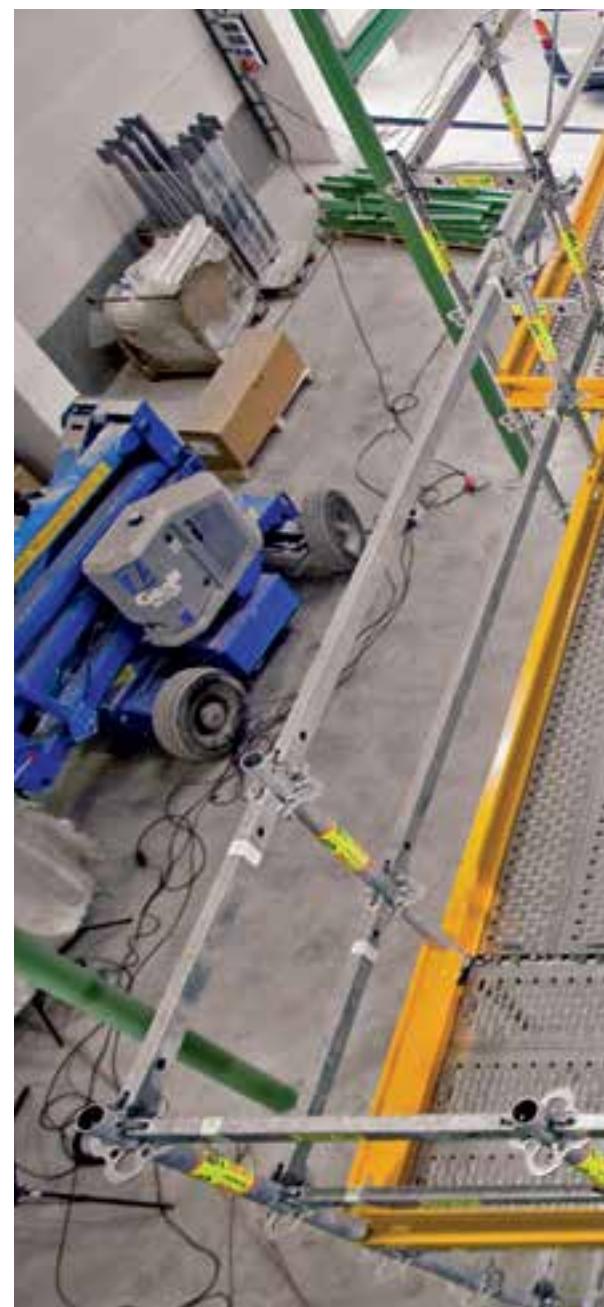
## Uniform grid dimensions for maximum adjustment

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.

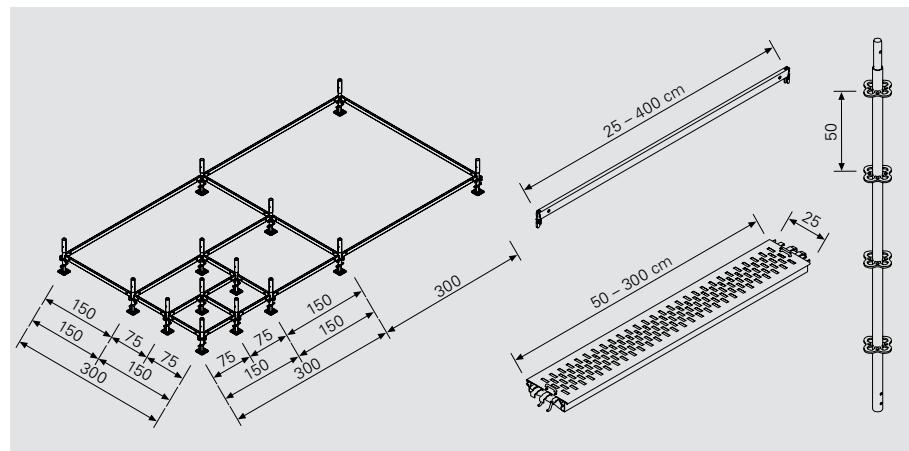
Toe boards with lengths cut according to grid dimensions, border the inner and outer edges of all decking.

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.



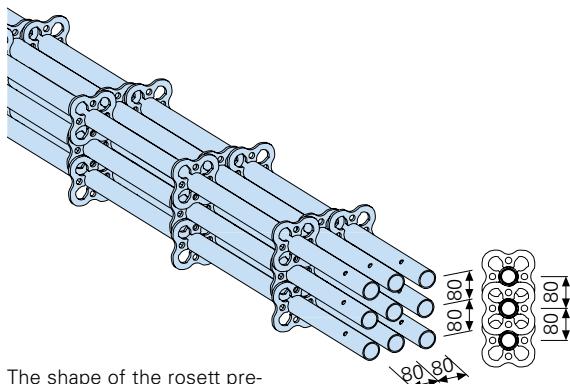
# PERI UP Rosett – a strong node connection

## 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 rosett 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.

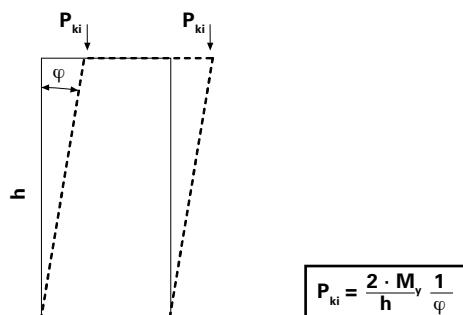
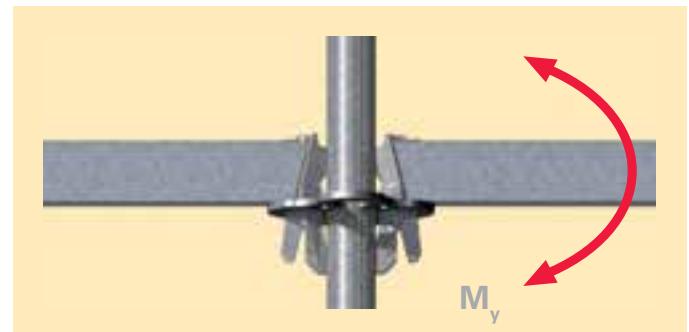
The UP Rosett allows for connecting at up to 45°.



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

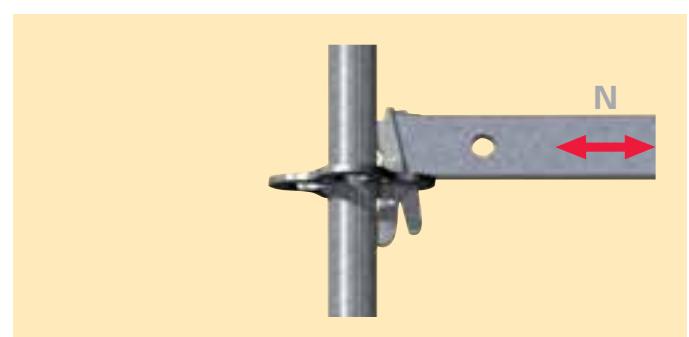
**Ledger moment**

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



**Ledger horizontal force**

$$N_d = 24.7 \text{ kN}$$



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



**Ledger shear force**

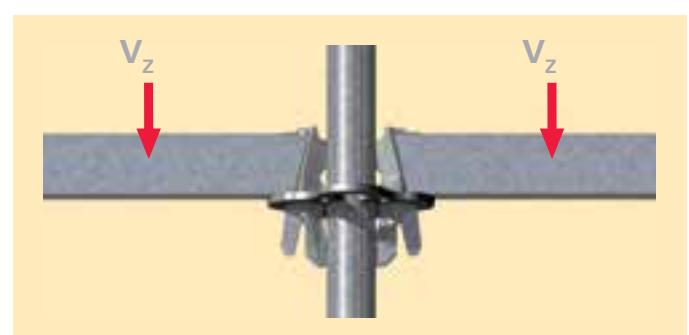
$$V_{y,d} = 11.3 \text{ kN}$$



**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

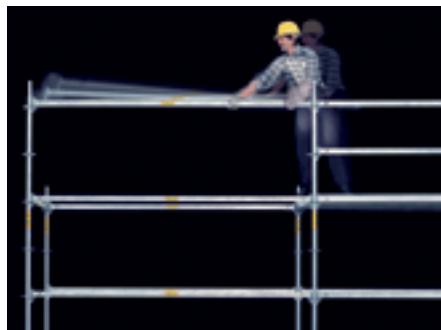
The PERI UP gravity lock allows easy and safe assembly.

When inserting the wedge head into the rosett, 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.

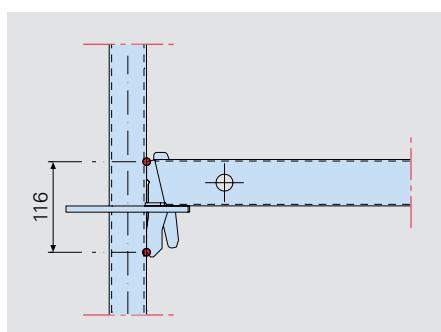


Simple, safe assembly of the UH ledger thanks to PERI UP gravity lock.



Gravity lock, the self-secur-ing ledger connection, rigidly connects the ledger to the rosett.

The ledger can be easily in-stalled 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.

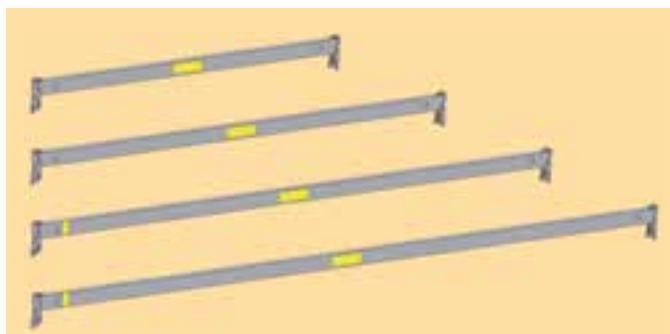


Lightweight ledger used as a guardrail. For platforms, reinforced or standard ledgers are used depending on the load requirements.



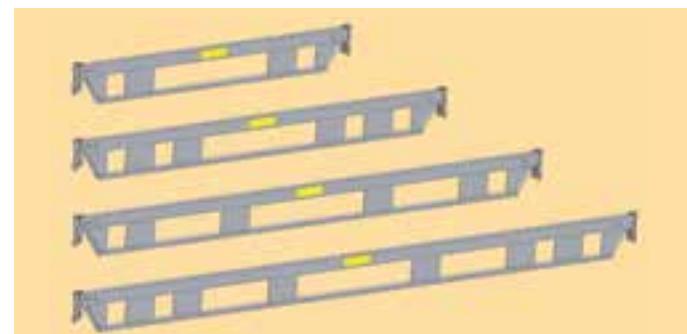
### Ledger UH.

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.



