

SRS steel circular column formwork

Assembly Instructions



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Legend



Important
safety instructions



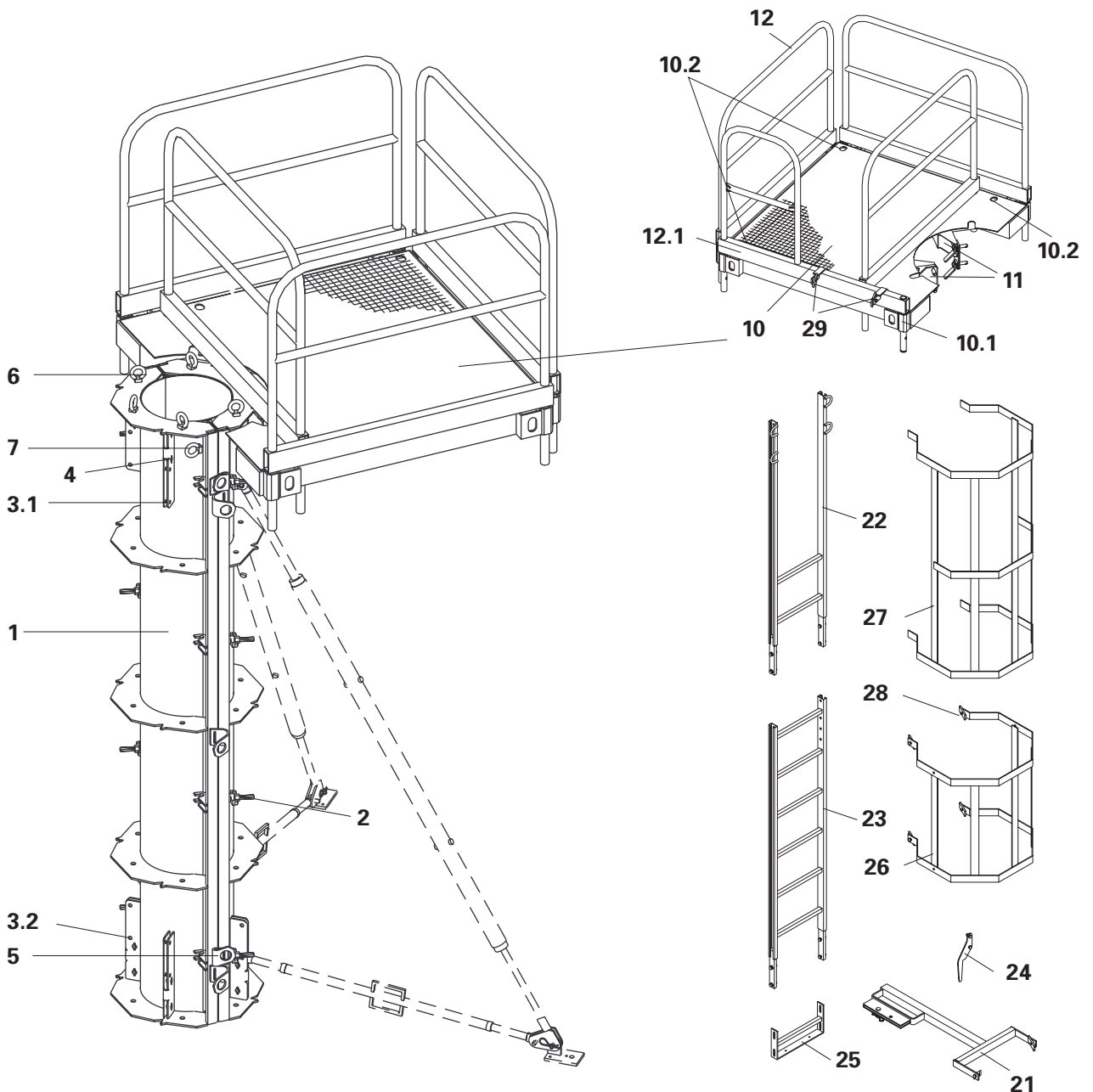
Hints



Visual inspection



Practical tip



SRS Column

- 1** Column element
- 2** Column bolt
- 3.1** Connection for push-pull prop
- 3.2** and kicker brace
- 4** Connection for circular column platform
- 5** Stacking foot / centring device / crane eye
- 6** Eye bolt for extending on bottom / on top and as crane eye
- 7** Releasing bolt

Circular Column Platform

- 10** Circular column landing
- 10.1** Handrail holder (10x)
- 10.2** Additional handrail holder (2x)
- 11** Telescopic girder (2x)
- 12** Handrail (3x)
- 12.1** Access handrail

Ladder Access

- 21** SRS ladder connector
- 22** Access ladder 180/2
- 23** Ladder 180/6
- 24** Ladder hook
- 25** Ladder base
- 26** Ladder safety cage 75
- 27** Ladder safety cage 150
- 28** Clamping plate
- 29** Ladder holder

Introduction

In these assembly instructions, Part A shows the preparation of the column elements for the SRS column formwork. Individual points can be handled one after the other or looked up separately. In order that the details can be better identified, illustrations are not always shown in full. Access ladders are featured on 3.0 m high column elements.

Part B contains a clear overview to assist with planning and connection possibilities for extended use. If you have any questions, please contact your local PERI representative.

Each column element comes equipped with the following practical details:

- two connection points for push-pull props and circular column platform
- centring devices for easy closing of the formwork
- integrated lugs for stacking and transporting to prevent panels from slipping
- captive column bolt with self-cleaning hexagonal thread
- crane eyes for loading and unloading stacks, and for shuttering
- releasing bolt as striking aid – no tools necessary.

Product features

The PERI SRS circular form is rentable steel formwork for round columns with architectural concrete requirements.

It is available in diameters from 25 cm to 70 cm in 5 cm increments. The four different heights of 30 cm, 120 cm, 240 cm and 300 cm, allow all column heights to be concreted in 30 cm increments.

The maximum permissible fresh concrete pressure is 150 kN/m²

The form consists of two identical, ECC powder-coated column elements.

The following accessories are supplied with each of these:

- one eye bolt for releasing
- three eyebolts with nuts for connecting the column elements as well as lifting with the crane
- four bolts with cotter pins for connecting push-pull props and kicker braces.

The circular column platform is mounted on the horizontally-positioned form without requiring the use of a crane.

Markings and captive pins make it easy to adjust the telescopic platform beams for all column diameters. Accessing the circular column platform is carried out by means of ladders fitted with ladder safety cages. Handrail frames are inserted for all-round protection for those working on the platform.

The formwork can be connected to TRIO or RUNDIFLEX with the adapter strip and BFD alignment coupler thus producing circular bulkheads for circular wall ends.

30 cm high elements are used for connecting formwork for flared column head.

Intended use

These instructions contain details for the correct handling and intended use of the formwork along with the circular column platform and access ladder.

Safety instructions and load specifications must be observed at all times. **Special permission, together with supplementary assembly instructions, must be given by PERI if the formwork is to be used for applications other than it has been designed for.**

Only materials in perfect condition may be used. Damaged components must be replaced.

Only original PERI spare parts may be used.

The safety and environmental regulations of each country where this product is used must be observed at all times.

These assembly guidelines, PERI offer and implementation plans as well as other PERI product information do not replace specific construction site work and assembly instructions.

The column elements may be stacked and stored as shown, with the formlining surface protected as much as possible against the weather. The bottom column element is supported on the stacking foot **5** when stored. Fig.1

Each column element incorporates stacking lugs **1.1** to prevent slipping in either direction. Fig. 2

Moving:

- individually
 - in stacks with the crane **5**
 - fork-lift truck
- Fig. 3 + 4

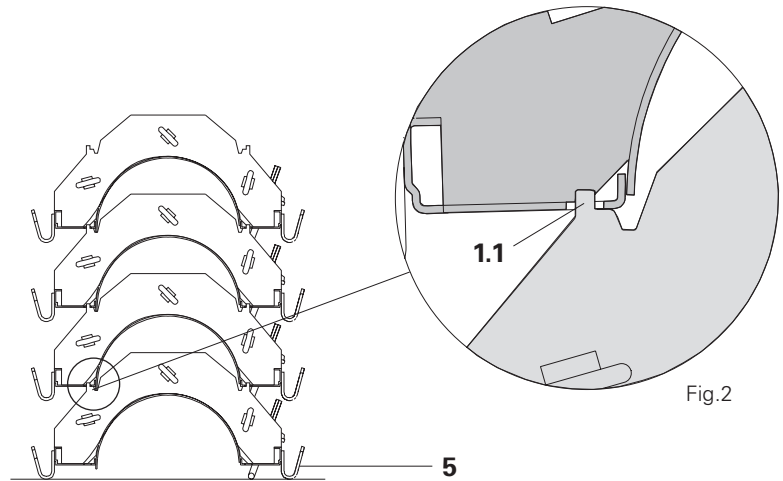


Fig.1

Fig.2

Table 1:

Maximum number of stacked column elements - free-standing*	
ø 25	6 elements
ø 30	8 elements
ø 35-70	9 elements

*Assumptions:

- level support
- wind load according to DIN 4420, Part 1

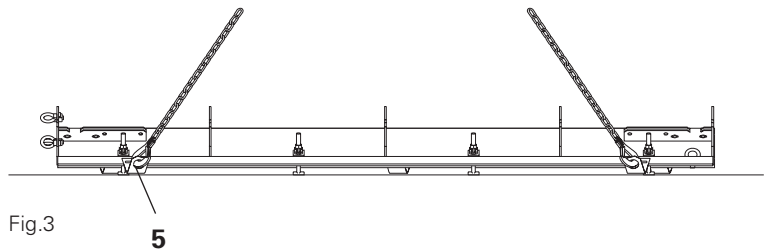


Fig.3

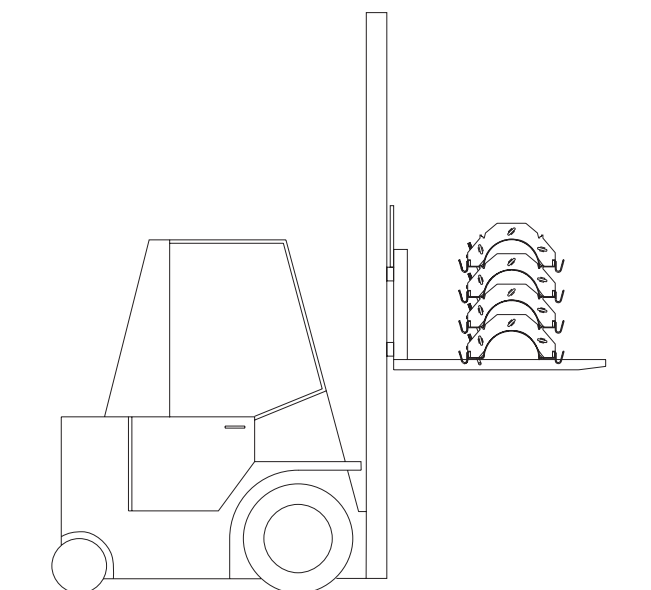


Fig.4

Circular column platform

The circular column platform is connected to the horizontally-positioned column element.

