

PEP Ergo Slab Props

High load-bearing capacity with low self-weight



PERI PEP Ergo

The new generation of slab props

With the PEP Ergo, PERI presents a new generation of props which are characterised by a further increase in load-bearing capacity and many trend-setting detailed solutions with low individual component weights.

The design of the PEP Ergo props is in dependence on the European standard specifications.

■ High load-bearing capacity = fewer props

The capacity factor – defined as the load-bearing capacity to prop weight ratio – can reach up to 70% above the values of comparable slab props.

PERI PEP Ergo props fully comply with Load Class B resp. D of EN 1065. The max. bearing capacity is 35 kN.



The PEP Ergo B-300 weighs only 13.9 kg and carries as maximum 30 kN.

■ **Large adjustment range = fast forming**

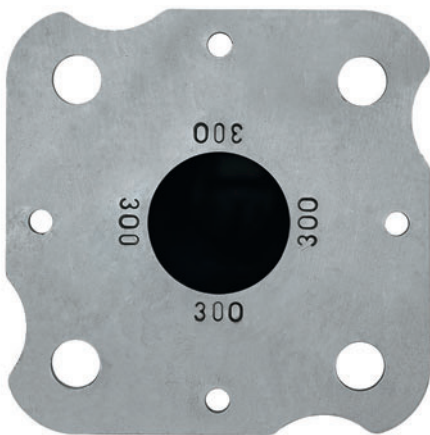
Due to the large adjustment range of 12 cm, the G-hook only seldom needs to be re-positioned. In addition, the proven, integrated measuring scale in the form of stamped numbers on the inner tube ensures efficient and error-free working on the construction site.

■ **Low risk of injury = safe forming**

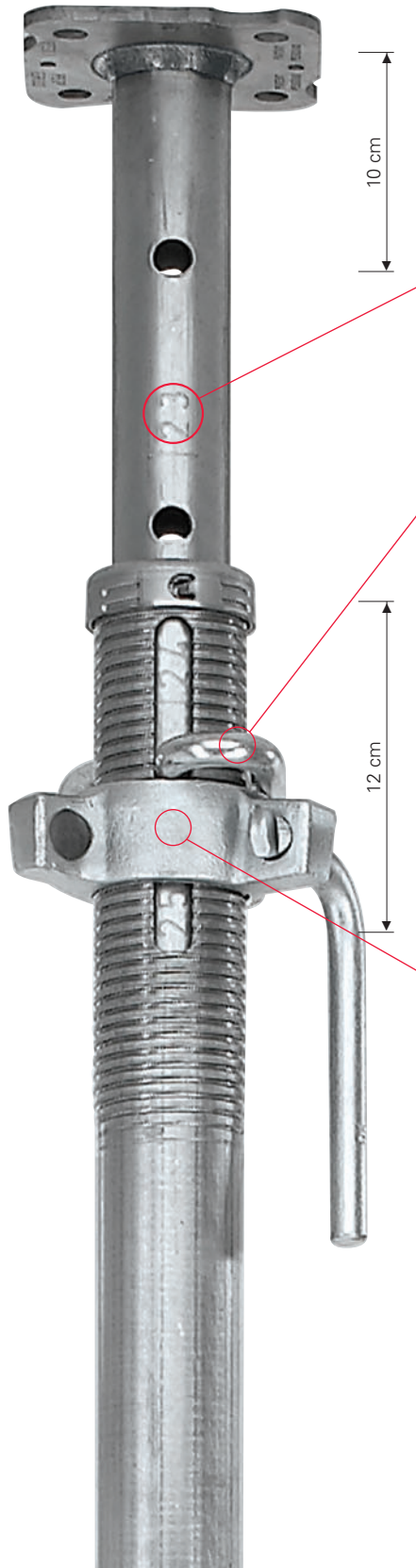
The integrated anti-pinch feature with a safety clearance of 10 cm at the top end protects the user against injury. The integrated fail-safe device prevents the inner tube from unintentionally falling out.

■ **Simple logistics**

Robust, always visible and easily readable stamped indicia on the head and base plates ensure fast and safe identification of the stored props also within the stacking pallets.