### 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>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

		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

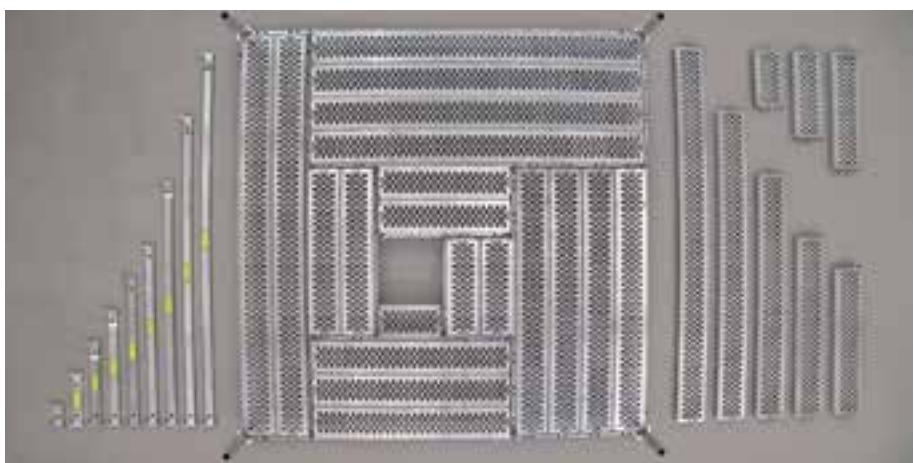
## Scaffold decking with grid system

**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.**

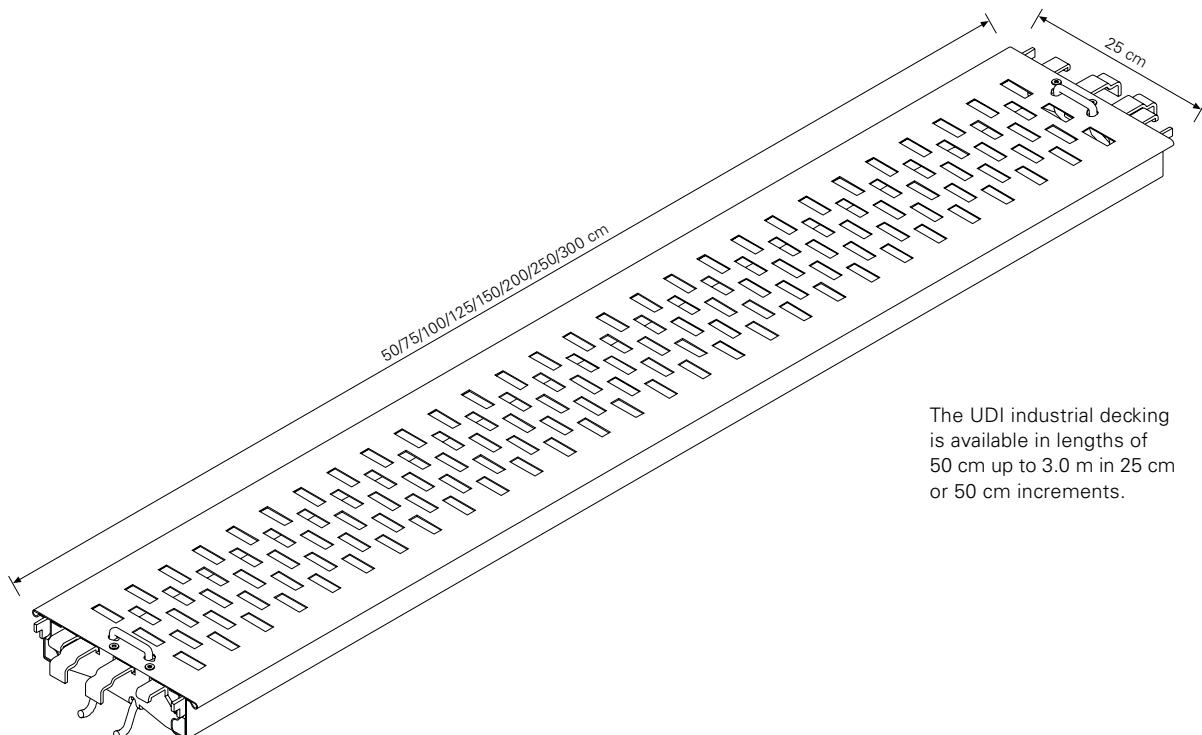
All decks have an integrated lock against lifting as well as a non-slip perforated surface.

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

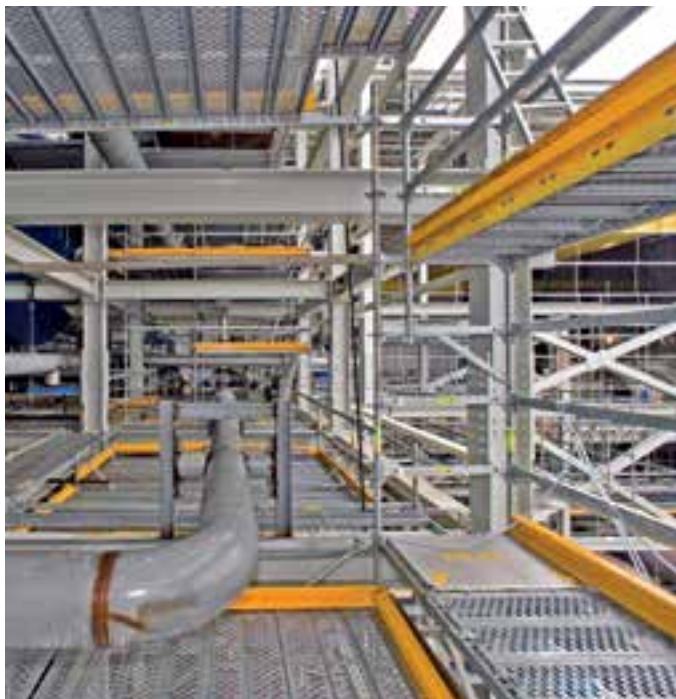
## Decking installed in “almost any position”

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.

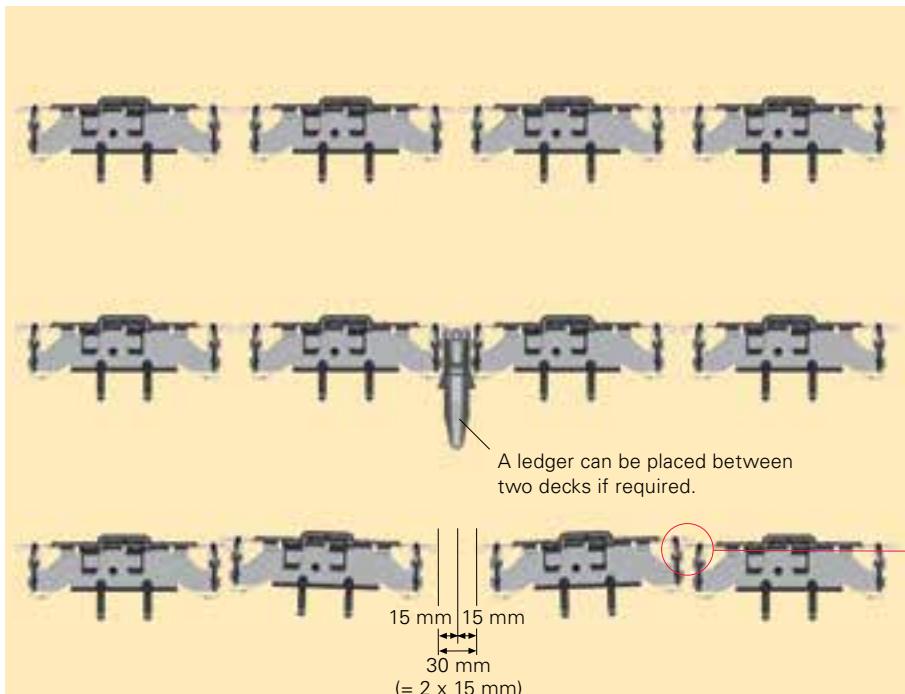
For protruding pipes or diagonals, openings can be created by overlapping the decks.

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



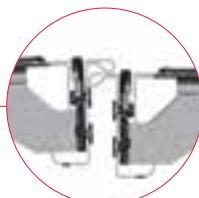
Piping installations can be integrated in such a way so that safe and gap-free working platforms are created.





#### 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.

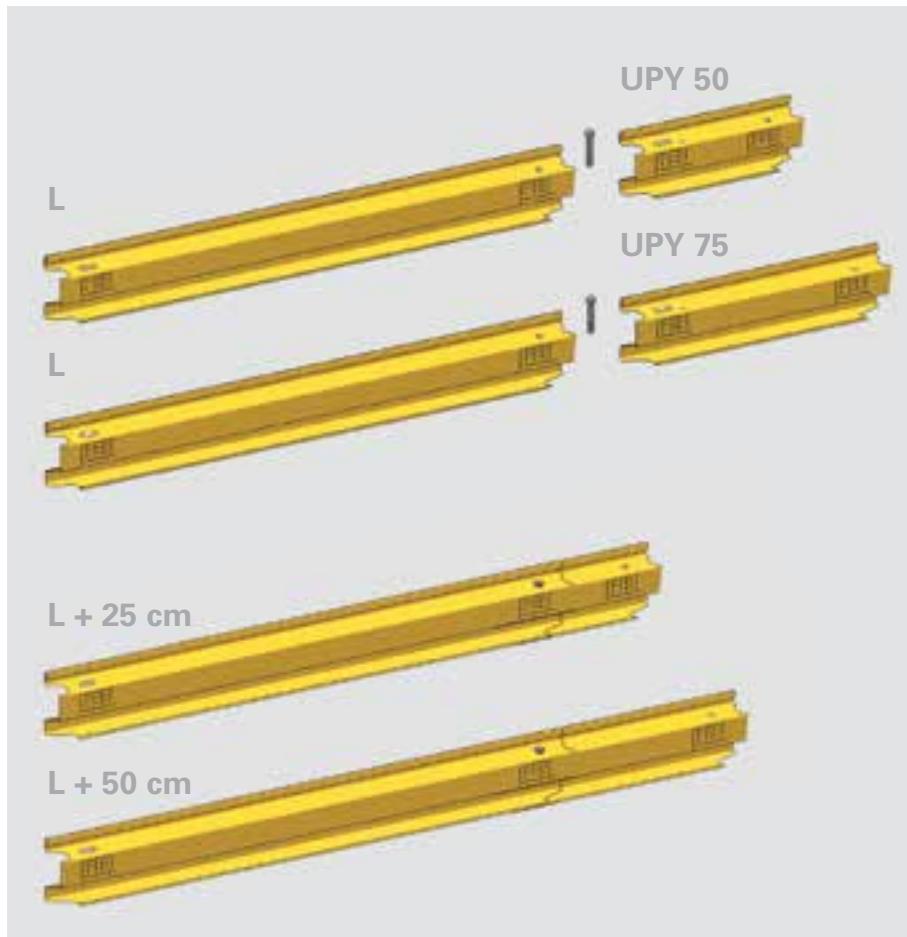
It can also be used over corners – for this, only one of the toe boards has to be turned.

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 guardrails and toe boards.

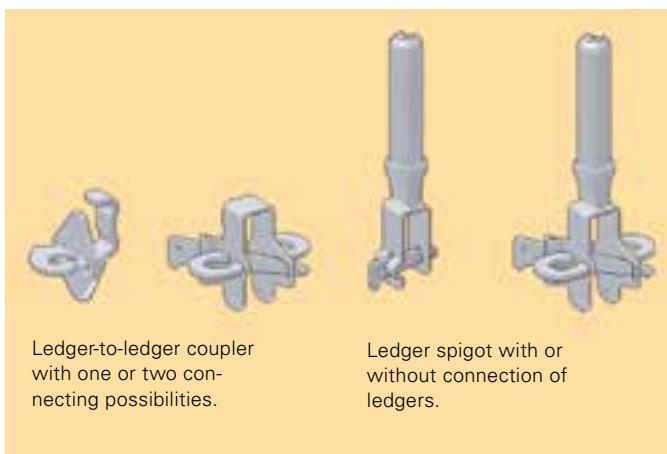


Decks can be arranged as required around openings.

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



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 connection.



Standard-to-ledger connection.