1. Insert the pins **11.2** to lock the two telescopic beams **11** at the diameter required as indicated by the markings **11.1**.
2. Pull the captive bolts **11.3** out until they reach the stop. Fig. 5
3. Use two site personnel to stand the platform up and insert into the holes **4** of the column element. Fig. 6
4. Secure platform with bolts **11.3**. Fig. 7
5. Insert handrail **12** and access handrail **12.1** into the holders **10.1**. The platform is assembled. Fig. 8

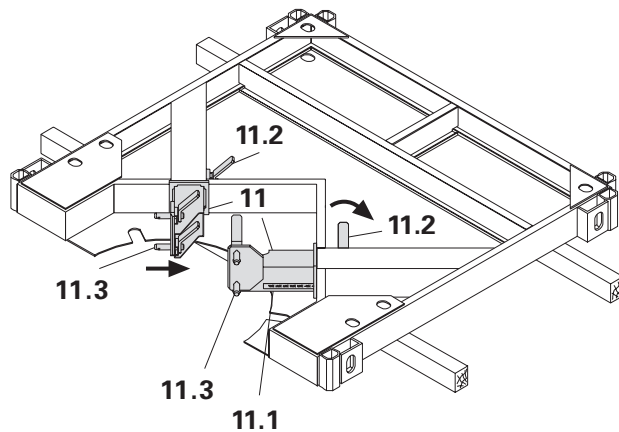


Fig.5



The platform decking **10.3** must lie over the flange of the formwork **1.3** for large diameter columns. The eye bolts may have to be removed to allow this. Fig. 9

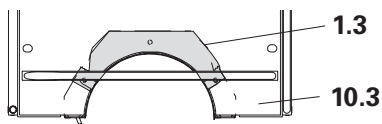


Fig.9

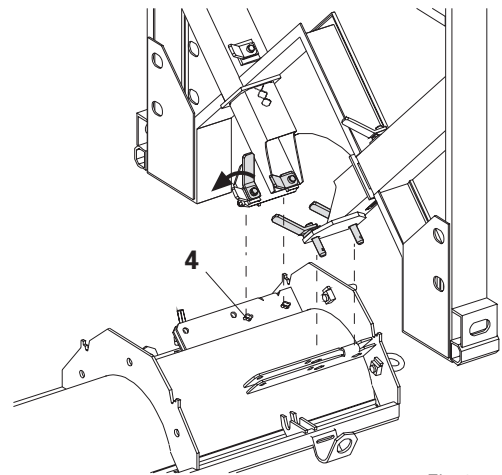


Fig.6

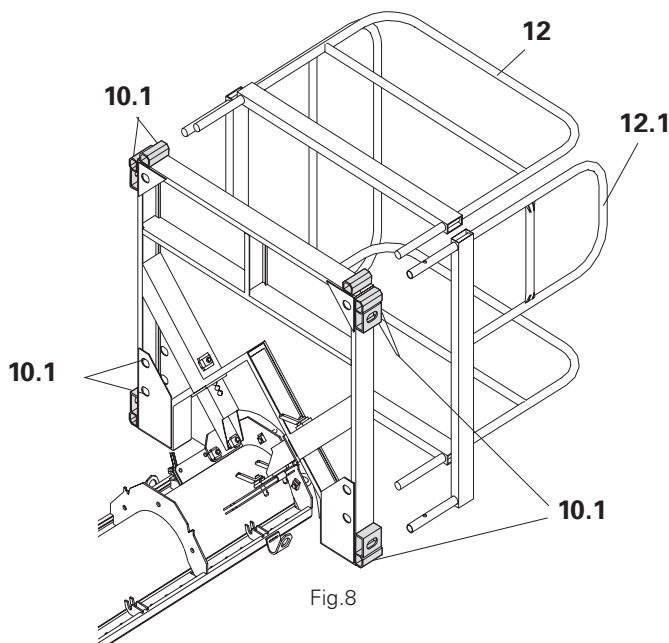


Fig.8

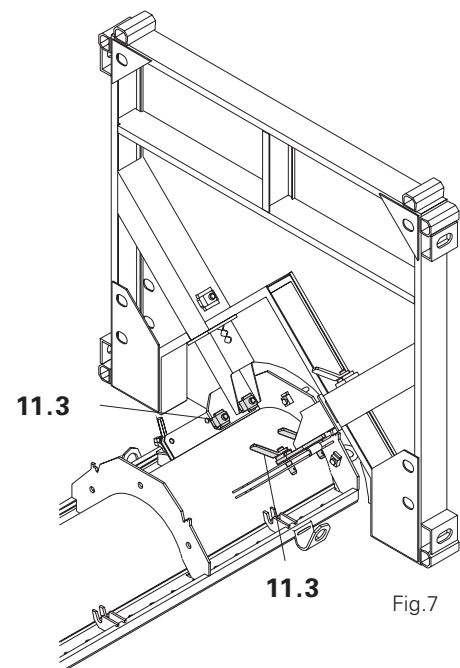


Fig.7

Access Ladders

Mount ladders to both column elements: 1 x **with** exit, 1 x **without** exit.

Ensure column elements are lying horizontally when mounting the access ladders.

With exit:

1. Mount ladder connections **21** with bolts and cotter pins on the formwork flange **1.3**. Fig. 10

2. Pre-assemble ladders:

- mount ladder 180/6 **23** to access ladder 180/2 **22**, SW 19. Depending on the height required, attach additional ladders 180/6.
- attach ladder base **25** and ladder hook **24** to last ladder, SW 19. Fig. 11

3. Mount ladders with clamping plates **28** to the ladder connections **21**, SW 19. Fig. 12 + 12a



Visual inspection of clamping plates.



The contact surface of the clamping plates must rest against the ladder profile!

4. **Clamp ladder holder 29** over the profile of the exit handrail post **12.1** and attach to ladder profile with clamping

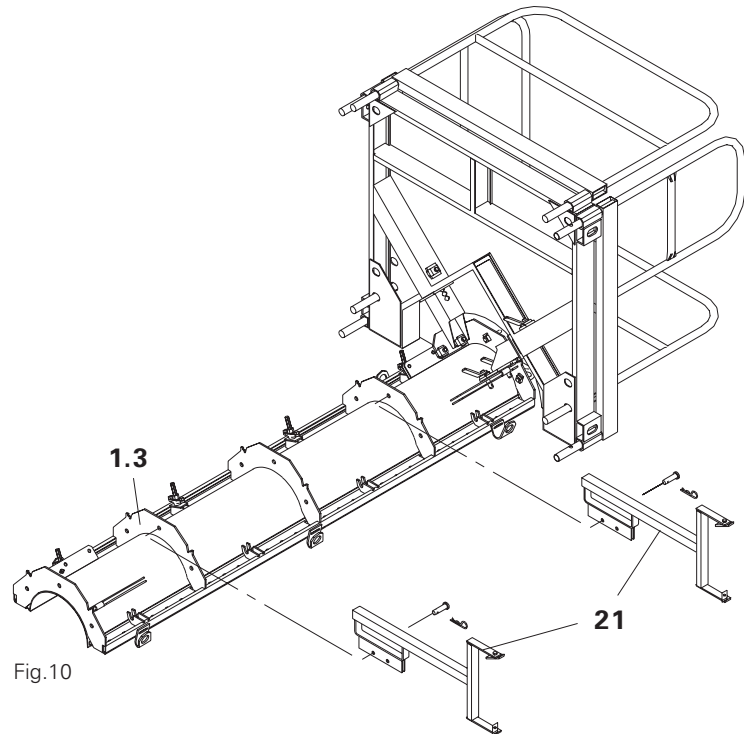


Fig.10

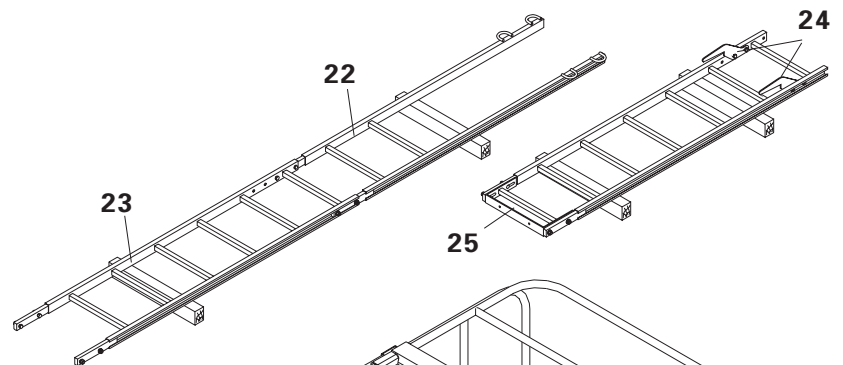


Fig.11

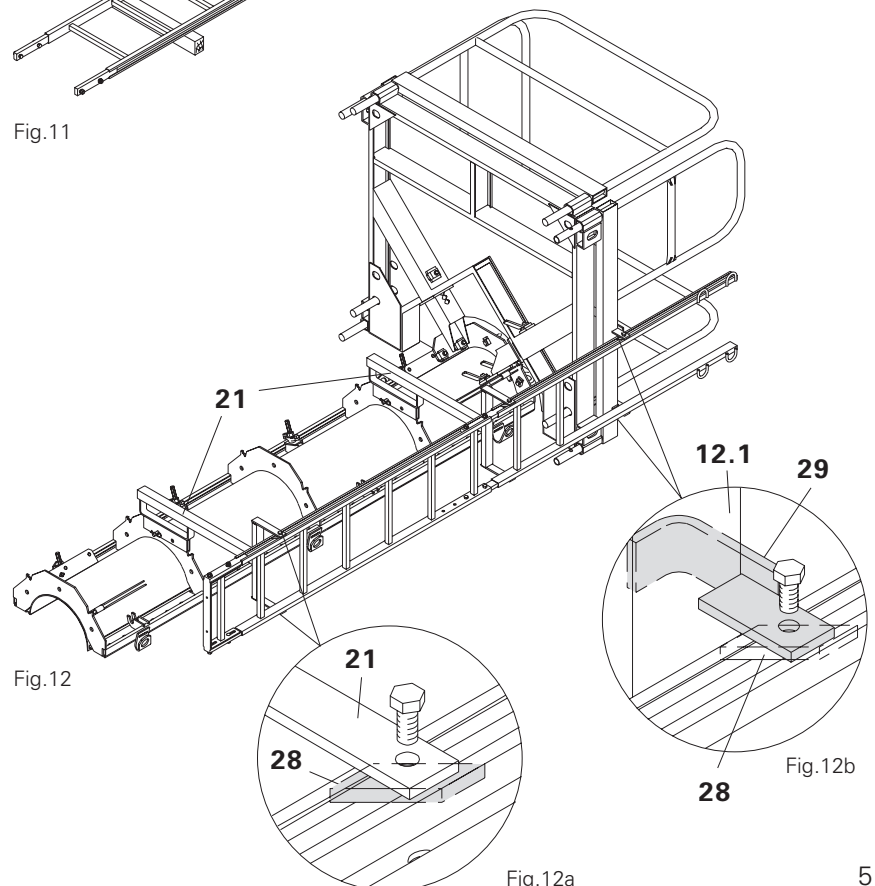


Fig.12

Fig.12a

Fig.12b

Access Ladders

- Attach ladder safety cage 150 **27** with clamping plates **28** to access ladder 180/2 **22** and ladder 180/6 **23**, SW 19. Ensure ladder safety cage is mounted so that it "joins" both ladders. Fig. 13 + 13a
- Hang in ladder with ladder hook on vertical column element.