The length stamping on the PEP Ergo props is clearly readable.



Low risk of injury

The integrated 10 cm safety clearance protects against injuries.

Stamped measuring scale

For faster prop length adjustment. Stamped numbers on the inner tube show the overall length in dm, readable at the end of the outer tube.

Good handling

The G-hook is ergonomically formed and can be securely clamped.

Generous adjustment range

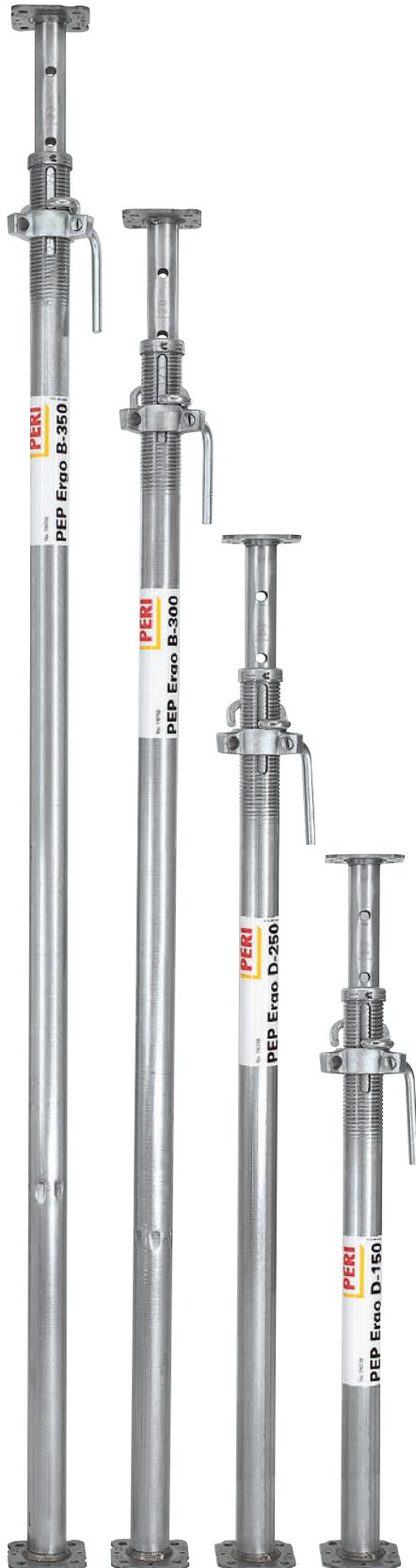
The large adjustment range of 12 cm makes frequent pin adjustment unnecessary.

High grade three-wing nut.

High-quality nut with hardened bearing surface and double-thread for easy loosening even under full loads.

PERI PEP Ergo

Well-developed features for faster forming



■ Long service life

The complete galvanisation of all surfaces guarantees a long service life. The new closing nut additionally provides a unique repair capability. This allows defective inner and outer tubes to be easily replaced.

■ Assembly of accessories

Naturally, the use of all PERI props heads (supports) is guaranteed and is also usable on both sides through the identical end plates on the inner and outer tubes.



GRIDFLEX Prophead GFH fitted to the inner tube.



MULTIFLEX Crosshead fitted to the outer tube.

■ **New adjusting nut**

The form of the lowering nut dictates the direction of lowering the load and ensures that lowering is carefully carried out also under maximum load.



The adjusting nut has a generously-sized hammer striking face and determines the impact direction.



PERI Ergo props can be easily adjusted with the help of the captive handgrip.

■ **Assembly aids**

The PERI Ergo tripod or the PERI PRK frame are used as assembly aids.



The PERI Ergo tripod and the PERI PRK frame are used as assembly aids.