# Ledger to ledger coupler makes circular scaffolding easier

## 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.

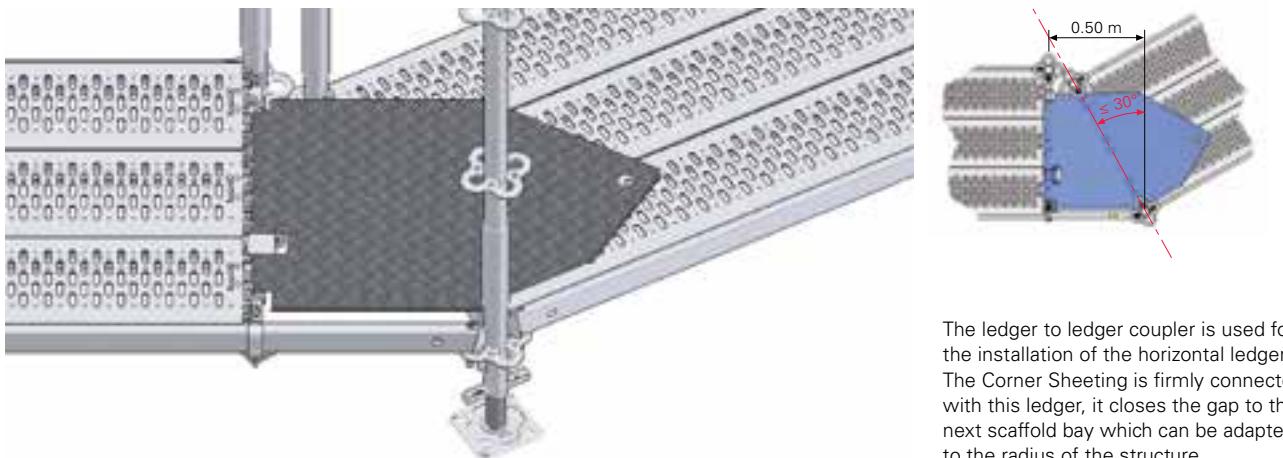
For supporting the decks, ledgers are installed transversely using a ledger to ledger coupler. The trapezoidal-shaped remaining area is closed using the PERI UP Corner Sheeting UPD.



Only one Corner Sheet-ing UPD is sufficient to cover every diameter of circular structures.

The PERI Corner Sheet-ing UPD closes all gaps in the decking between the turned scaffold fields.





The ledger to ledger coupler is used for the installation of the horizontal ledger. The Corner Sheeting is firmly connected with this ledger, it closes the gap to the next scaffold bay which can be adapted to the radius of the structure.

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



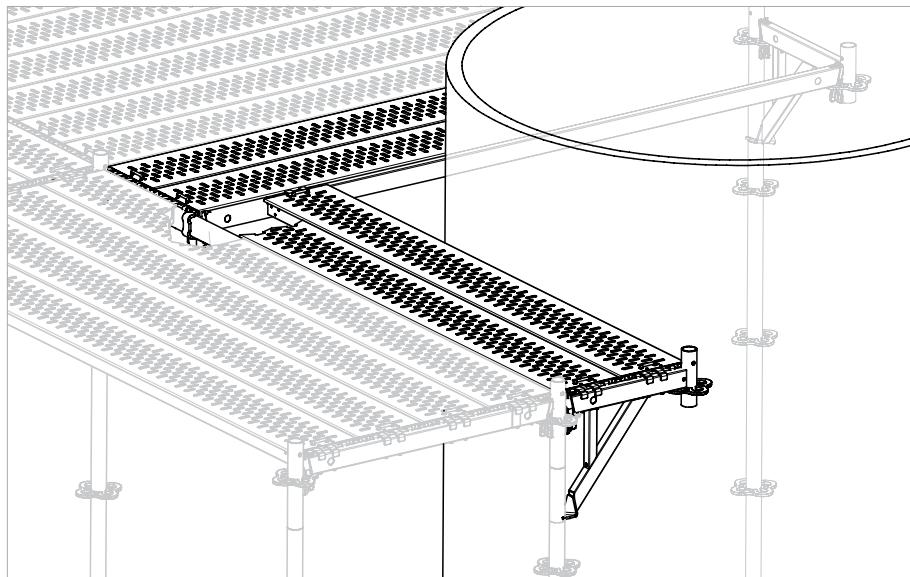
# Widening platforms with new possibilities

## 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.

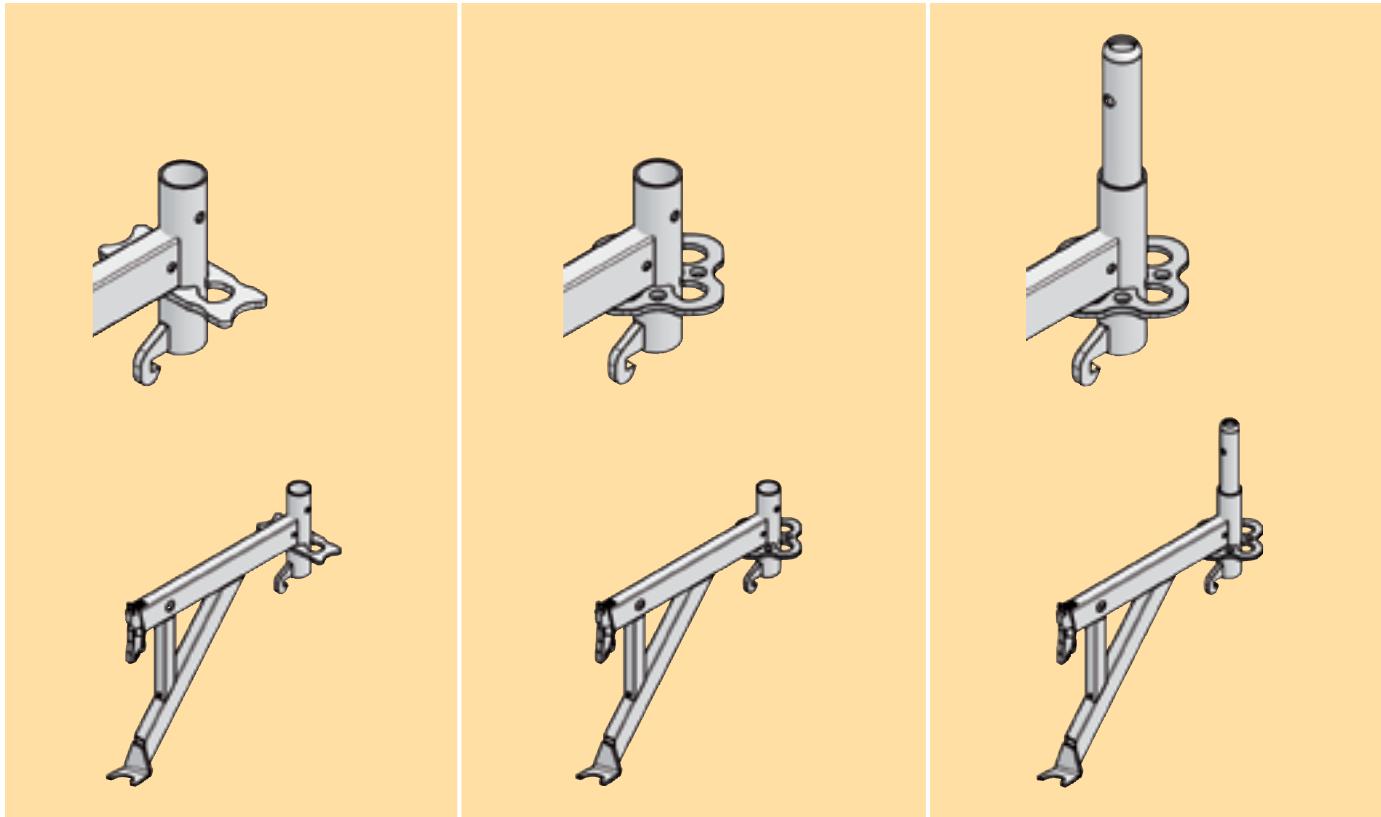
At the ends of the brackets, ledgers and verticals can be attached. Through this, internal corners can be completely covered with decking.



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.**

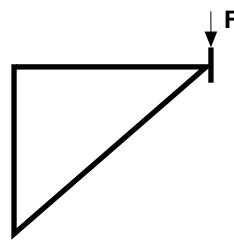
Ledgers can be attached in three directions.

**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



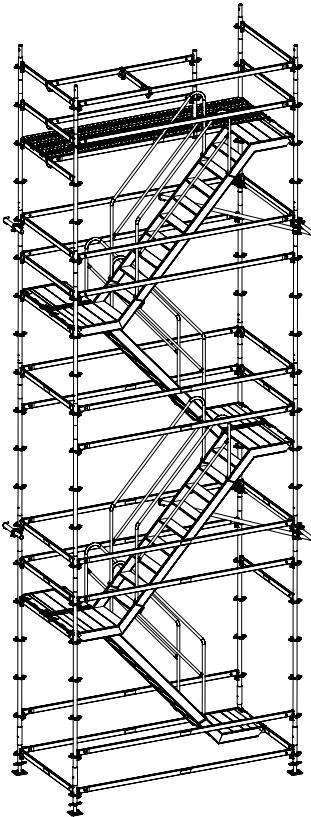
# Access up to 90 m high

## Lightweight stair towers for fast assembly

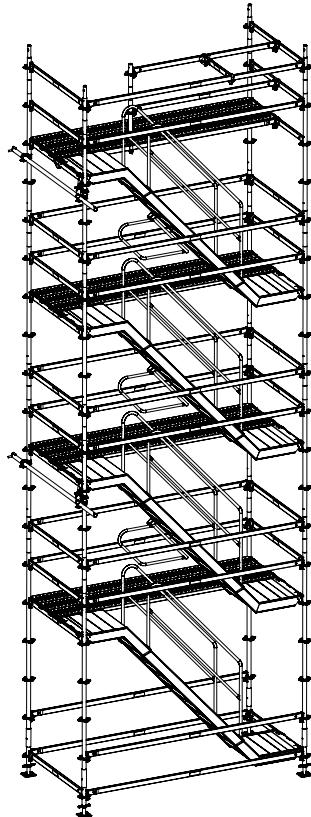
**PERI UP Rosett Flex site stair towers**  
can be used as free-standing and pre-assembled units up to heights of 90 m.

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>.

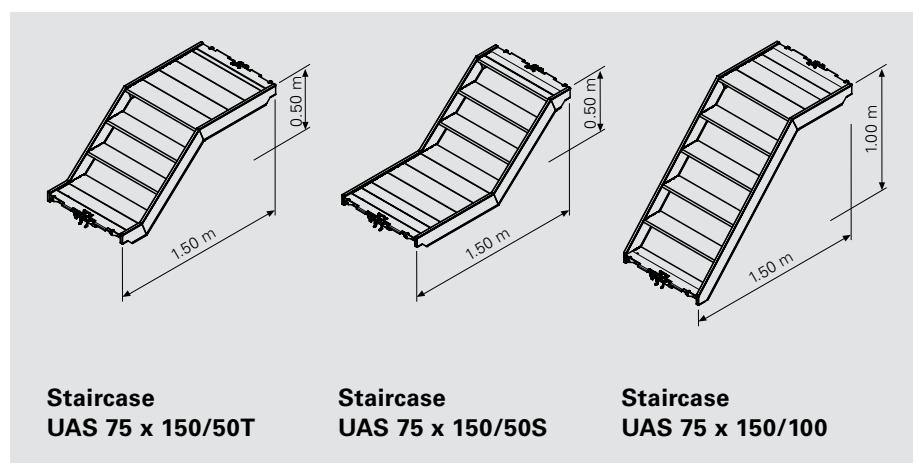


Alternating staircase units offer larger headroom and shorter routes between levels.