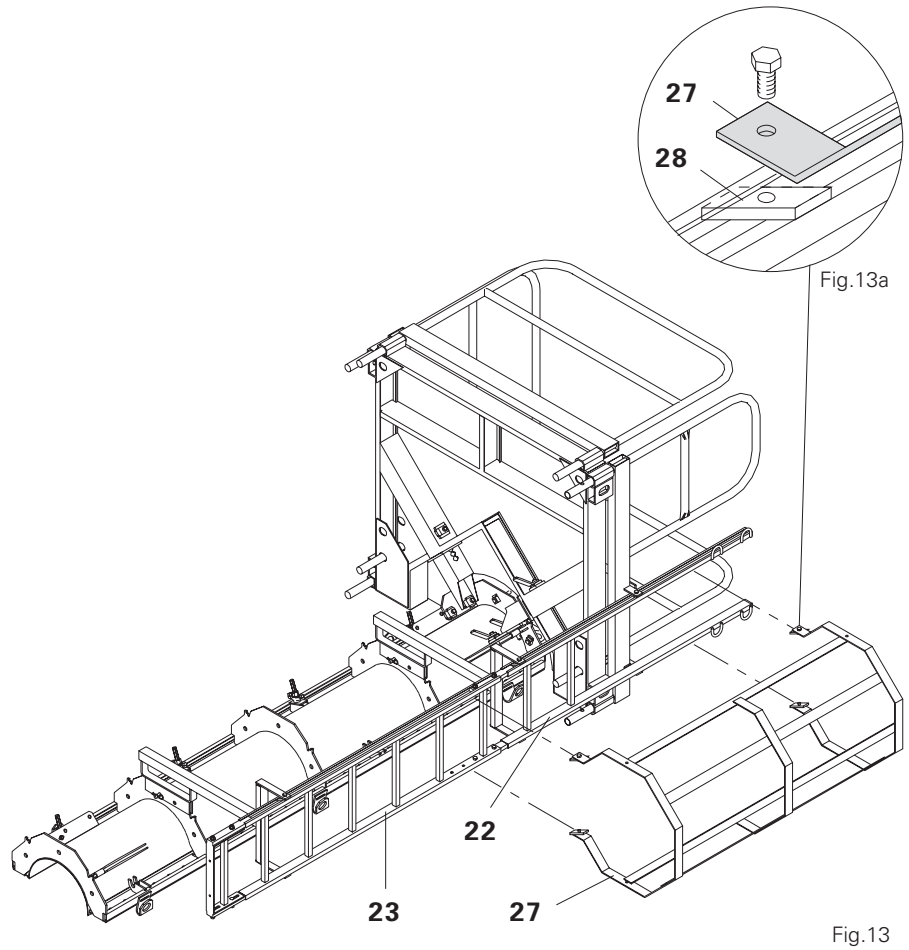


Fig.13

Without exit:

Ladder on second column half for operating the column bolt. Access ladder 180/2 is not required. Fig. 14

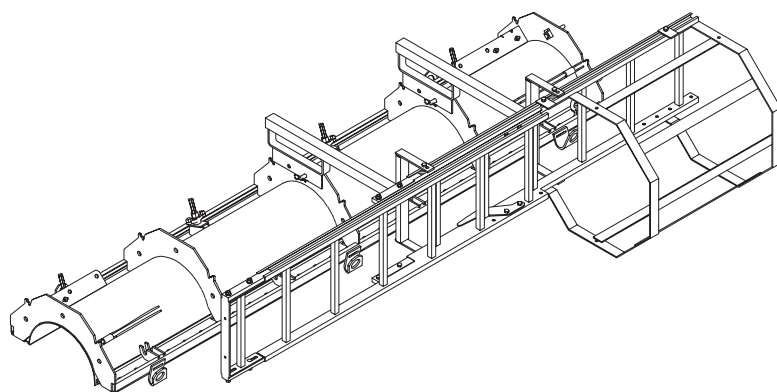


Fig.14

Push-Pull Props and Kicker Braces

Push-pull props and kicker braces are mounted to horizontally-positioned column elements.



- push-pull props are always connected in the holes **3.1**. Fig. 15
- likewise, kicker braces are connected using the holes **3.2**. Fig. 16

1. Attach base plate to kicker brace and connect with push-pull prop.
2. Insert bolts and cotter pins into push-pull props and kicker braces. Fig. 17



Brace the push-pull props and kicker braces with scaffold tubing and couplings to avoid having to mount and remove them every time the formwork is used.

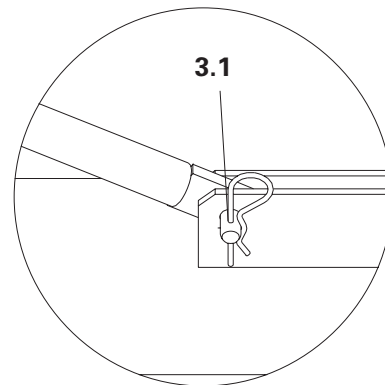


Abb.15

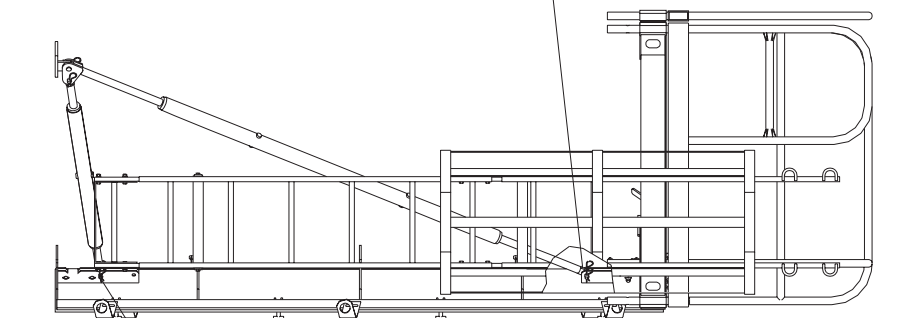


Fig.17

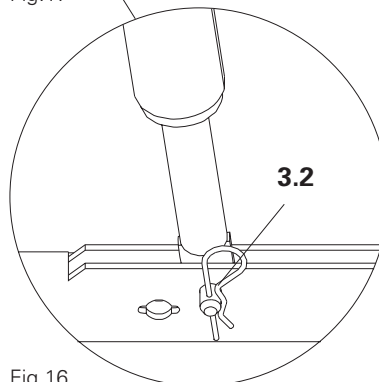


Fig.16

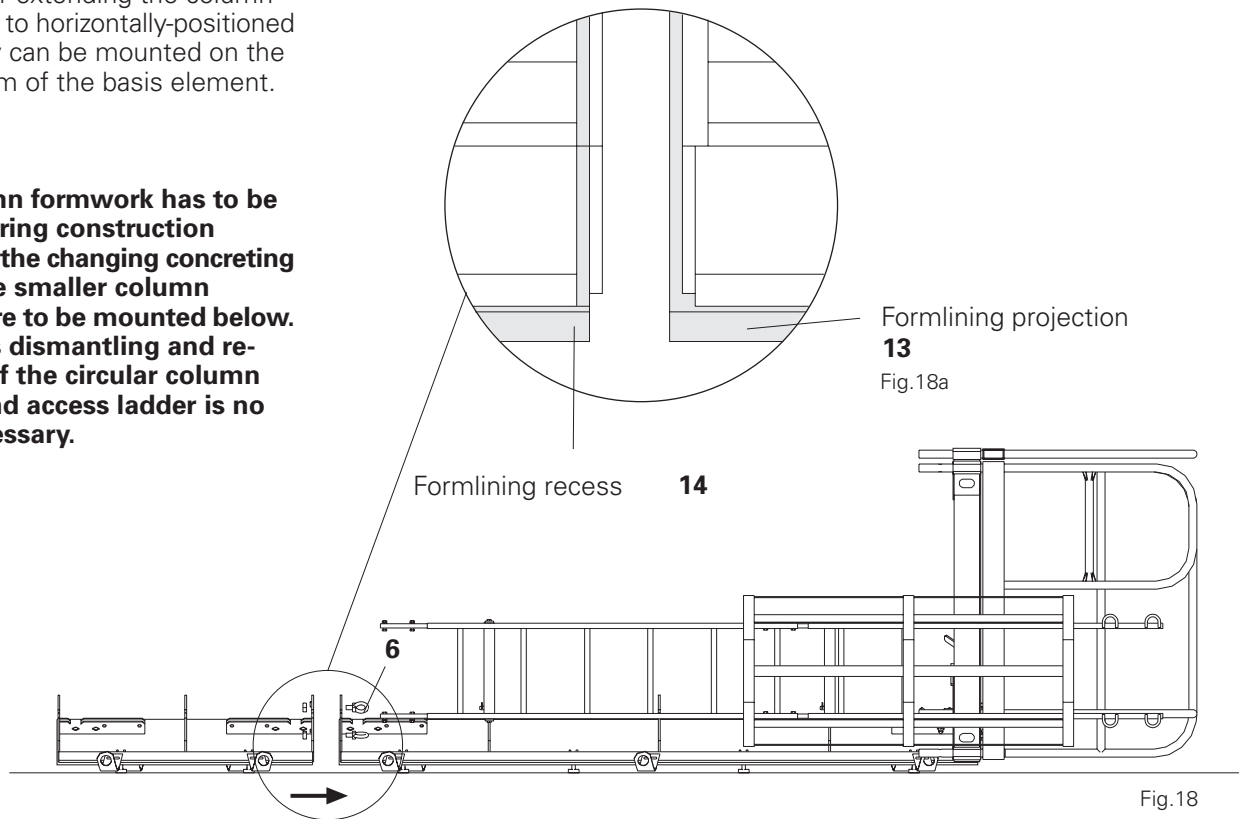
A3 Extending Column Elements on bottom



Elements for extending the column are attached to horizontally-positioned panels. They can be mounted on the top or bottom of the basis element.



- if the column formwork has to be adapted during construction progress to the changing concreting heights, the smaller column elements are to be mounted below. This means dismantling and re-assembly of the circular column platform and access ladder is no longer necessary.



- To ensure a clean joint pattern, assemble the column elements so that they are all aligned accurately at the same time.
- Take care of hooked starter bars for slabs/beams when choosing the height of the formwork.

1. Remove eye bolts **6** from the bottom element.
2. Guide the bottom formlining projection **13** of the upper element into the formlining recess **14** of the lower element. Fig. 18 a
3. Connect using the eye bolts **6**. A stop prevents the nuts from turning. Fig. 18

Use the same procedure with the next column element.

* Other element combinations and greater heights are possible after consultation.

Table 2:
Panels required depending on the formwork height
(2 column panels per column)

Formwork height [m]	Element height [m]			
	0,30	1,20	2,40	3,00
0,30	1			
0,60	2			
0,90	3			
1,20		1		
1,50	1	1		
1,80	2	1		
2,10	3	1		
2,40			1	
2,70	1		1	
3,00				1
3,30	1			1
3,60		1	1	
3,90	1	1	1	
4,20		1		1
4,50	1	1		1
4,80			2	
5,10	1		2	
5,40			1	1
5,70	1		1	1
6,00*				2



- The "H" dimension and the straight outside edges make it easier to fix the locating boards **9**. Fig. 19
- The inner vertical joint of the column elements is also closed by normal tightening of the column bolts so that the column profiles do not push against each other.
- When erecting the elements ensure that the formlining projection is at the bottom.

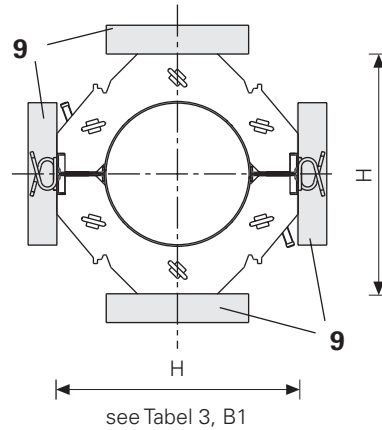


Fig.19



Releasing bolt **7** must be slackened off. Fig. 20

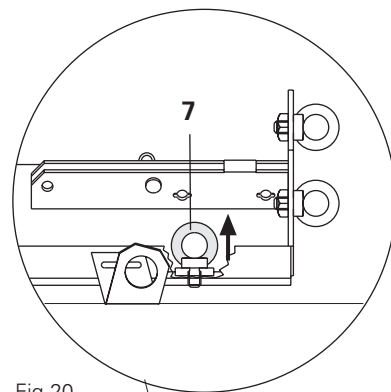


Fig.20

Erection



Check eye bolts are tightly fitted before each crane lift!