Slab Props

PEP Ergo

Permissible Prop Load [kN]

Extension Length [m]	PEP Ergo D-150 L = 0,96 – 1,50 m		PEP Ergo D-250 L = 1,47 – 2,50 m		PEP Ergo B-300 L = 1,97 – 3,00 m		PEP Ergo B-350 L = 2,25 – 3,50 m	
	Outer Tube Bottom	Inner Tube Bottom	Outer Tube Bottom	Inner Tube Bottom	Outer Tube Bottom	Inner Tube Bottom	Outer Tube Bottom	Inner Tube Bottom
1,00	30,0	30,0						
1,10	30,0	30,0						
1,20	30,0	30,0						
1,30	30,0	30,0						
1,40	28,4	30,0						
1,50	26,4	30,0	35,0	35,0				
1,60			35,0	35,0				
1,70			32,8	35,0				
1,80			30,7	35,0				
1,90			29,1	35,0				
2,00			28,1	35,0	30,0	30,0		
2,10			27,2	35,0	29,8	30,0		
2,20			26,4	34,0	27,0	30,0		
2,30			25,7	32,3	24,6	30,0	30,0	28,6
2,40			24,2	29,4	23,0	30,0	28,6	28,6
2,50			22,4	26,2	21,4	30,0	25,5	28,6
2,60					20,3	29,5	23,1	28,3
2,70					19,3	27,4	21,2	28,0
2,80					18,2	24,8	19,8	27,4
2,90					16,9	22,2	18,6	26,0
3,00					15,6	20,2	17,5	24,4
3,10							16,3	22,7
3,20							15,2	20,8
3,30							14,2	19,0
3,40							13,2	17,4
3,50							12,4	15,7

Note:

- The load-bearing capacity of the PERI PEP Ergo D-150 and PEP Ergo D-250 props corresponds to Class D of DIN EN 1065.
- The PEP Ergo D-250 prop additionally corresponds to Class B of DIN EN 1065.
- The load-bearing capacity of the PERI PEP Ergo B-300 and PEP Ergo B-350 props corresponds to Class B of DIN EN 1065.
- Construction Approval No. Z-8.331-934 by the Deutsches Institut für Bautechnik.
- All values are Service Loads.

PEP Ergo Slab Props



Item no. Weight kg

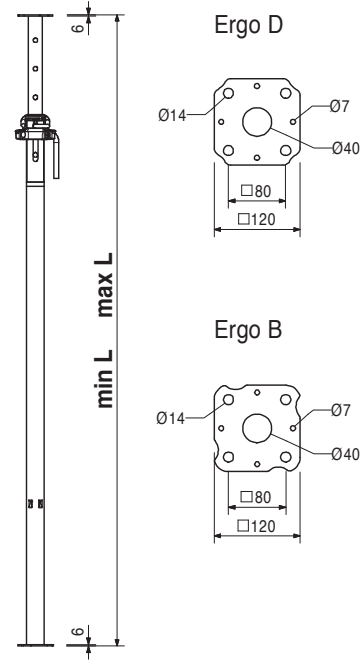
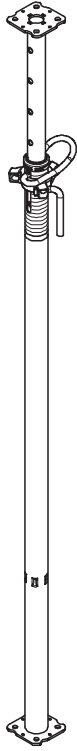
117230	9,100	PEP Ergo Slab Props
116770	13,000	PEP Ergo D-150 Slab Prop
116780	13,900	PEP Ergo D-250 Slab Prop
116790	15,500	PEP Ergo B-300 Slab Prop
		PEP Ergo B-350 Slab Prop

Steel slab prop.

min. L	max. L
960	1500
1470	2500
1970	3000
2250	3500

Note

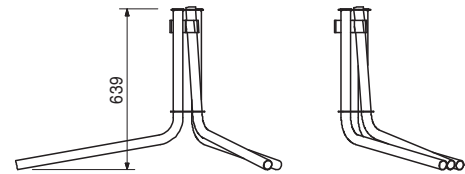
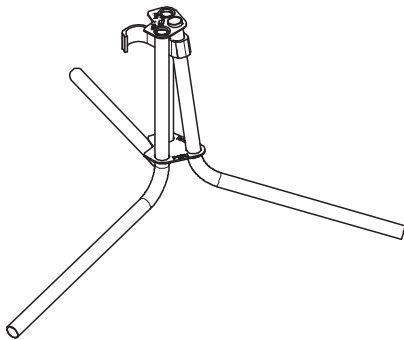
Permissible load: see PERI Design Tables.