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.



Staircase  
UAS 75 x 150/50T

Staircase  
UAS 75 x 150/50S

Staircase  
UAS 75 x 150/100



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.

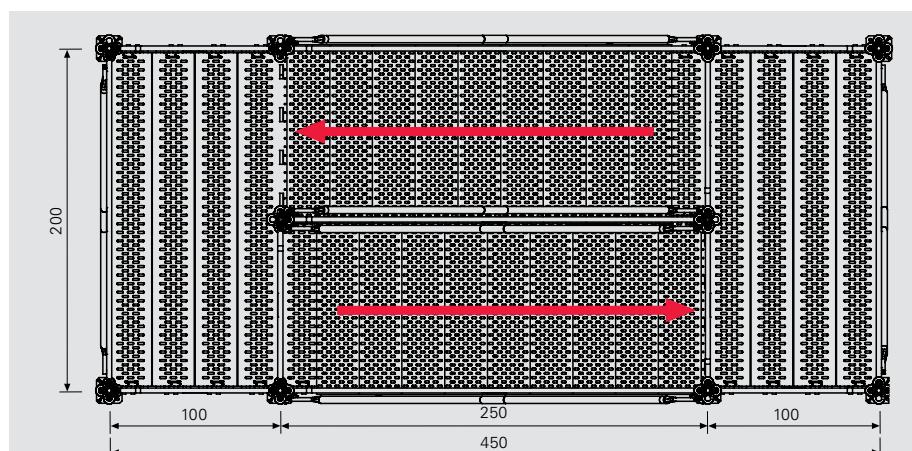
The PERI UP site stair is erected as a 10-leg tower with landing widths of 100 or 125 cm. Together with the step widths of 100 or 125 cm, it provides easy and comfortable access – with room enough to pass.

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.



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

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-sealing.

# PERI UP Rosett Flex Modular Working Scaffold

**PERI**

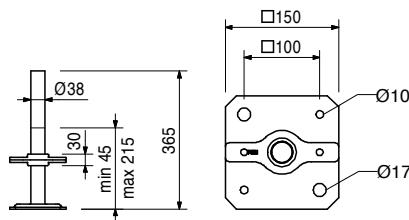
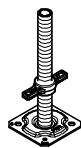
Item no. Weight kg

116762 2,870

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

**Note**

With captive white Quick Jack Nut.



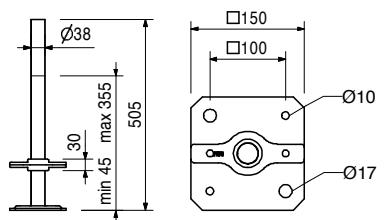
100411

3,420

**Adj. Base Plate UJB 38-50/30**

**Note**

With captive red Quick Jack Nut.



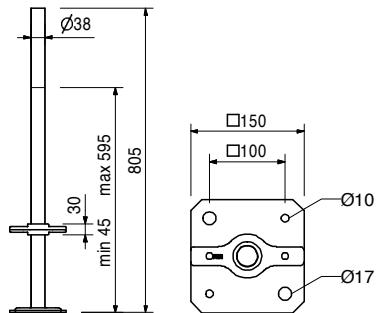
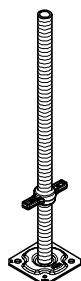
100242

4,610

**Adj. Base Plate UJB 38-80/55**

**Note**

With captive yellow Quick Jack Nut.



019780

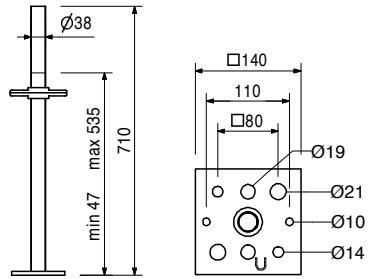
5,250

**Base Spindle TR 38-70/50**

For heavily loaded shoring.

**Note**

With captive silver Quick Jack Nut.



# PERI UP Rosett Flex Modular Working Scaffold

**PERI**

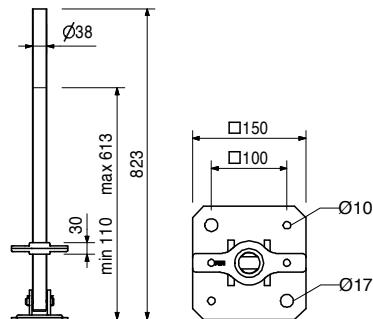
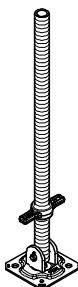
Item no. Weight kg

100159 5,150

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

### Note

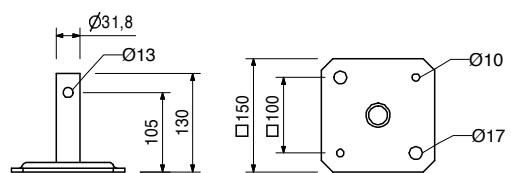
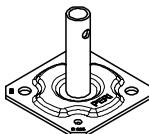
With captive yellow Quick Jack Nut.



100244 1,230

## Base Plate UJP

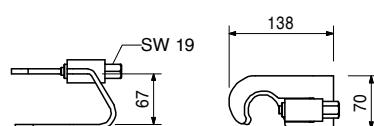
Without height adjustment.



100863 1,020

## Spindle Locking UJS

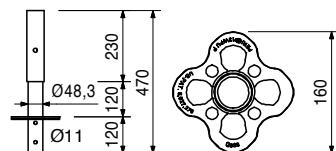
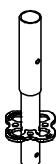
Secures the adjustable base plates Ø 38 mm in the leg while moving.



100014 2,470

## Base Standard UVB 24

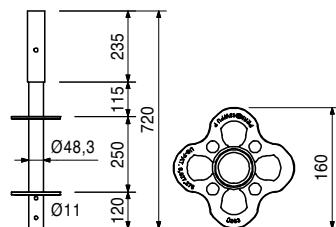
For assembly directly on the base spindle.



117194 3,980

## Base Standard UVB 49

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

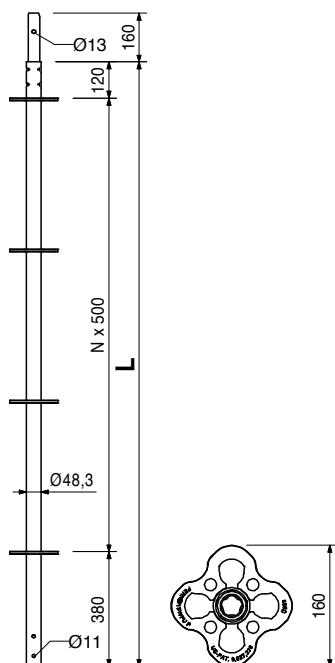
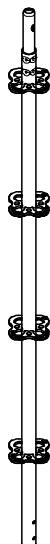


# PERI UP Rosett Flex Modular Working Scaffold

**PERI**

Item no. Weight kg

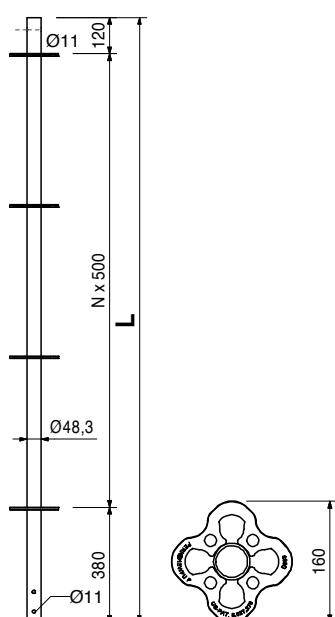
		<b>Standards UVR</b>	<b>L</b>
102859	3,080	<b>Standard UVR 50</b>	500
101306	5,380	<b>Standard UVR 100</b>	1000
102860	7,690	<b>Standard UVR 150</b>	1500
100009	9,990	<b>Standard UVR 200</b>	2000
100012	14,700	<b>Standard UVR 300</b>	3000
100013	19,200	<b>Standard UVR 400</b>	4000



101309	2,510
100000	4,610
117195	7,590
100003	6,920
100005	9,230
100007	11,500

<b>Top Standards UVH</b>	<b>L</b>
<b>Top Standard UVH 50</b>	500
<b>Top Standard UVH 100</b>	1000
<b>Top Standard UVH 125</b>	1250
<b>Top Standard UVH 150</b>	1500
<b>Top Standard UVH 200</b>	2000
<b>Top Standard UVH 250</b>	2500

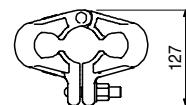
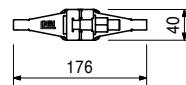
Without spigot for supporting head spindles.



Item no. Weight kg

116306 1,700

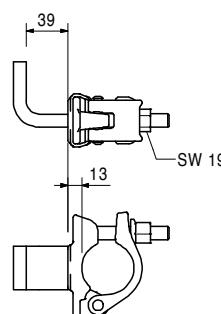
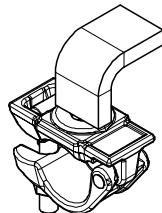
## Rosett Coupler UEV 180°



113726 0,908

## Flange Coupler UEC

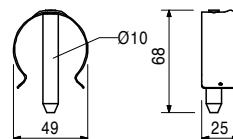
For connecting Scaffold Tubes to Steel Girders with flange.



111053 0,059

## Locking Pin Ø 48/57

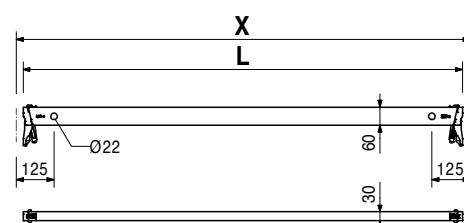
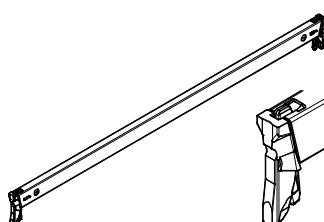
As tension-proof connection of standards with a diameter of 48 up to 57 mm.



		<b>Ledgers UH Plus</b>	<b>L</b>	<b>X</b>	<b>Sticker</b>
114613	1,420	<b>Ledger UH 25 Plus</b>	204	250	
125840	1,770	<b>Ledger UH 37,5 Plus</b>	329	375	
114595	2,070	<b>Ledger UH 50 Plus</b>	454	500	
114629	2,730	<b>Ledger UH 75 Plus</b>	704	750	White
114632	4,460	<b>Ledger UH 100 Plus</b>	954	1000	White
114638	5,430	<b>Ledger UH 125 Plus</b>	1204	1250	
114641	4,710	<b>Ledger UH 150 Plus</b>	1454	1500	
117032	5,380	<b>Ledger UH 175 Plus</b>	1704	1750	
114645	6,040	<b>Ledger UH 200 Plus</b>	1954	2000	White
116356	6,700	<b>Ledger UH 225 Plus</b>	2204	2250	
114648	7,360	<b>Ledger UH 250 Plus</b>	2454	2500	Red
114651	8,680	<b>Ledger UH 300 Plus</b>	2954	3000	Black

### Note

Longitudinally-stamped and with coloured label for easier identification.