Firstly, erect column element with push pull props.

1. Attach 3-sling lifting gear to eyebolts **6**. Fig.21

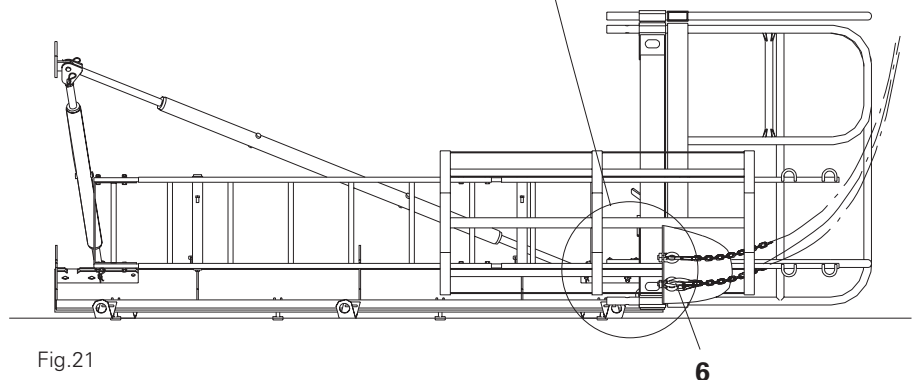


Fig.21

Erection

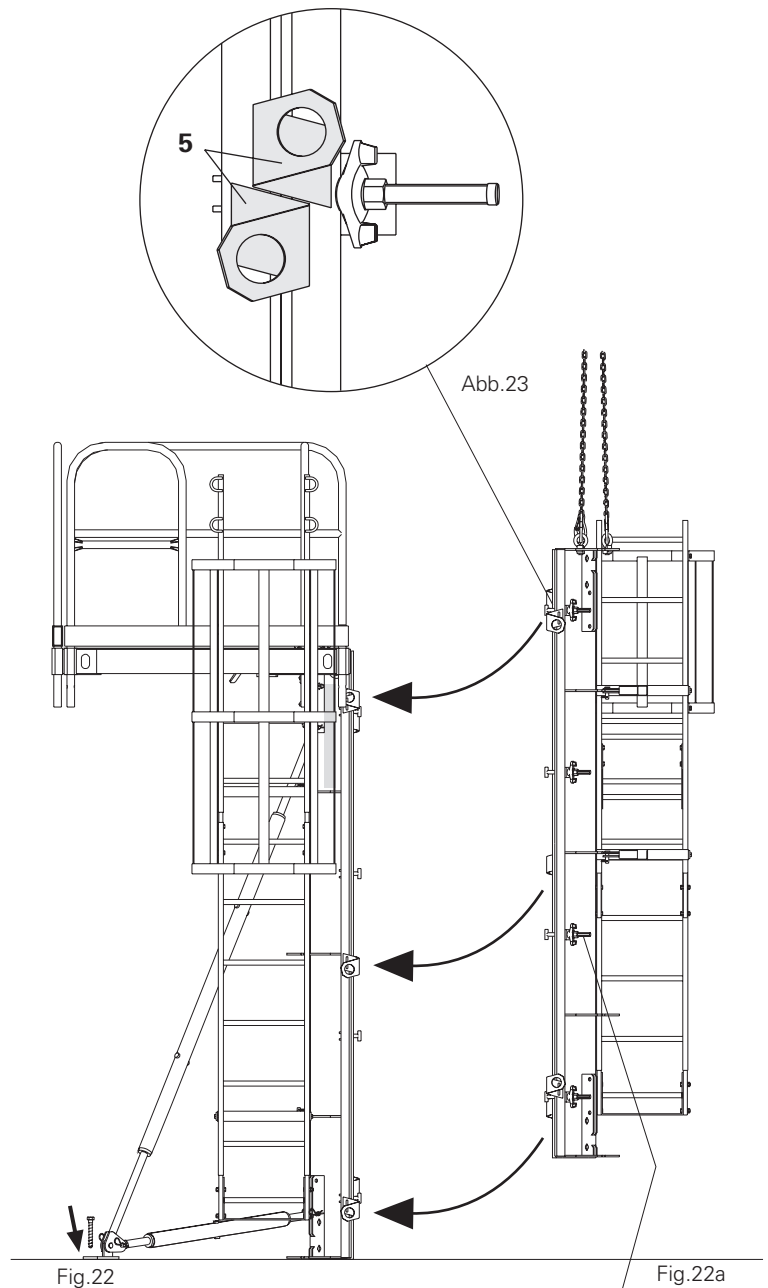
!
Do not disconnect lifting gear until at least two column bolts have been tightened!

2. Position column element with push-pull props. Fig. 22
3. Mount push-pull props using dowels e.g. PERI Multi Monti
4. Bring in the second column element which is suspended on the eye bolts. Fig. 22a
5. The two halves are brought together with the aid of the centring devices **5**. Fig. 23

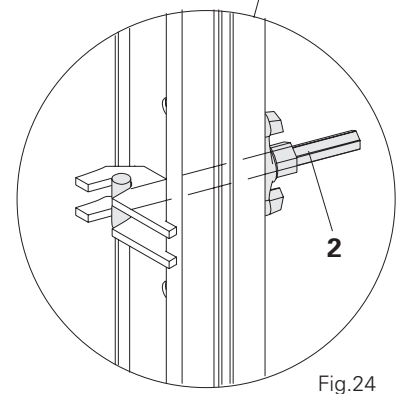
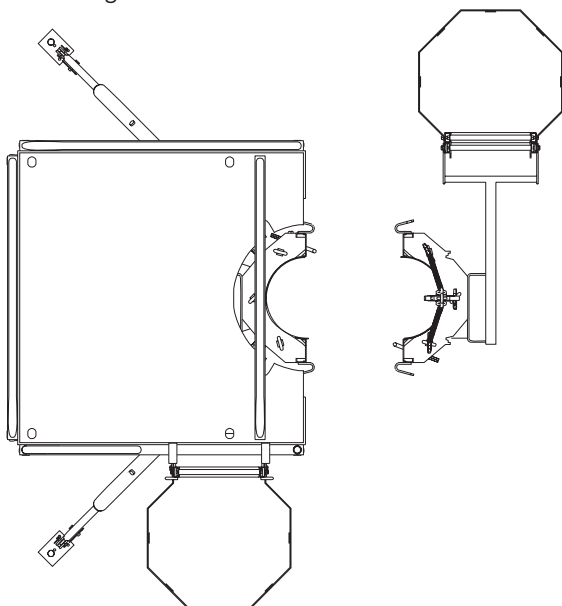
Mount ladders.

6. Insert column bolts **2** into the matching lugs and tighten all the bolts evenly. Fig. 24
7. **Alignment:** to plumb the circular steel column, vertically position a spirit level against the push-pull prop connection.

The circular column is now ready for concreting.



Plan view Fig. 22 + 22a



Striking

Firstly, remove the column element without push-pull props.

1. Connect the three chains of the lifting gear to the eye bolts **6**. Fig. 25a
2. Open column bolt **2**. Fig. 25b
3. Use the releasing bolt **7** to force the two halves of the column apart. Fig. 25c
4. Lay column element down and clean.
5. Attach the propped column element to the crane lifting gear, and release the pinned base plates of the push-pull props. Fig. 26
6. To clean the column element, lay it down on the circular column platform (see following page). Fig. 27 + 27a
7. Releasing bolt **7** must be slackened off again ready for shuttering the next column.

To remove push-pull props, access ladder or platform, lay the panel down with the formlining side facing downwards

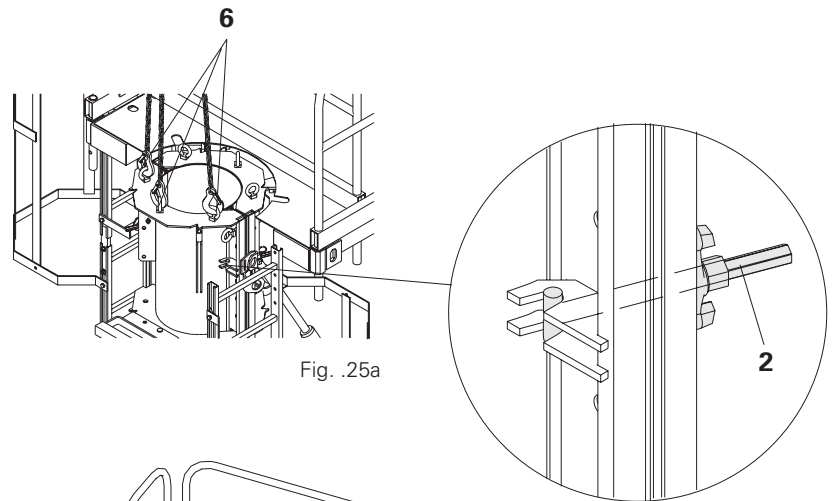


Fig. 25a

Fig. 25b

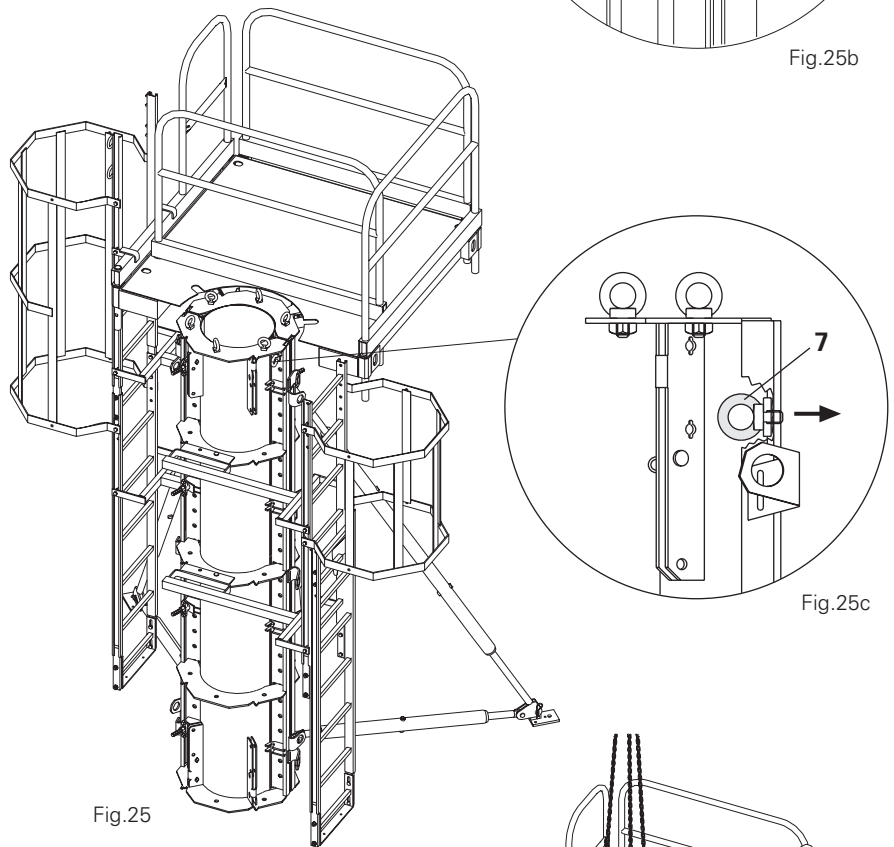


Fig. 25

Fig. 25c

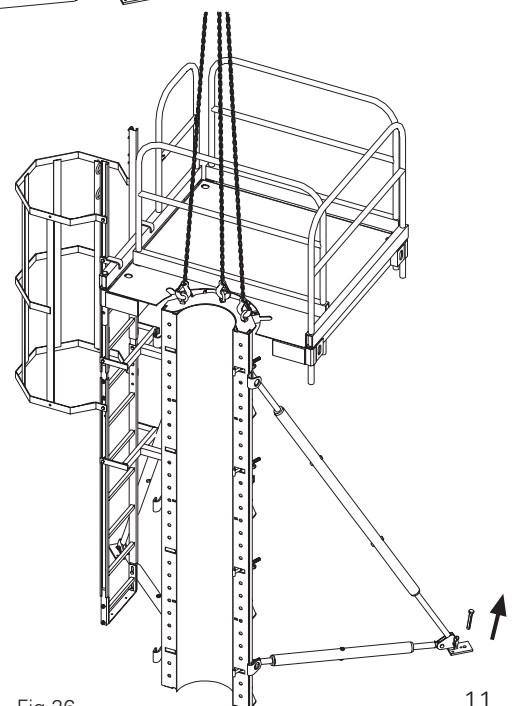


Fig. 26

A6 Cleaning



- Do not damage the steel formlining when cleaning through hammer blows or similar or by using objects liable to scratch it!
- Push-pull props can remain mounted to the column element.
- Column elements are ECC powder-coated.