107152 5,810

Tripod PEP Ergo, galv.

Assembly aid for PEP Ergo slab props with Ø 44 – 64 mm.



PEP Ergo Slab Props

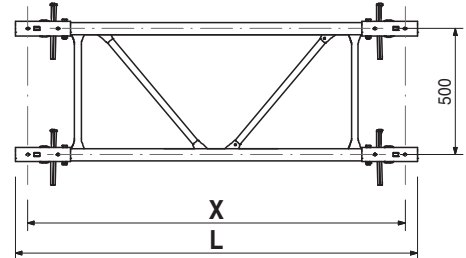
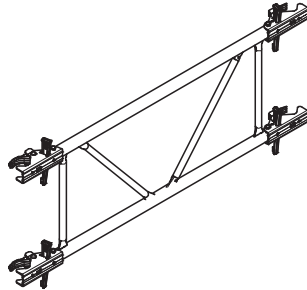


Item no.	Weight kg
111811	13,700
111812	13,900
112813	15,900
112814	17,800
111813	19,200
111814	20,100

PEP Frames PRK Steel
PEP Frame PRK 62.5
PEP Frame PRK 75
PEP Frame PRK 100
PEP Frame PRK 120
PEP Frame PRK 137.5
PEP Frame PRK 150

L	X
723	625
848	750
1098	1000
1298	1200
1473	1375
1598	1500

Bracing frame for PEP slab props. With captive wedge coupling.

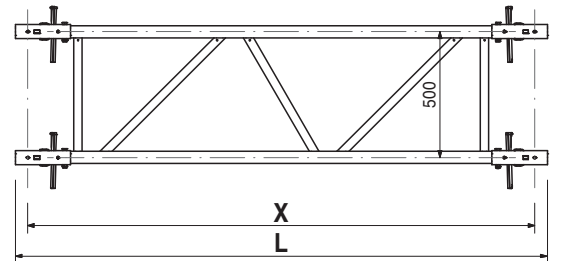
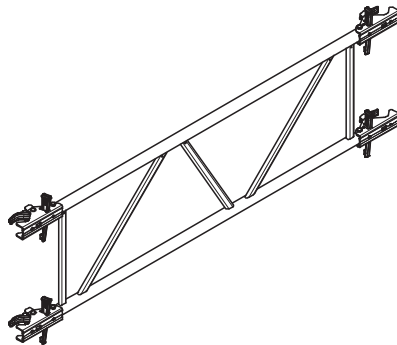


115980	14,700
112718	15,300
111815	15,400
112788	15,600
111816	16,200
111817	16,300
111818	17,700
111819	18,600

PEP Frames PRK
PEP Frame PRK 180
PEP Frame PRK 200
PEP Frame PRK 201.5
PEP Frame PRK 210
PEP Frame PRK 225
PEP Frame PRK 230
PEP Frame PRK 266
PEP Frame PRK 296

L	X
1098	1800
2098	2000
2113	2015
2198	2100
2348	2250
2398	2300
2758	2660
3058	2960

Bracing frame for PEP slab props. With captive wedge coupling.



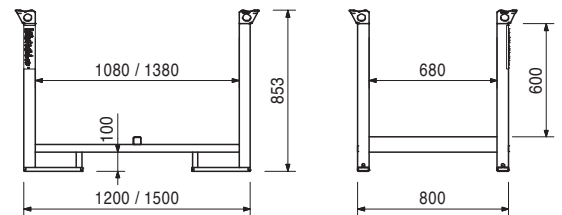
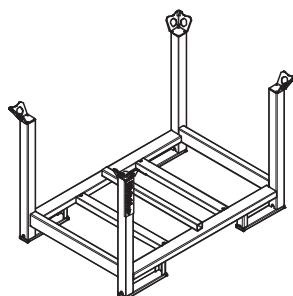
103434	33,400
103429	40,200

Pallets RP-2, galv.
Pallet RP-2 80 x 120, galv.
Pallet RP-2 80 x 150, galv.

For stacking and transporting of formwork and scaffold components.

Safety instructions

Load-bearing capacity 1.5 t.
 Follow Instructions for Use!





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