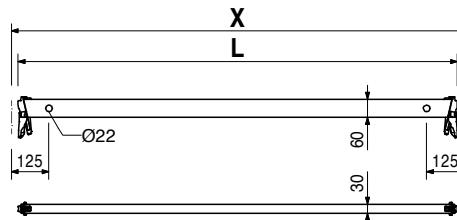
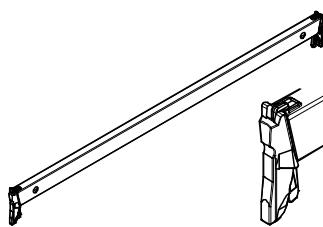
Item no. Weight kg

		<b>Ledgers UH</b>	<b>L</b>	<b>X</b>	<b>Sticker</b>
404780	1,390	<b>Ledger UH 25</b>	204	250	
404779	2,040	<b>Ledger UH 50</b>	454	500	
400017	2,710	<b>Ledger UH 75</b>	704	750	
401159	3,370	<b>Ledger UH 100</b>	954	1000	White
410347	4,020	<b>Ledger UH 125</b>	1204	1250	
400021	4,690	<b>Ledger UH 150</b>	1454	1500	
400023	6,020	<b>Ledger UH 200</b>	1954	2000	White
400025	7,340	<b>Ledger UH 250</b>	2454	2500	Red
400027	8,670	<b>Ledger UH 300</b>	2954	3000	Black

**Note**

Longitudinally-stamped and with coloured label for easier identification.

Ledgers UH can be replaced by ledgers UH Plus.



114681	11,000
114687	14,900
114691	18,100
114695	21,800

**Ledgers UHV Plus**

**Ledger UHV 150 Plus**

**L**

**X**

1454 1500

**Ledger UHV 200 Plus**

1954 2000

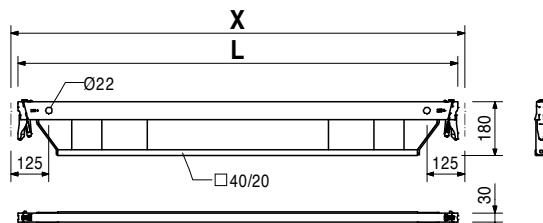
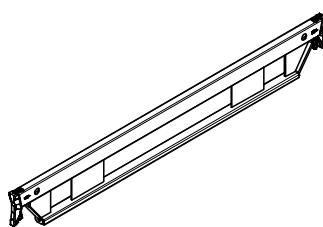
**Ledger UHV 250 Plus**

2454 2500

**Ledger UHV 300 Plus**

2954 3000

For high loads, e.g. material storage.



409107	10,900
409108	14,800
409109	18,000
409110	21,800

**Ledgers UHV**

**Ledger UHV 150**

**L**

**X**

1454 1500

**Ledger UHV 200**

1954 2000

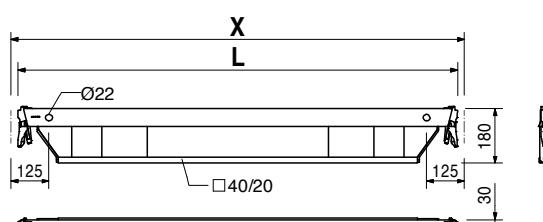
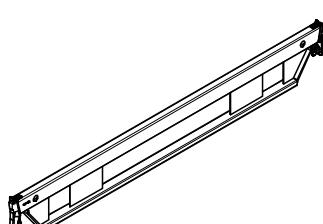
**Ledger UHV 250**

2454 2500

**Ledger UHV 300**

2954 3000

For high loads, e.g. material storage.



# PERI UP Rosett Flex Modular Working Scaffold

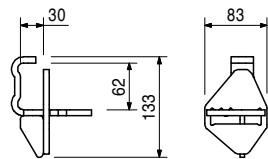
PERI

Item no. Weight kg

101731 0,841

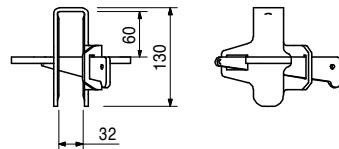
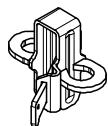
## Ledger to Ledger Coupler UHA

For connecting ledger to ledger at right-angles.



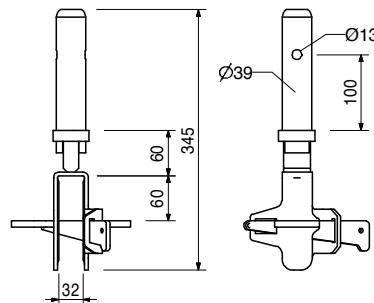
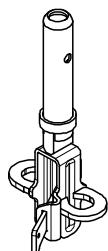
110793 1,090

## Ledger to Ledger Coupler UHA Half



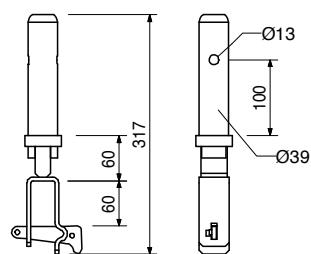
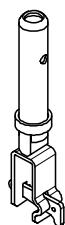
110792 1,880

## Ledger to Ledger Coupler UHA Half w. Spigot



109764 1,220

## UH Spigot



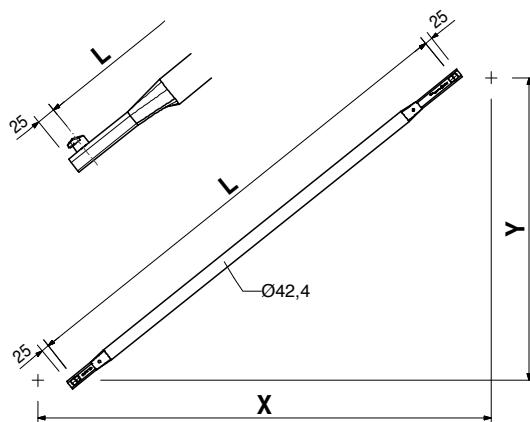
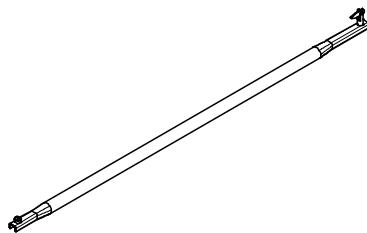
Item no.	Weight kg	Ledger Braces UBL	L	X	Y	Sticker
115156	2,660	<b>Ledger Brace UBL 100/50</b>	901	1000	500	
115513	4,640	<b>Ledger Brace UBL 100/150</b>	1677	1000	1500	
115157	5,810	<b>Ledger Brace UBL 100/200</b>	2136	1000	2000	
107867	3,790	<b>Ledger Brace UBL 150/50</b>	1347	1500	500	
100055	4,440	<b>Ledger Brace UBL 150/100</b>	1601	1500	1000	
102846	5,340	<b>Ledger Brace UBL 150/150</b>	1953	1500	1500	
100057	6,380	<b>Ledger Brace UBL 150/200</b>	2358	1500	2000	
109034	6,740	<b>Ledger Brace UBL 175/200</b>	2500	1750	2000	
104391	5,000	<b>Ledger Brace UBL 200/50</b>	1820	2000	500	
100059	5,500	<b>Ledger Brace UBL 200/100</b>	2016	2000	1000	
102862	6,240	<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	7,580	<b>Ledger Brace UBL 225/200</b>	2829	2250	2000	
100063	6,640	<b>Ledger Brace UBL 250/100</b>	2462	2500	1000	
102861	7,260	<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	7,490	<b>Ledger Brace UBL 300/50</b>	2795	3000	500	
100067	7,830	<b>Ledger Brace UBL 300/100</b>	2926	3000	1000	
104766	8,360	<b>Ledger Brace UBL 300/150</b>	3133	3000	1500	
100069	9,050	<b>Ledger Brace UBL 300/200</b>	3400	3000	2000	Black

Mounted in the holes of the ledger.

#### Note

Longitudinally-stamped and with coloured label for easier identification.

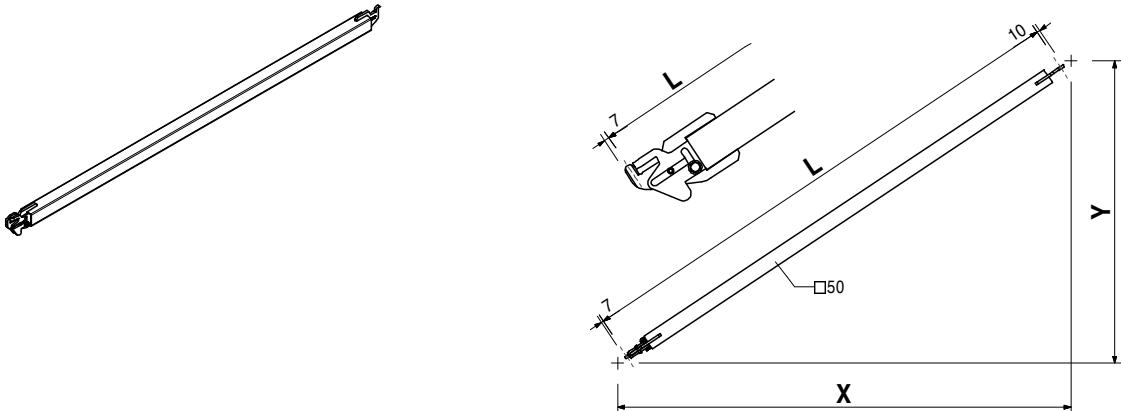
UBL 150/250 identical to UBL 300/50,  
 UBL 225/150 identical to UBL 175/200,  
 UBL 250/50 identical to UBL 200/150,  
 UBL 100/100 identical to Diagonal Strut ST 100  
 (Item no. 019940).



Item no. Weight kg

		<b>H-Braces UBH Flex</b>	<b>L</b>	<b>X</b>	<b>Y</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
124097	7,770	<b>H-Brace UBH Flex 200/150</b>	2422	2000	1500
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
124101	8,990	<b>H-Brace UBH Flex 250/150</b>	2838	2500	1500
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
124105	10,300	<b>H-Brace UBH Flex 300/150</b>	3279	3000	1500
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

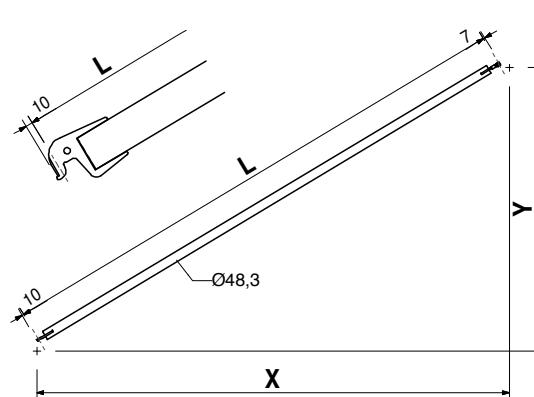
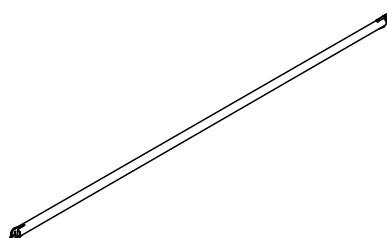
For horizontal bracing of towers. Also useable underneath deckings UDI and UDG.