1. Remove dirt with a broom or cloth.
2. Spray with shutter oil such as PERI BIO CLEAN. Fig. 28

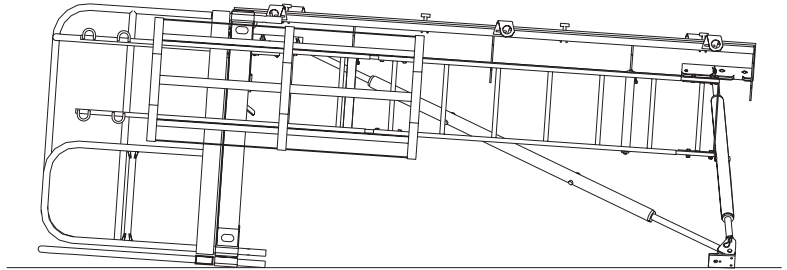


Fig.27

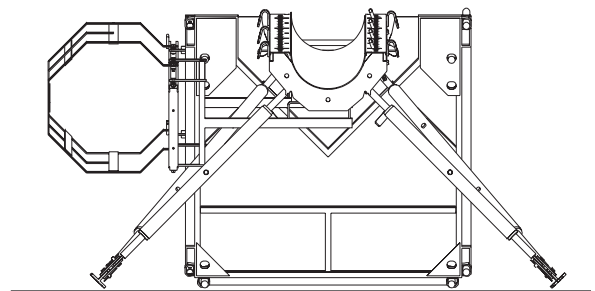
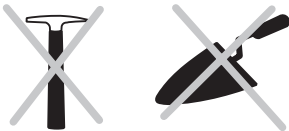


Fig.27a

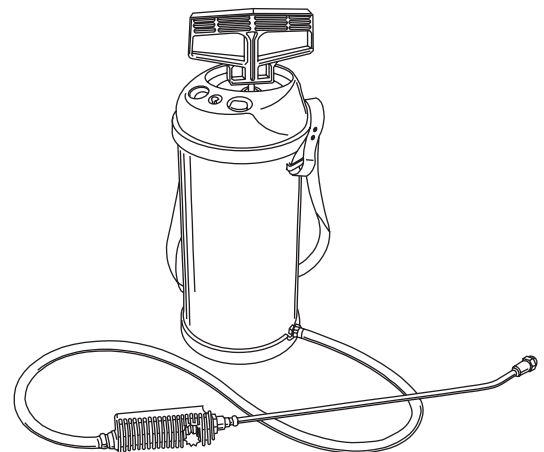
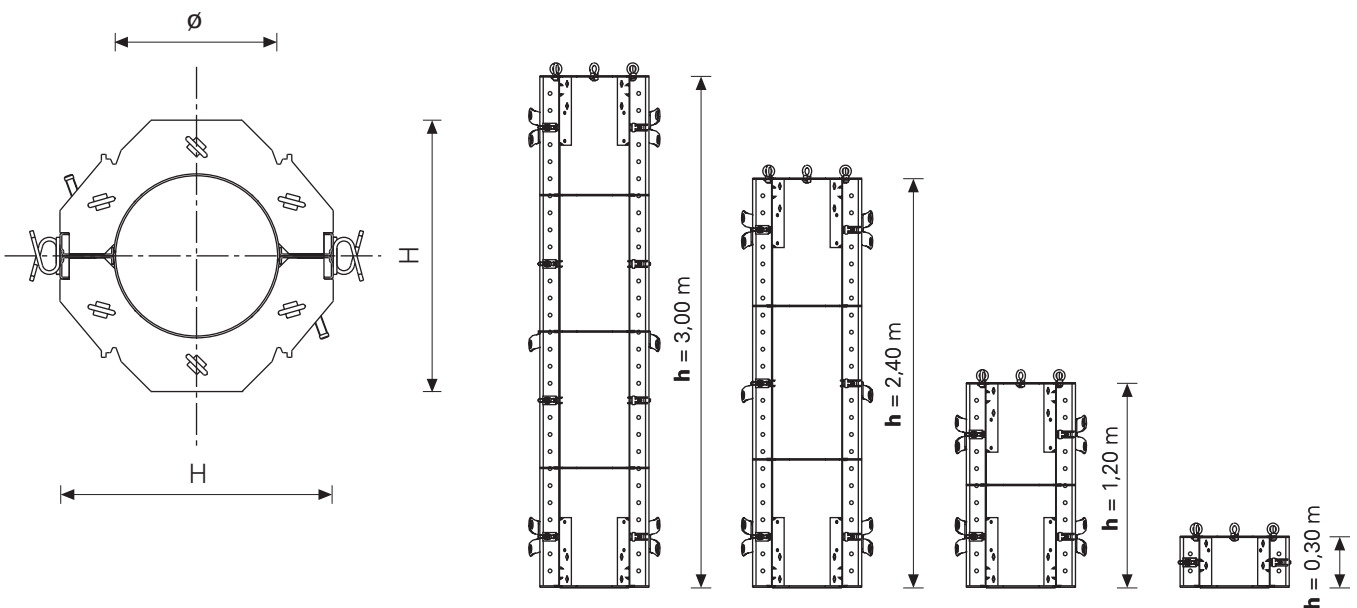


Fig.28

Table 3:
Heights and diameters of the column elements.

h \ d	25 cm	30 cm	35 cm	40 cm	45 cm	50 cm	55 cm	60 cm	65 cm	70 cm
3,00 m	×	×	×	×	×	×	×	×	×	×
2,40 m	×	×	×	×	×	×	×	×	×	×
1,20 m	×	×	×	×	×	×	×	×	×	×
0,30 m	×	×	×	×	×	×	×	×	×	×
H [m]	0.49	0.54	0.59	0.64	0.69	0.74	0.79	0.84	0.89	0.94

d = column diameter
h = element height
H = dimension for locating board



Adapter Strip Circular Column-TRIO

Stopend formwork on the TRIO wall formwork is formed with the aid of the adapter strip and BFD alignment coupler.



When using TRIO panels with tie holes in the edge section, centring of the circular column formwork can cover the tie hole in some cases. We recommend using the TRIO WDA 6-2 wall thickness compensator in these circumstances..

Assembly:

1. Clamp the adapter strip **17** on the formwork recess side between the TRIO panel and circular column element.
Fig. 29
The length of the straight wall is increased by 1 cm. Fig. 29a
3. Connect both elements using the BFD alignment coupler **16**.
The number of BFDs required is the same as the number of column bolts.
Fig. 30

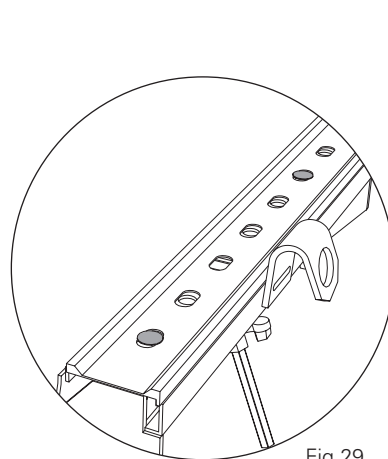
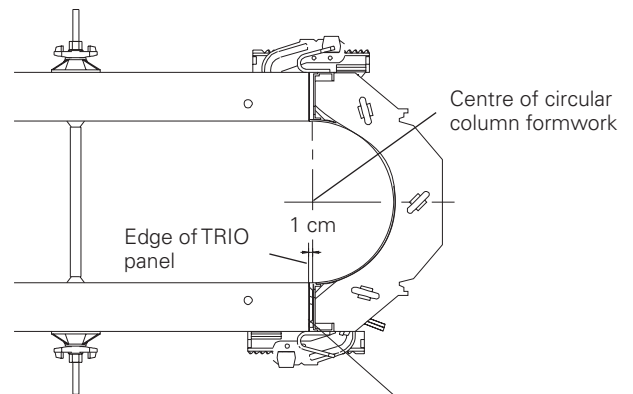


Fig.29

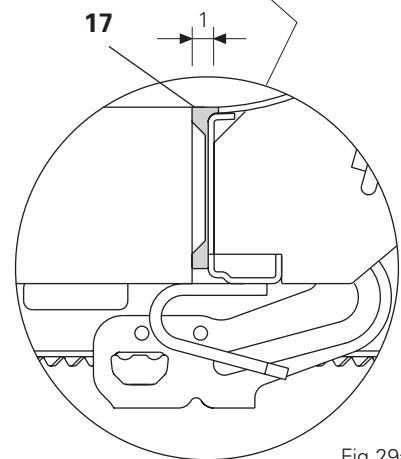


Fig.29a

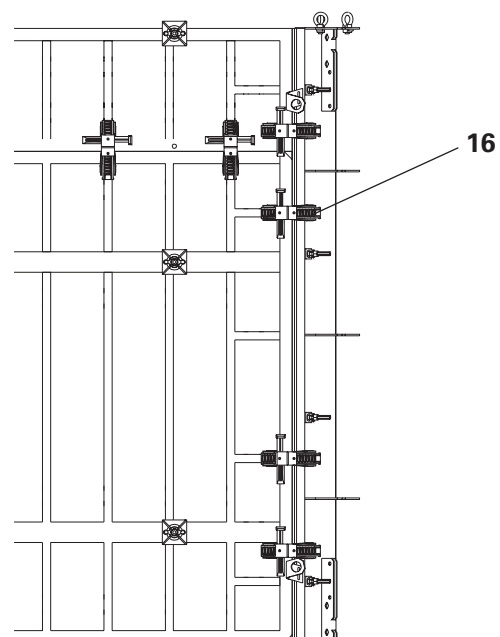
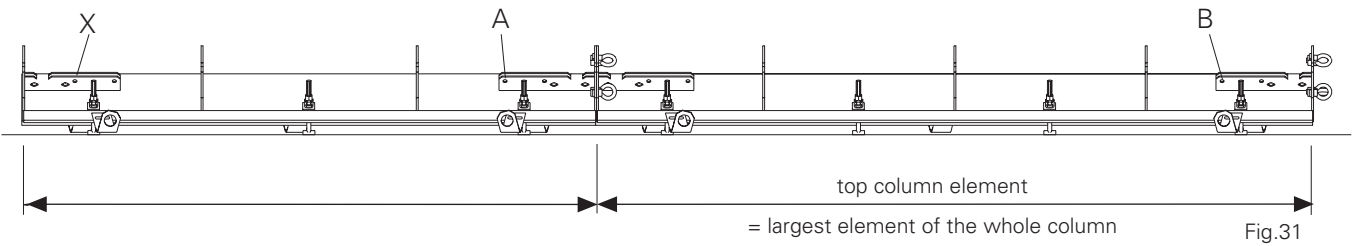