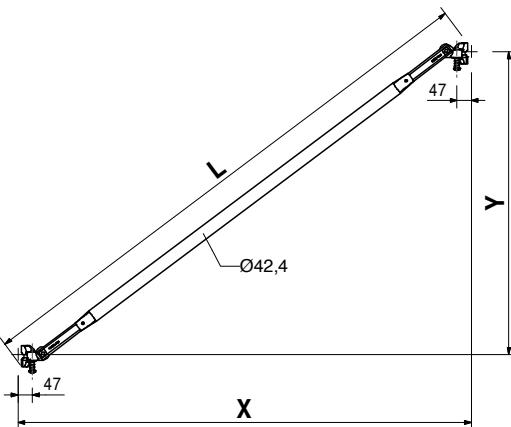
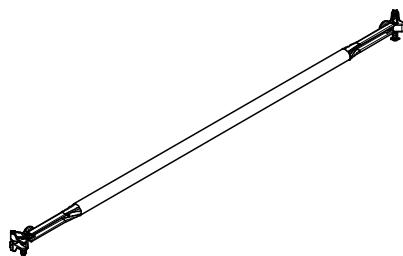
# PERI UP Rosett Flex Modular Working Scaffold

**PERI**

Item no.	Weight kg		L	X	Y
400042	7,350	<b>Horizontal Braces UBH</b>			
407815	8,700	<b>Horizontal Brace UBH 150/150</b>	2042	1500	1500
400047	9,870	<b>Horizontal Brace UBH 200/150</b>	2422	2000	1500
406931	10,200	<b>Horizontal Brace UBH 200/200</b>	2749	2000	2000
404356	11,300	<b>Horizontal Brace UBH 250/150</b>	2838	2500	1500
400049	12,400	<b>Horizontal Brace UBH 250/200</b>	3123	2500	2000
400051	11,800	<b>Horizontal Brace UBH 250/250</b>	3456	2500	2500
423483	12,700	<b>Horizontal Brace UBH 300/150</b>	3279	3000	1500
402617	13,800	<b>Horizontal Brace UBH 300/200</b>	3528	3000	2000
400053	15,000	<b>Horizontal Brace UBH 300/250</b>	3826	3000	2500
		<b>Horizontal Brace UBH 300/300</b>	4164	3000	3000



		<b>Node Braces UBK</b>	L	X	Y	Sticker
124170	6,780	<b>Node Brace UBK 75/200</b>	2190	750	2000	
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



# PERI UP Rosett Flex Modular Working Scaffold

**PERI**

Item no. Weight kg

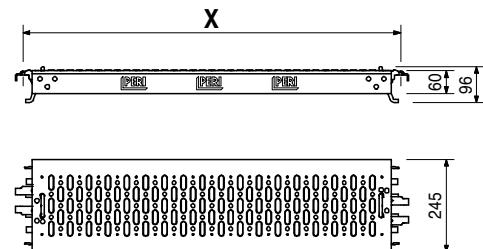
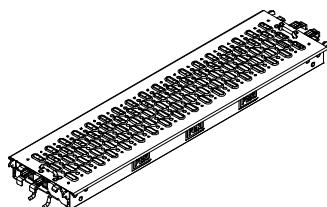
		<b>Industrial Decks UDI 25</b>	<b>X</b>	<b>perm. p [kN/m<sup>2</sup>]</b>	<b>max. p [kN/m<sup>2</sup>]</b>
104029	4,090	<b>Industrial Deck UDI 25 x 50</b>	500	6.0	40.0
105925	5,520	<b>Industrial Deck UDI 25 x 75</b>	750	6.0	40.0
106092	6,950	<b>Industrial Deck UDI 25 x 100</b>	1000	6.0	40.0
106880	8,380	<b>Industrial Deck UDI 25 x 125</b>	1250	6.0	28.4
107002	9,790	<b>Industrial Deck UDI 25 x 150</b>	1500	6.0	19.6
108380	12,700	<b>Industrial Deck UDI 25 x 200</b>	2000	6.0	10.9
108540	15,500	<b>Industrial Deck UDI 25 x 250</b>	2500	4.5	6.9
108689	18,400	<b>Industrial Deck UDI 25 x 300</b>	3000	3.0	4.7

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

		<b>Industrial Decks UDI 37.5</b>
111685	5,110	<b>Industrial Deck UDI 37.5 x 50</b>
111687	6,790	<b>Industrial Deck UDI 37.5 x 75</b>
111686	8,460	<b>Industrial Deck UDI 37.5 x 100</b>
111860	10,100	<b>Industrial Deck UDI 37.5 x 125</b>
111863	11,800	<b>Industrial Deck UDI 37.5 x 150</b>
111864	15,200	<b>Industrial Deck UDI 37.5 x 200</b>
111865	18,500	<b>Industrial Deck UDI 37.5 x 250</b>
111969	21,900	<b>Industrial Deck UDI 37.5 x 300</b>

Mounted on Ledgers UH.

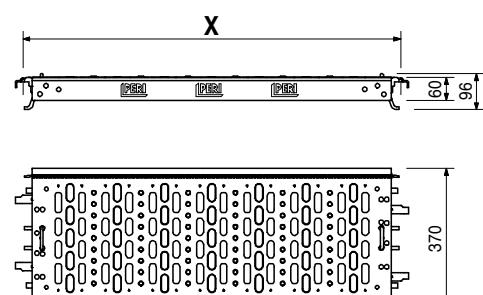
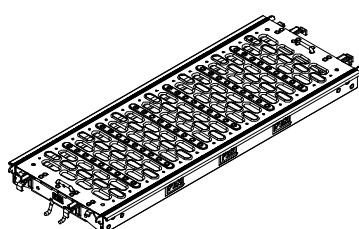
		<b>X</b>	<b>perm. p [kN/m<sup>2</sup>]</b>	<b>max. p [kN/m<sup>2</sup>]</b>
500	6.0	40.0		
750	6.0	26.7		
1000	6.0	20.0		
1250	6.0	16.0		
1500	6.0	13.3		
2000	6.0	10.0		
2500	4.5	7.5		
3000	3.0	5.2		

## Note

UDI 37.5 is offered as a „safe assembly“.

perm. p according to DIN EN 12811-1.

max. p = maximum possible load without deflection limitation.



# PERI UP Rosett Flex Modular Working Scaffold

**PERI**

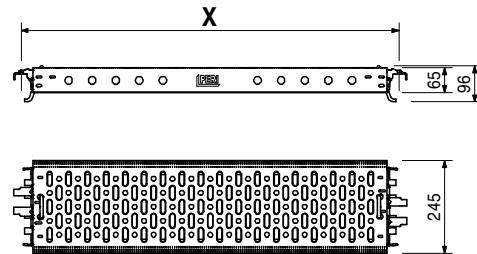
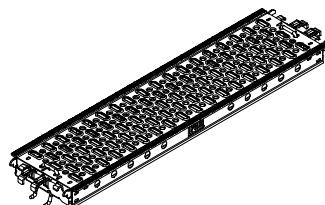
Item no. Weight kg

		<b>Steel Decks UDG 25</b>	<b>X</b>	<b>perm. p [kN/m<sup>2</sup>]</b>	<b>max. p [kN/m<sup>2</sup>]</b>
124124	3,810	<b>Steel Deck UDG 25 x 50</b>	500	6.0	40.0
124121	5,180	<b>Steel Deck UDG 25 x 75</b>	750	6.0	40.0
124118	6,550	<b>Steel Deck UDG 25 x 100</b>	1000	6.0	40.0
124115	7,940	<b>Steel Deck UDG 25 x 125</b>	1250	6.0	28.4
124112	9,330	<b>Steel Deck UDG 25 x 150</b>	1500	6.0	19.6
124109	12,200	<b>Steel Deck UDG 25 x 200</b>	2000	6.0	10.9
123771	14,900	<b>Steel Deck UDG 25 x 250</b>	2500	4.5	6.9
124915	17,700	<b>Steel Deck UDG 25 x 300</b>	3000	3.0	4.7

Mounted on Ledgers UH.

## Note

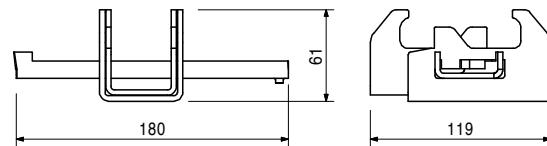
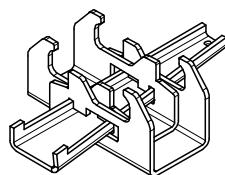
perm. p according to DIN EN 12811-1.  
max. p = maximum possible load without deflection limitation.



111011 0,797

## Deck Link Plate UDC

Connects two industrial decks.



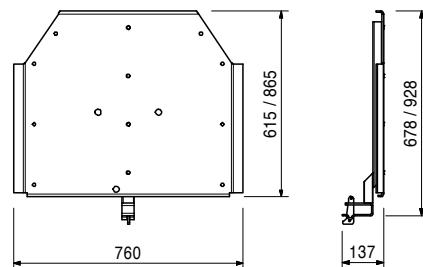
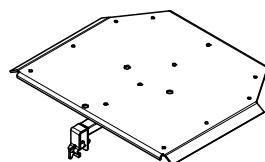
111101 7,780  
112809 10,900

## Bottom Sheetings UDP

### Bottom Sheeting UDP 75

### Bottom Sheeting UDP 100

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



# PERI UP Rosett Flex Modular Working Scaffold

**PERI**

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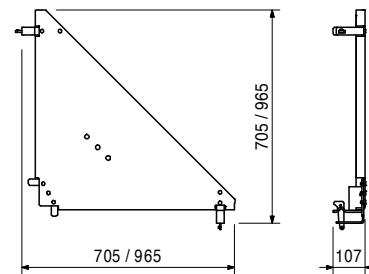
114148	4,890
113358	10,000

**Corner Sheetings UDC**

**Corner Sheeting UDC 75**

**Corner Sheeting UDC 100**

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



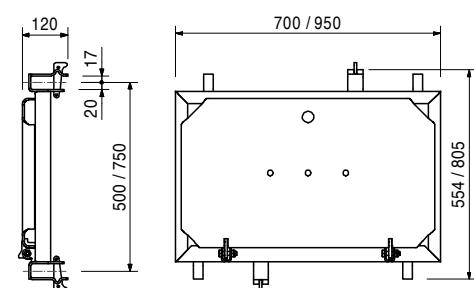
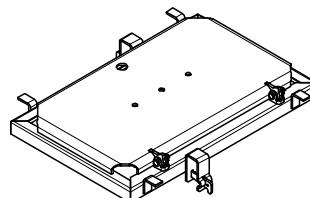
109783	9,330
109755	15,700

**Hatches UAF**

**Hatch UAF 50 x 75**

**Hatch UAF 75 x 100**

Mounted on UH Ledgers.



109879	3,820
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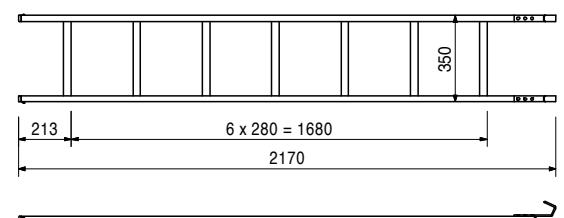
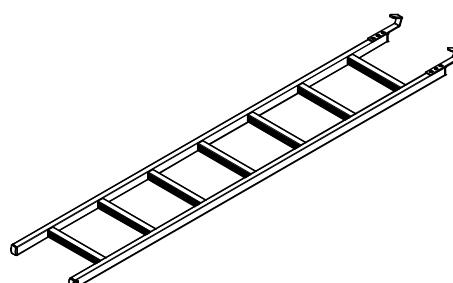
Accessories

**Ladder UAF 200, Alu**

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

For mounting to Hatch UAF.



# PERI UP Rosett Flex Modular Working Scaffold

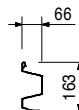
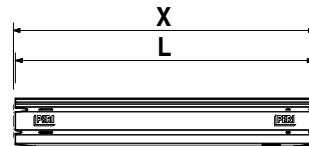
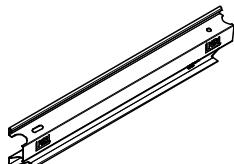
**PERI**

Item no. Weight kg

		<b>Toeboards Steel UPY</b>	<b>L</b>	<b>X</b>
110213	0,928	<b>Toeboard Steel UPY 50</b>	486	500
110526	1,380	<b>Toeboard Steel UPY 72</b>	706	720
110514	1,440	<b>Toeboard Steel UPY 75</b>	736	750
110073	1,960	<b>Toeboard Steel UPY 100</b>	986	1000
110076	2,050	<b>Toeboard Steel UPY 104</b>	1016	1040
110160	3,000	<b>Toeboard Steel UPY 150</b>	1486	1500
110176	4,030	<b>Toeboard Steel UPY 200</b>	1986	2000
110208	5,060	<b>Toeboard Steel UPY 250</b>	2486	2500
110211	6,100	<b>Toeboard Steel UPY 300</b>	2986	3000

**Note**

Surface: galvanized and yellow coated.