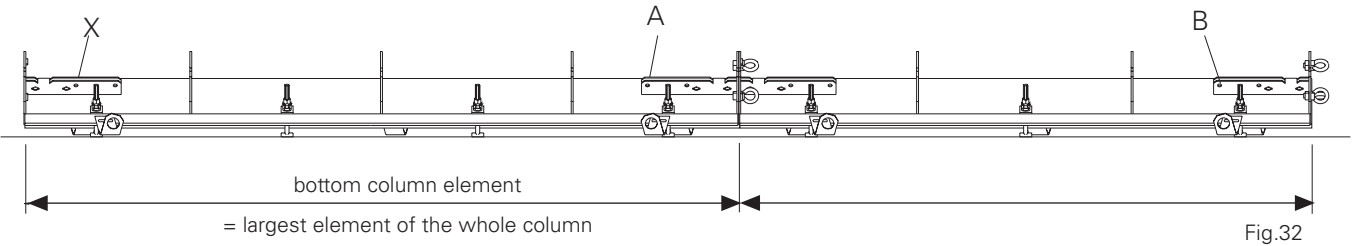
Fig.30

Props required and their connection points when adjusted to an angle of 60°
Fig. 31 + 32

Situation with access ladder



Situation without access ladder



- For more stringent specifications, maintain angle tolerances according to DIN 18202.
- Through positioning push-pull props on both sides along with connecting the push-pull prop to the top push-pull prop connection of the extended column.
- Kicker braces can be omitted when using locating board.

Table 4:

Number of push-pull props and kickers required depending on the height of the formwork.

Formwork height [m]	Push-pull props				Kicker braces	
	RSS I	RSS II	RSS III	RS 1000	AV 190	Kick. for RSS III
2.40	A				X	
2.70	A				X	
3.00	A	A			X	
3.30	A	A			X	
3.60		B			X	
3.90		B			X	
4.20	A	B			X	
4.50			B		X*	
4.80			B			X
5.10			B			X
5.40			B			X
5.70			B			X
6.00				B	X*	

* Pin kicker braces to separate base plate.

With access possibilities

Item no.	Description	2.70 m - 3.60 m	3.90 m - 4.20 m	4.50 m - 5.70 m	6.00 m - 7.50 m
045210	Concreting platform complete	1	1	1	1
051410	Ladder 180/6	2	2	3	4
103724	Access ladder 180/2	1	1	1	1
103417	Exit handrail post SRS	1	1	1	1
051450	Ladder safety cage 150	1	1	2	3
104132	Ladder safety cage 75	0	1	2	2
051460	Ladder base	1	1	1	1
103718	Ladder hook	2	2	2	2
103374	Ladder connector SRS	2	2	3	4
104196	Ladder holder SRS	2	2	2	2

Without access possibilities

Item no.	Description	2.70 m - 3.60 m	3.90 m - 4.20 m	4.50 m - 5.70 m	6.00 m - 7.50 m
045210	Concreting platform complete	0	0	0	0
051410	Ladder 180/6	2	2	3	4
103724	Access ladder 180/2	0	0	0	0
103417	Exit handrail post SRS	0	0	0	0
051450	Ladder safety cage 150	0	1	2	3
104132	Ladder safety cage 75	1	0	1	1
051460	Ladder base	1	1	1	1
103718	Ladder hook	2	2	2	2
103374	Ladder connector SRS	2	2	3	4
104196	Ladder holder SRS	0	0	0	0

SRS Steel Circular Column and Accessories

Steel Circular Column Formwork

Complete with:

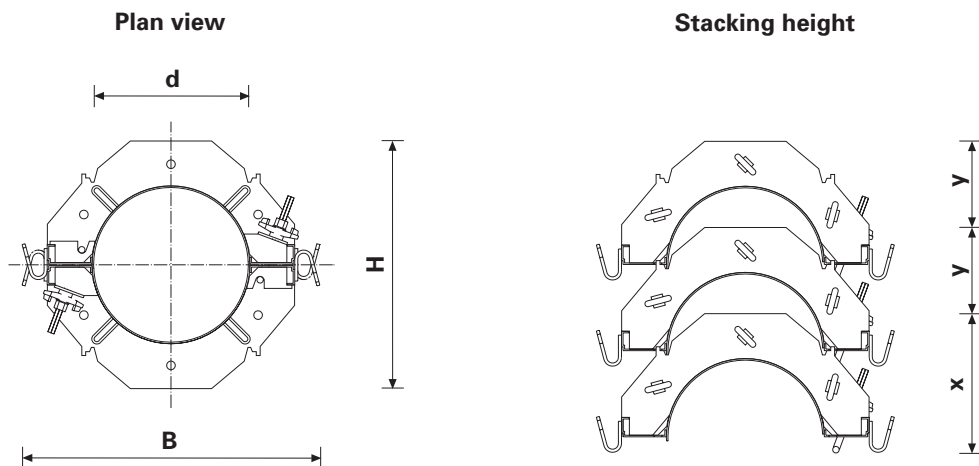
Captive Column Bolt and Eye Bolt for crane handling and for extending.

Item no. and weight are specified for each column element (half form).

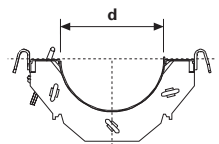
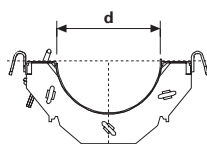
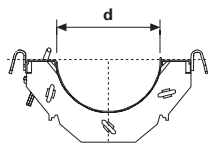
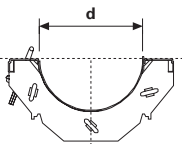
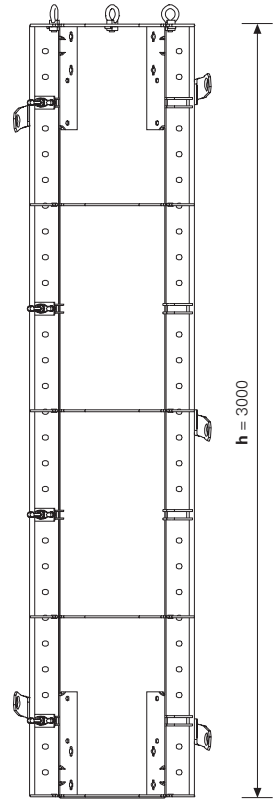
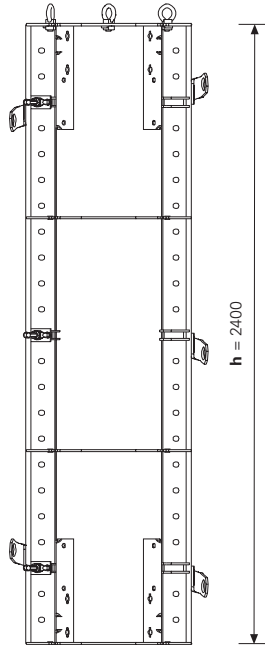
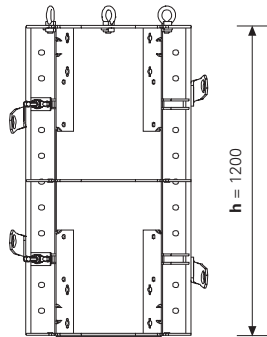
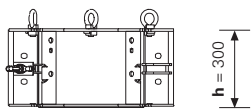
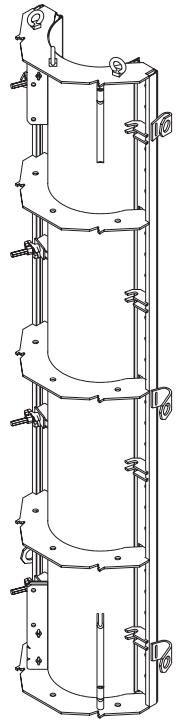
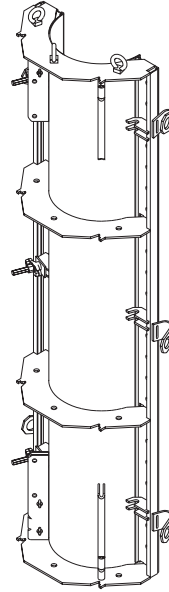
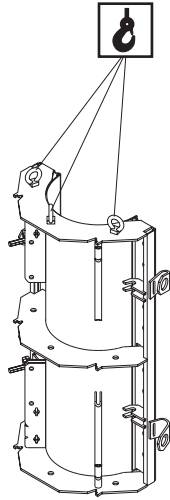
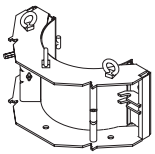
h \ d	25 cm	30 cm	35 cm	40 cm	45 cm	50 cm	55 cm	60 cm	65 cm	70 cm	
3,00 m	045013	045023	045033	045043	045053	045063	045073	045083	045093	045103	Item no.
	116,00	131,00	139,00	149,00	163,00	171,00	187,00	193,00	205,00	217,00	Weight kg
2,40 m	045012	045022	045032	045042	045052	045062	045072	045082	045092	045102	Item no.
	99,30	112,00	119,00	126,00	137,00	144,00	157,00	162,00	171,00	181,00	Weight kg
1,20 m	045011	045021	045031	045041	045051	045061	045071	045081	045091	045101	Item no.
	61,50	69,40	72,60	77,00	83,70	87,50	95,50	97,50	103,00	109,00	Weight kg
0,30 m	045010	045020	045030	045040	045050	045060	045070	045080	045090	045100	Item no.
	21,70	25,70	26,60	28,30	31,60	32,90	37,00	37,00	39,50	42,30	Weight kg
B	62,0	67,0	72,0	77,0	82,0	87,0	92,0	97,0	102,0	107,0	cm
H	49,0	54,0	59,0	64,0	69,0	74,0	79,0	84,0	89,0	94,0	cm
x	29	31	34	36	39	41	44	46	49	52	cm
y	20	21	21	23	25	24	30	28	31	27	cm

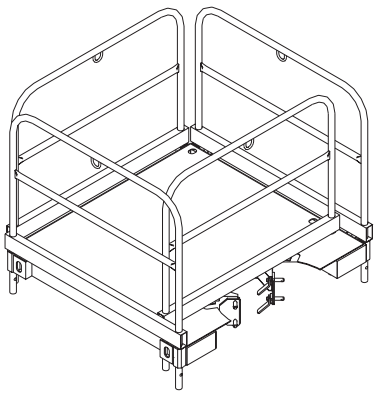
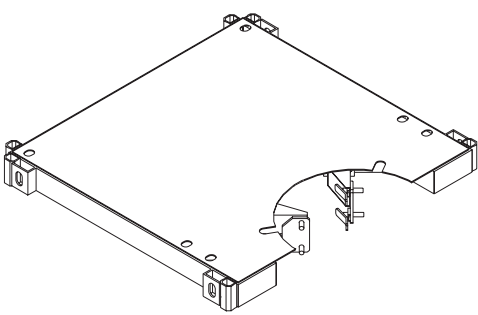
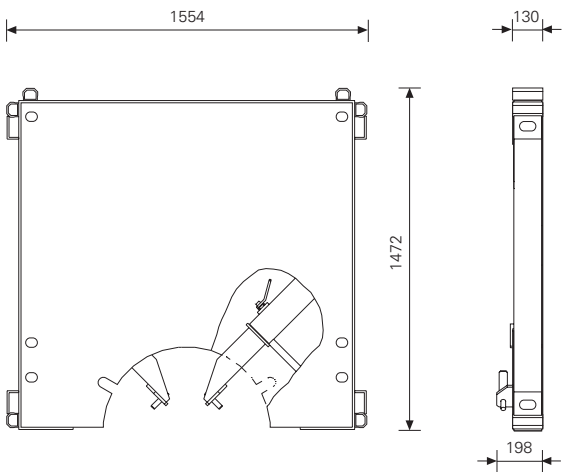
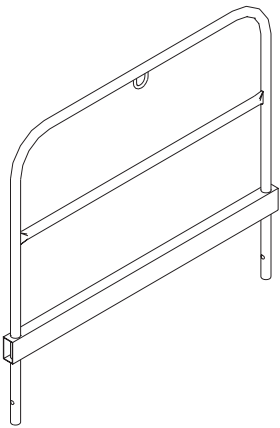
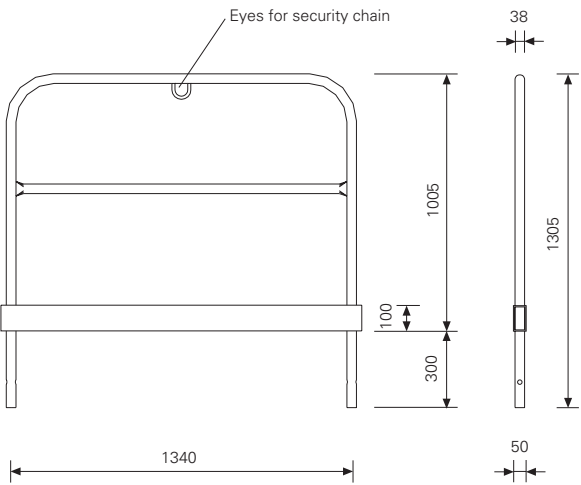
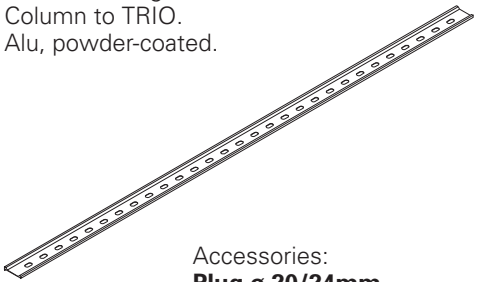
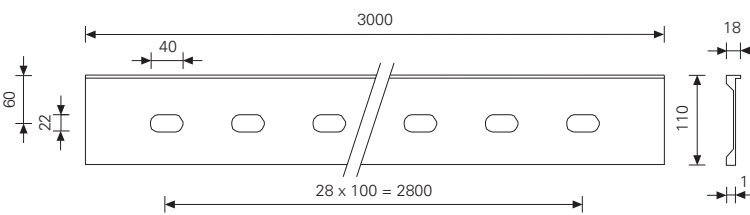
h \ d	75 cm	80 cm	85 cm	90 cm	95 cm	100 cm	105 cm	110 cm	115 cm	120 cm	
3,00 m	045107	045111	045115	045119	045123	045127	045131	045135	045139	045143	Item no.
	241,00	254,00	265,00	278,00	287,00	301,00	309,00	311,00	342,00	353,00	Weight kg
2,40 m	045106	045110	045114	045118	045122	045126	045130	045134	045138	045142	Item no.
	200,00	210,00	220,00	230,00	237,00	249,00	256,00	271,00	282,00	292,00	Weight kg
1,20 m	045105	045109	045113	045117	045121	045125	045129	045133	045137	045141	Item no.
	114,00	120,00	125,00	131,00	134,00	141,00	144,00	152,00	159,00	164,00	Weight kg
0,30 m	045104	045108	045112	045116	045120	045124	045128	045132	045136	045140	Item no.
	44,90	47,10	49,50	52,10	53,20	56,20	57,30	61,60	64,50	66,90	Weight kg
B	112	117	122	127	132	137	142	147	152	157	cm
H	101,0	106	111	116	121	126	131	136	141	146	cm
x	54	57	59	62	64	67	69	72	74	77	cm
y	28	29	31	32	33	33	35	37	37	38	cm

Special sizes $\varnothing = 75$ to 120cm are not rentable.



Load-bearing point
Permissible load: 1000kg



	Weight kg	Item no.	
<p>Circular Column Platform, complete Adjustable to suit any column diameter from \varnothing 250mm to \varnothing 700mm in 50mm increments. Consisting of: Circular Column Landing (1x) Handrail 134 (4x)</p>	144,00	045210	
<p>Circular Column Landing Alu, powder-coated. Adjustable to suit any column diameter from \varnothing 250mm to \varnothing 700mm in 50mm increments.</p> <p>Permissible Load = 150kg/m²</p>	70,80	045211	 
<p>Handrail 134, galv. 4 per Column Platform 25/70 required 2 per Column Platform 75/120 required Locks in place automatically.</p>	18,10	037430	 
<p>Adapter Strip Circular Column-TRIO L = 3,0m For connecting SRS Circular Column to TRIO. Alu, powder-coated.</p> <p>Accessories: Plug \varnothing 20/24mm</p>	4,05	045200	 
	0,003	030300	

Weight kg	Item no.
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Circular Column Platform 75/120

Adjustable to suit any column diameter from \varnothing 750mm to \varnothing 1200mm in 50mm increments.

Consisting of:

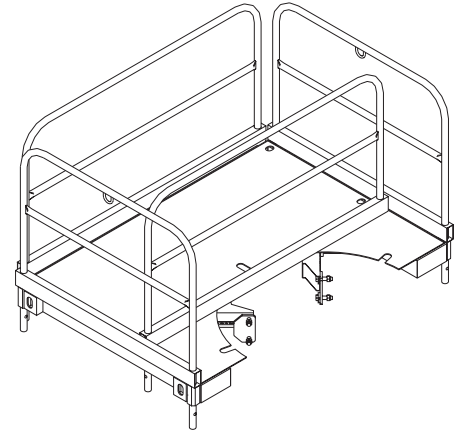
Circular Column Landing 75/120 (1x)

Handrail 134, galv. (2x)

Handrail 184, galv. (2x)

159,00

102177



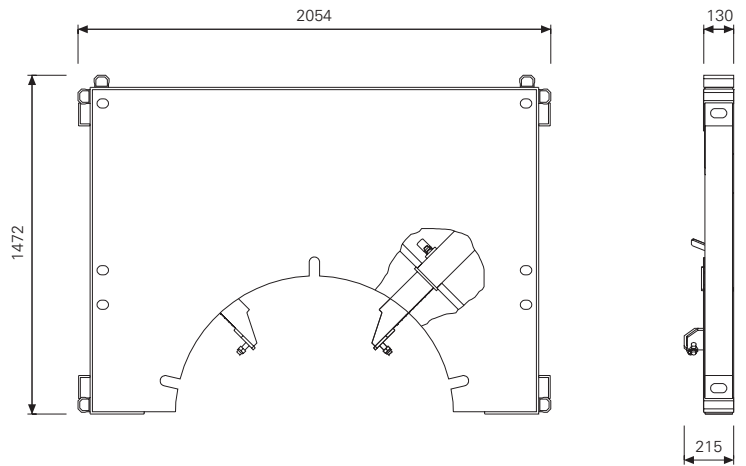
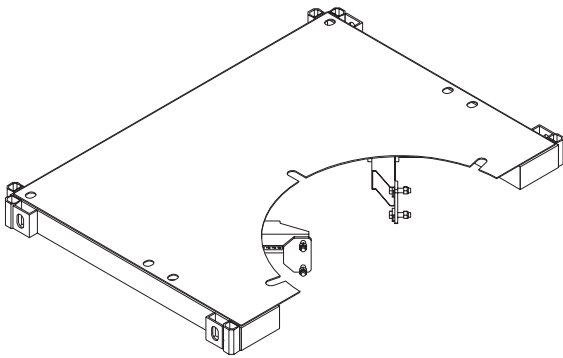
Circular Column Landing 75/120

Alu, powder-coated.

Adjustable to suit any column diameter from \varnothing 750mm to \varnothing 1200mm in 50mm increments.

77,80

102176



Permissible Load = 150kg/m²

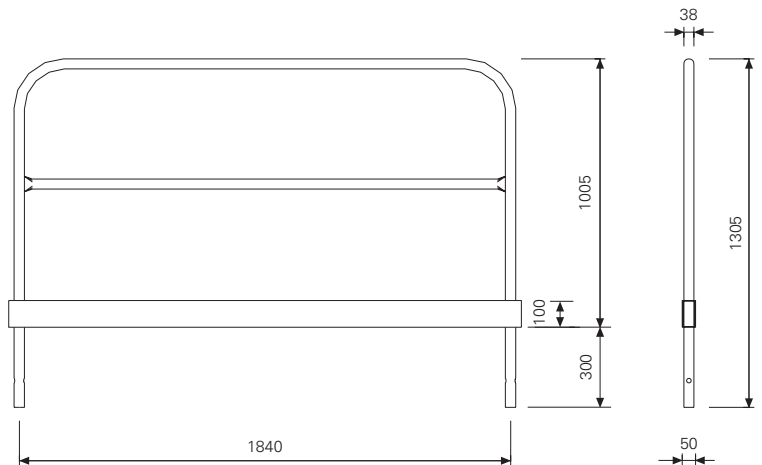
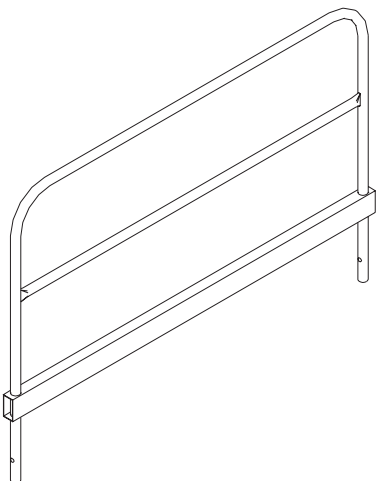
Handrail 184, galv.