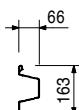
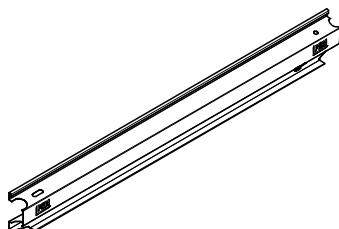
117495	0,927
117938	1,380
117518	1,440
117981	1,960
123597	2,040
123694	3,000
123696	4,030
123698	5,060
123700	6,100

<b>Toeboards Steel UPY, galv.</b>		
<b>Toeboard Steel UPY 50, galv.</b>	486	500
<b>Toeboard Steel UPY 72, galv.</b>	706	720
<b>Toeboard Steel UPY 75, galv.</b>	736	750
<b>Toeboard Steel UPY 100, galv.</b>	986	1000
<b>Toeboard Steel UPY 104, galv.</b>	1026	1040
<b>Toeboard Steel UPY 150, galv.</b>	1486	1500
<b>Toeboard Steel UPY 200, galv.</b>	1986	2000
<b>Toeboard Steel UPY 250, galv.</b>	2486	2500
<b>Toeboard Steel UPY 300, galv.</b>	2986	3000

<b>L</b>	<b>X</b>
486	500
706	720
736	750
986	1000
1026	1040
1486	1500
1986	2000
2486	2500
2986	3000

**Note**

Surface: galvanized.



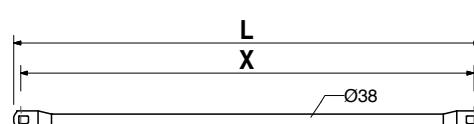
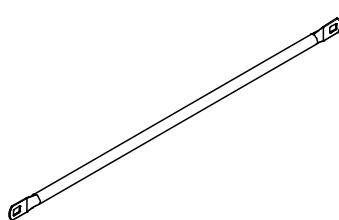
100265	2,410
100266	3,220
100267	4,020
100268	4,820

<b>Guardrails UPG</b>		
<b>Guardrail UPG 150</b>	1546	1500
<b>Guardrail UPG 200</b>	2046	2000
<b>Guardrail UPG 250</b>	2546	2500
<b>Guardrail UPG 300</b>	3046	3000

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

**Note**

Longitudinally-stamped and with coloured label for easier identification.



# PERI UP Rosett Flex Modular Working Scaffold

**PERI**

Item no.	Weight kg
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104412	0,711
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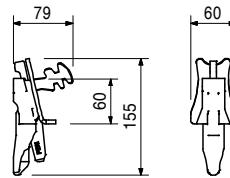
## Guardrail Coupler UPW

For mounting the Guardrail UPG to the rosettes.



## Note

Assembly with guardrail in advance.

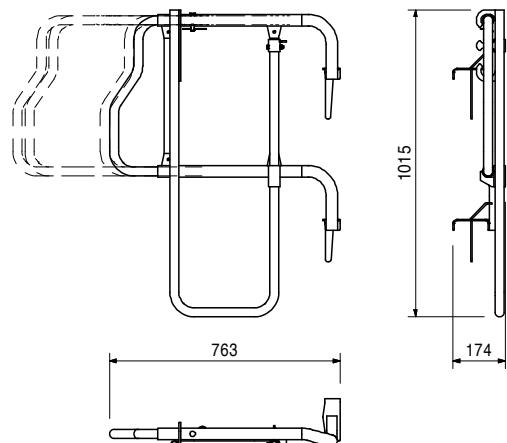
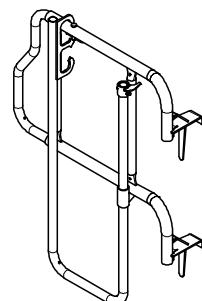


115655	11,100
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## End Guardrail in Advance UPA Rosett

## Note

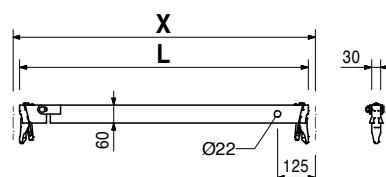
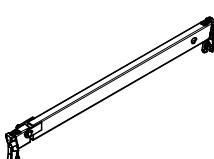
With extendible Guardrail, fits in R72, R75, R100 and R104.



110072	4,050
116695	4,630
117192	4,310

**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

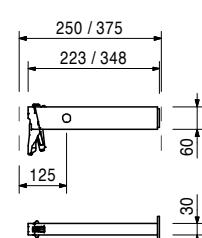


115959	1,150
115962	1,480

**Supports UC**  
**Support UC 25**  
**Support UC 37.5**

## Note

Small console with end stop for the secure positioning of the decks.



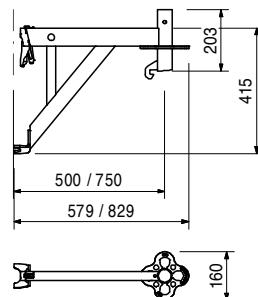
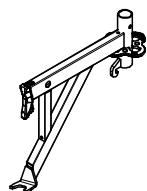
# PERI UP Rosett Flex Modular Working Scaffold

**PERI**

Item no.	Weight kg
----------	-----------

	<b>Consoles UCM</b>
110483	4,480
111128	5,720

With connection for Console Bracket Brace UCM.



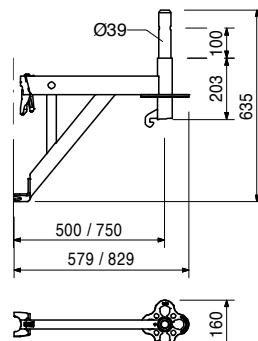
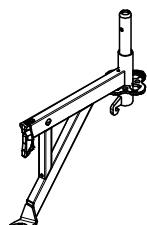
## Accessories

111053	0,059
100301	1,020

### **Consoles UCM with Spigot**

112676	5,270
112678	6,510

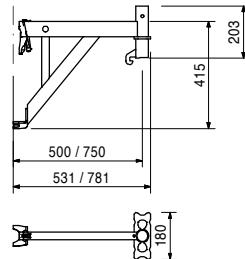
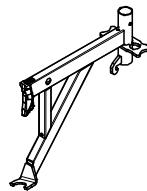
With connection for Console Bracket Brace UCM.



### **Consoles UCM with half Rosett**

112690	4,380
112693	5,620

With connection for Console Bracket Brace UCM.



## Accessories

111053	0,059
100301	1,020

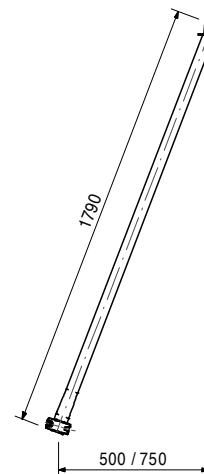
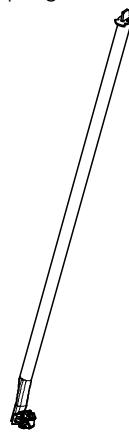
<b>Locking Pin Ø 48/57</b>
<b>Spigot ULT 32</b>

Item no. Weight kg

112717 7,000

### Console Bracket Brace UCM

For increasing the load-carrying capacity of  
Consoles UCM 50 and UCM 75 with yellow cou-  
pling.



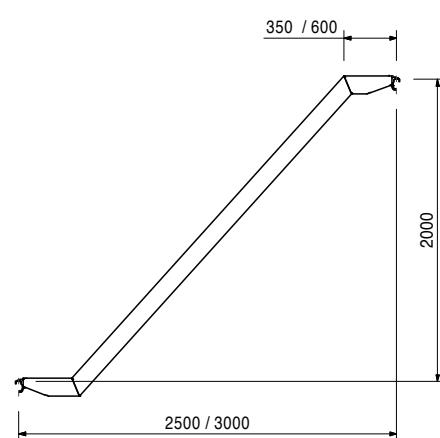
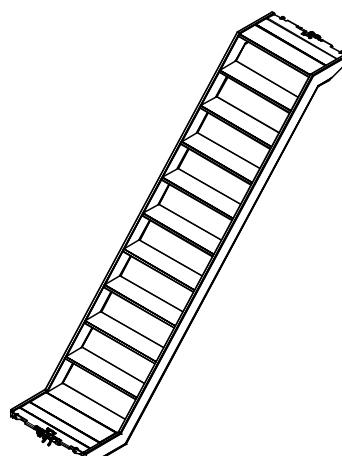
111117	28,000
111124	32,900

**Staircases UAS 75, Alu**  
**Staircase UAS 75 x 250/200, Alu**  
**Staircase UAS 75 x 300/200, Alu**

Assembly on Ledgers UH.

### Technical Data

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



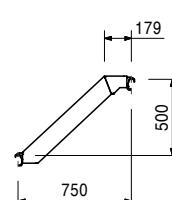
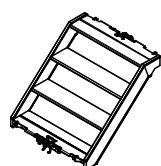
113228 10,100

### Staircase UAS 75 x 75/50, Alu

Assembly on Ledgers UH.

### Technical Data

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



# PERI UP Rosett Flex Modular Working Scaffold

PERI

Item no. Weight kg

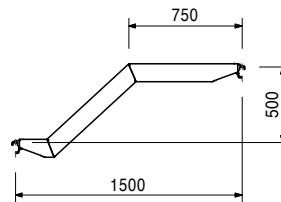
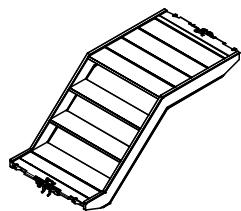
111087 17,500

## Staircase UAS 75 x 150/50 T, Alu

Assembly on Ledgers UH.

### Technical Data

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



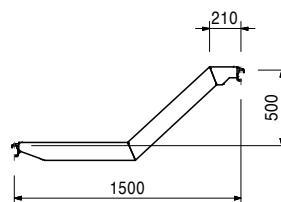
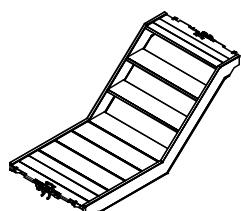
111095 17,500

## Staircase UAS 75 x 150/50 S, Alu

Assembly on Ledgers UH.

### Technical Data

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



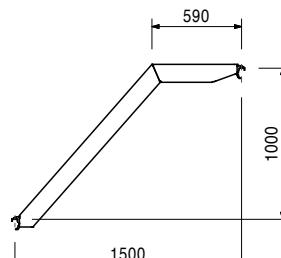
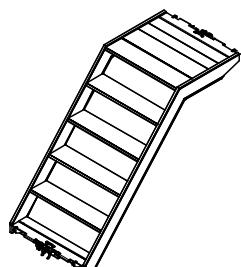
111103 17,900

## Staircase UAS 75 x 150/100, Alu

Assembly on Ledgers UH.

### Technical Data

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



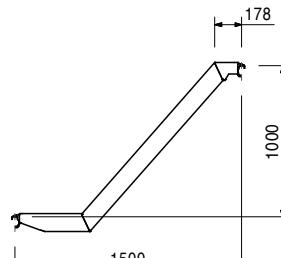
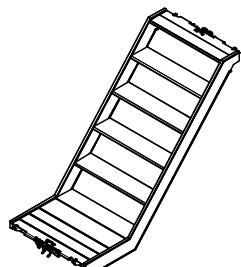
114536 17,900

## Staircase UAS 75 x 150/100 S, Alu

Assembly on Ledgers UH.

### Technical Data

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



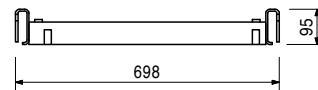
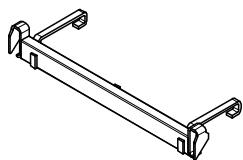
# PERI UP Rosett Flex Modular Working Scaffold

PERI

Item no.	Weight kg
115189	3,080

## Waler on Staircase UAS 75

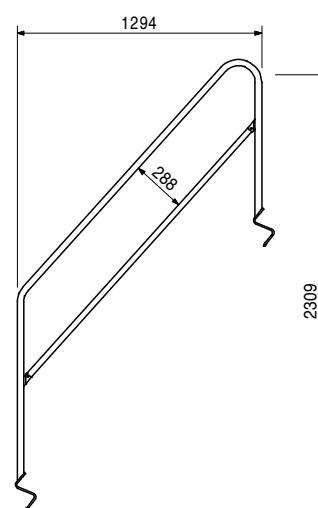
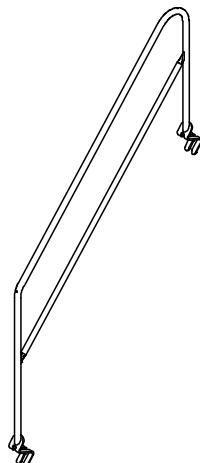
Mounted on the treads of the staircase. Allows installation of Industrial Decks Steel UDI or UDG.



100742	10,000
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## Stair Guardrail UAG

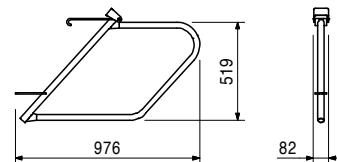
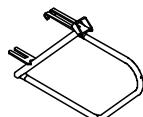
Suitable for Staircases UAS 64 x 250/200, UAS 64 x 300/200, UAS 75 x 250/200 and UAS 75 x 300/200 as internal and external guardrails.



100830	4,970
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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.



# PERI UP Rosett Flex Modular Working Scaffold

**PERI**

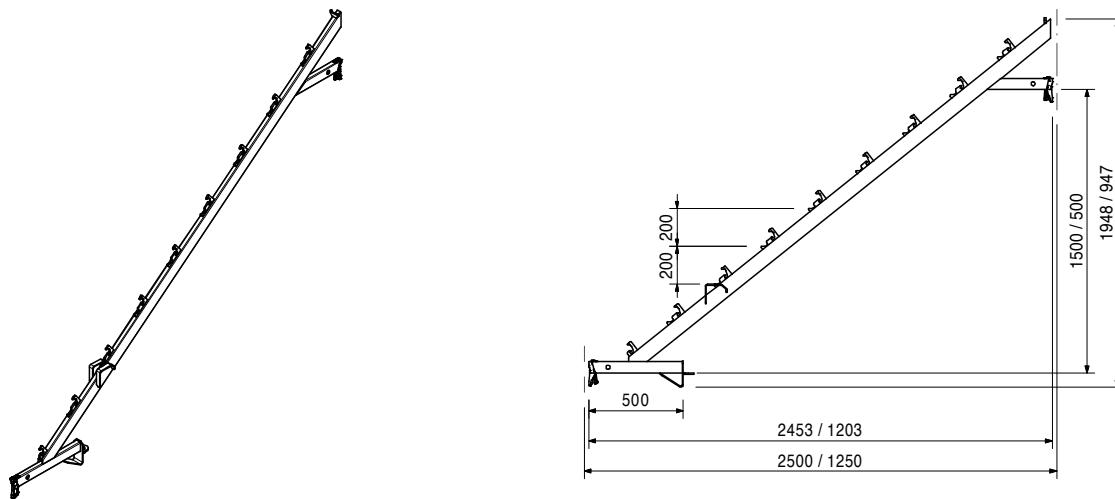
Item no.	Weight kg
----------	-----------

114731	9,780
109219	15,800

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

## Technical Data

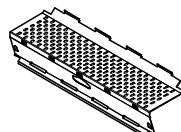
Permissible load 3.0 KN/m<sup>2</sup>.



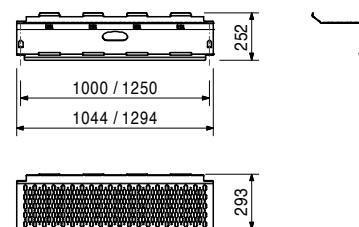
109198	7,390
114179	9,250

**Stair Steps UAR**  
**Stair Step UAR 100**  
**Stair Step UAR 125**

Tread for Stair Stringer UA. Non-slip due to perforated surface.



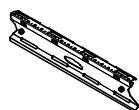
**Technical Data**  
 Permissible load 3.0 kN/m<sup>2</sup>.



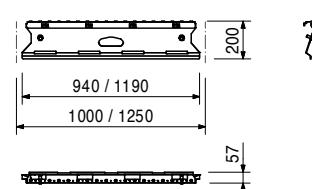
109208	5,610
114180	6,590

**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>.



# PERI UP Rosett Flex Modular Working Scaffold

**PERI**

Item no. Weight kg

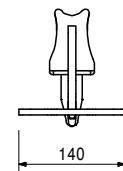
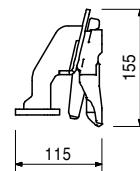
124266 1,240

## Distance Piece UA 76



### Note

Allows connection of Node Braces UBK as guardrail with 76 mm distance to all crossing parts.



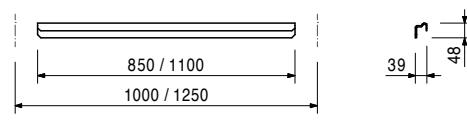
114349	0,770
114621	0,997

### Edge Profiles UH

#### Edge Profile UH 100

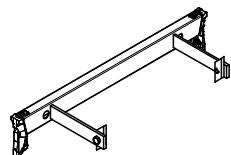
#### Edge Profile UH 125

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



124813	4,050
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## Ladder Connection UAC-2

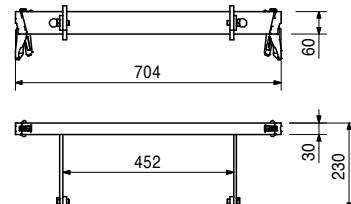


### Complete with

1 pc. 051410 Ladder 180/6, galv.

### Note

For connection of ladder 180/6 (Art.-No 051410) with PERI UP standards.



051410	11,700
051460	2,180
103724	10,400
104132	15,600
051450	25,200

### Accessories

#### Ladder 180/6, galv.

#### Ladder Base, galv.

#### End Ladder 180/2, galv.

#### Ladder Safety Cage 75, galv.

#### Ladder Safety Cage 150, galv.

# PERI UP Rosett Flex Modular Working Scaffold

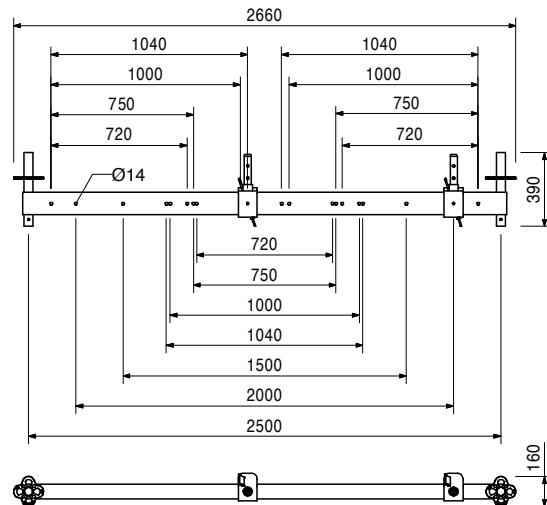
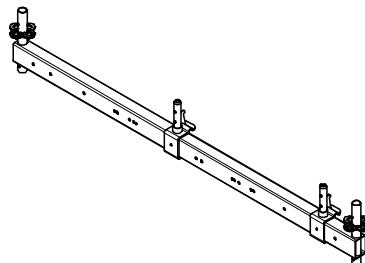
**PERI**

Item no. Weight kg

100870 40,700

## Base Beam UVA 250

For free-standing and mobile scaffold units. For symmetric and antimetric 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.



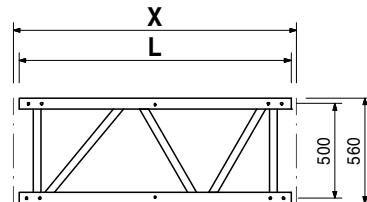
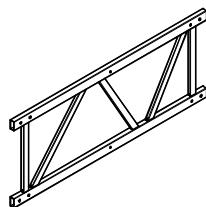
124781	15,400
124790	12,700
124795	10,500

- Additional Elements ULS Flex**
- Additional Element ULS 150 Flex**
- Additional Element ULS 125 Flex**
- Additional Element ULS 100 Flex**

L	X
1441	1500
1191	1250
941	1000

### Note

Only usable with End Element ULS 50 Flex and Connector ULS Flex.



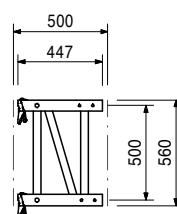
124805	6,480
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## End Element ULS 50 Flex



### Note

End element for the extension of Additional Element ULS Flex.



# PERI UP Rosett Flex Modular Working Scaffold

PERI

Item no. Weight kg

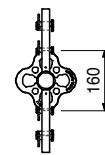
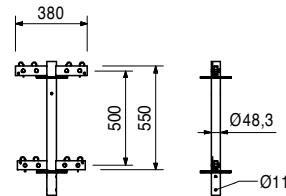
124806 5,990

## Connector ULS Flex



## Complete with

8 pc. 124771 Bolt Ø 12 x 44, galv.  
8 pc. 018060 Cotter Pin 4/1, galv.



113832 0,035

## PERI UP Scaffold Tag

To cordon off scaffolding areas not yet authorized for use. With the exception of inserting the PERI UP Assembly Certificate.



Item no. Weight kg

	<b>PERI UP Assembly Certificate</b>
113833	0,005
113834	0,005
113829	0,005
113835	0,005
113836	0,005
113837	0,005
113838	0,005
113839	0,005
115739	0,005
115729	0,005
125180	0,005
124052	0,005
124645	0,005
117692	0,010
126647	0,005

Inserted into the PERI UP Scaffold Tag.

## Note

Front side:  
Assembly report for release of scaffolding.  
Rear side:  
Test report

Inspection Record		
Inspection by qualified person only		
<b>Important</b> Any modifications made to the scaffold, e.g. removal of anchors, may only be carried out by the scaffoldier.		
Date	Time	Signature
Scaffold is no longer authorized for use:		

Assembly Certificate	
To be completed by the supervisor	
Installation location Position _____ Client _____ Supervisor _____ Date _____ Signature _____	
Working scaffold according to EN 12811, for Load Class <input type="checkbox"/> W0 0.5 < w < 1.0 m <input checked="" type="checkbox"/> W0 0.5 < w < 1.0 m <input type="checkbox"/> W0 0.5 < w < 1.2 m <input type="checkbox"/> W12-W24 w ≥ 1.2 m	
<b>Handing-Over Certificate</b> <small>To be completed by the inspecting person</small>	
Name _____ Signature _____ Date/Time _____ Remarks _____ <small>© 2007 PERI Universal Signs International GmbH</small>	



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