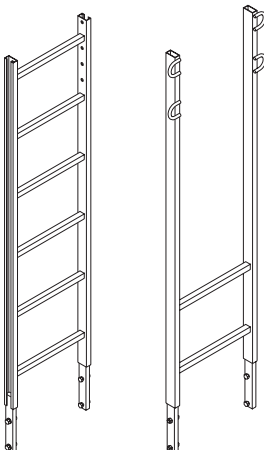
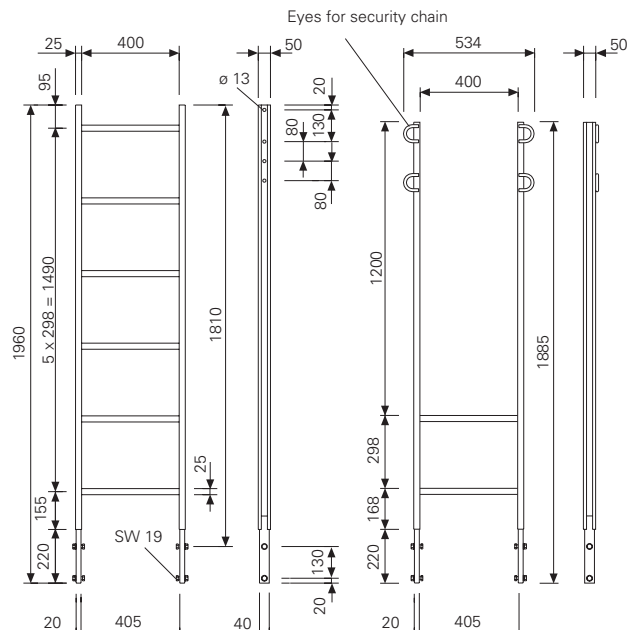

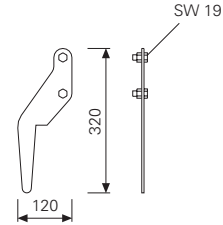
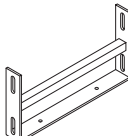
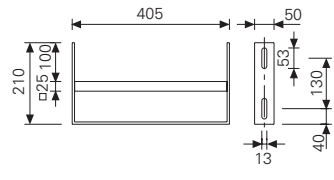
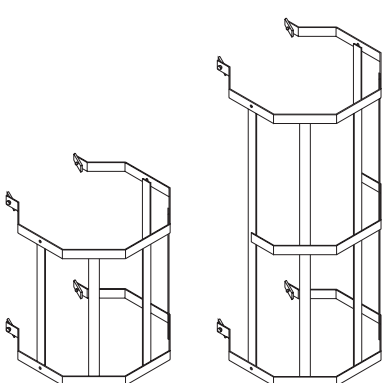
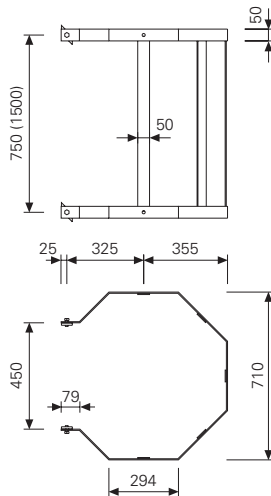
2 per Column Platform 75/120 required

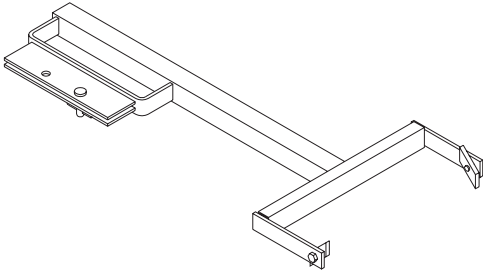
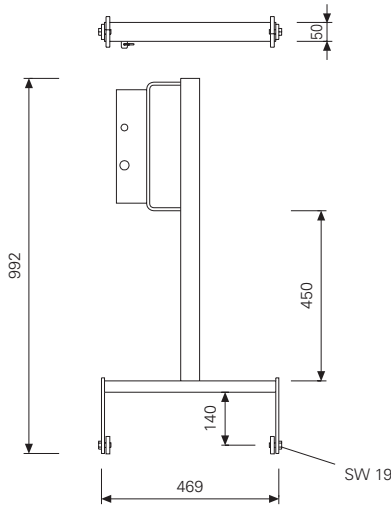
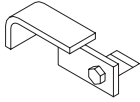
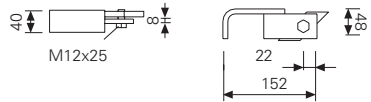
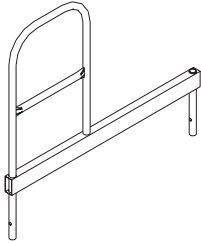
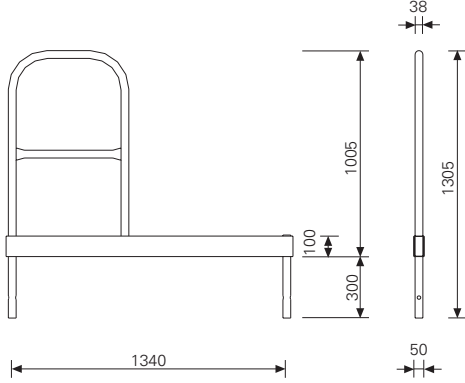
Locks in place automatically.

22,60

102178



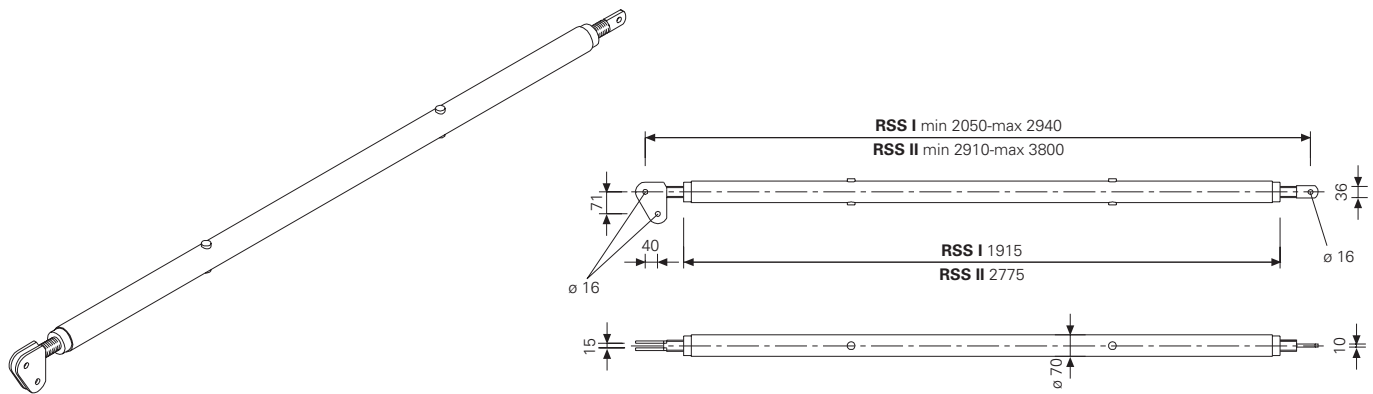
	Weight kg	Item no.	
<p>Ladder 180/6, galv. Access ladder 180/2, galv. Complete with: Hex. Bolts ISO 4017 M12x40-8.8, galv. and Hex. Nut ISO 7042 M12-8, galv. (4x)</p> 	<p>13,10 11,10</p>	<p>051410 103724</p>	
<p>Accessories: Formwork chain 3kN, 2,5m</p>	1,37	065073	
<p>Ladder hook, galv. Only for the lower ladder (2x) Complete with: Hex. Bolt ISO 4017 M12x25-8.8, galv. and Hex. Nut ISO 7042 M12-8, galv. (2x).</p> 	0,68	103718	
<p>Ladder Base For preventing the ladders sliding.</p> 	2,36	051460	
<p>Ladder Safety Cage 75, galv. Ladder Safety Cage 150, galv. Complete with: Hex. Bolt ISO 4017 M12x25-8.8, galv. (4x), Clamping plate (4x)</p> 	<p>15,50 25,20</p>	<p>104132 051450</p>	

	Weight kg	Item no.	
<p>Ladder connector SRS, galv. For connecting ladders to SRS circular column units up to \varnothing 700mm Complete with: Hex. Bolts ISO 4017 M12x25-8.8, galv. (2x) Clamping plate (2x), \varnothing 16x42 Bolt, galv. (1x) and cotter pin 4/1 (1x)</p> 	9,86	103374	
<p>Ladder holder SRS, galv. For fixing access ladders to the SRS access handrail. 2 for each ladder. Complete with: Hex. Bolt ISO 4017 M12x25-8.8, galv. (1x) and Clamping plate (1x)</p> 	0,70	104196	
<p>Access handrail SRS 134, galv. For circular column landings 25-70 1 for each access</p> 	14,90	103417	

RS, RSS Push-Pull Props and Accessories

	Weight kg	Item no.
Push-Pull Props RSS I L = 2,05-2,94m	18,00	028010
Push-Pull Props RSS II L = 2,91-3,80m	22,40	028020

For load capacity see PERI Design Tables.



Base Plate-2 for RSS, galv.	1,81	106000	
Base Plate for RSS* Complete with: Pin \varnothing 16x65/86 and Cotter Pin 4/1 (1x).	1,60	028090	

*for hire only

Kicker Brace AV L = 1,08-1,40m Complete with: Pin \varnothing 16x42 and Cotter Pin 4/1 (1x). For load capacity see PERI Design Tables.	5,17	028110	
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Kicker Brace AV 210 L = 1,28-2,10m Kicker Brace AV 190* L = 1,08-1,90m Complete with: Pin \varnothing 16x42 and Cotter Pin 4/1 (1x). For load capacity see PERI Design Tables.	13,00 11,90	108135 028270	
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*for hire only

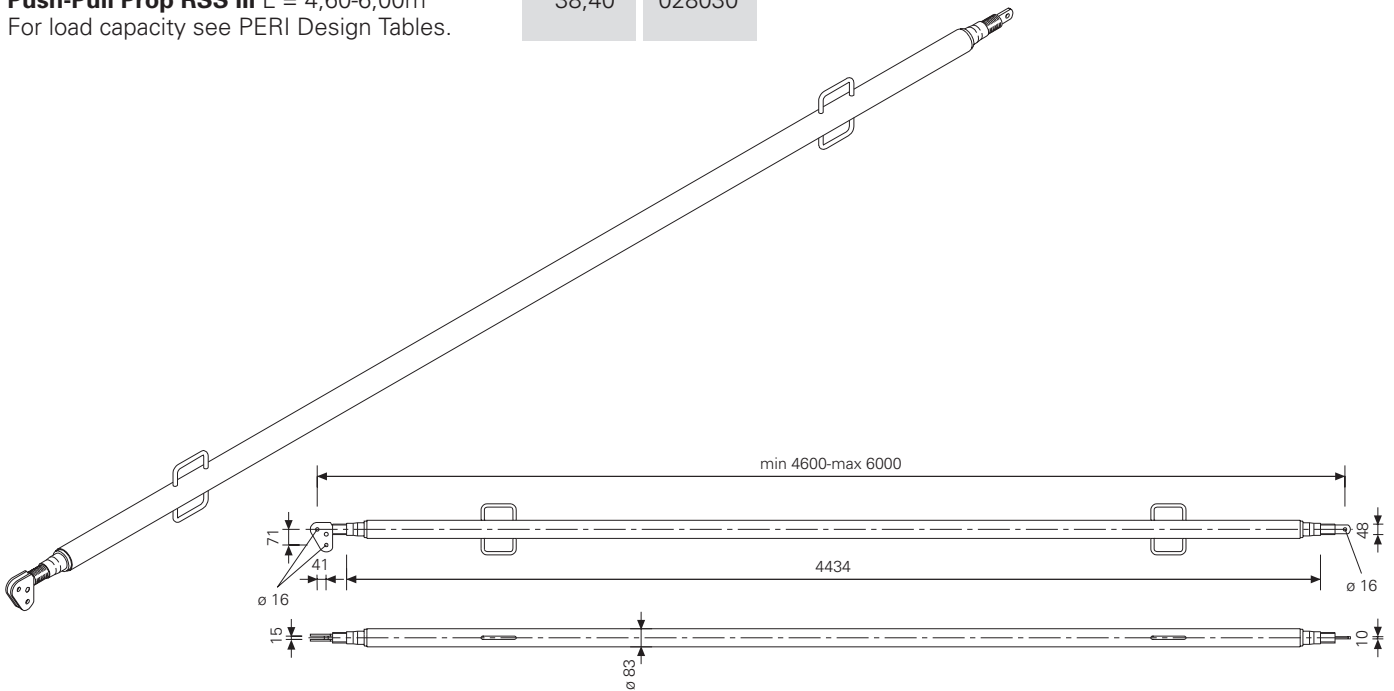
Anchor Bolt PERI MMS 20x130 For erecting props etc. without plugs. Can be used several times.	0,33	103606	
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Use 18mm drill to DIN 8035 !

Weight kg	Item no.
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Push-Pull Prop RSS III L = 4,60-6,00m
For load capacity see PERI Design Tables.

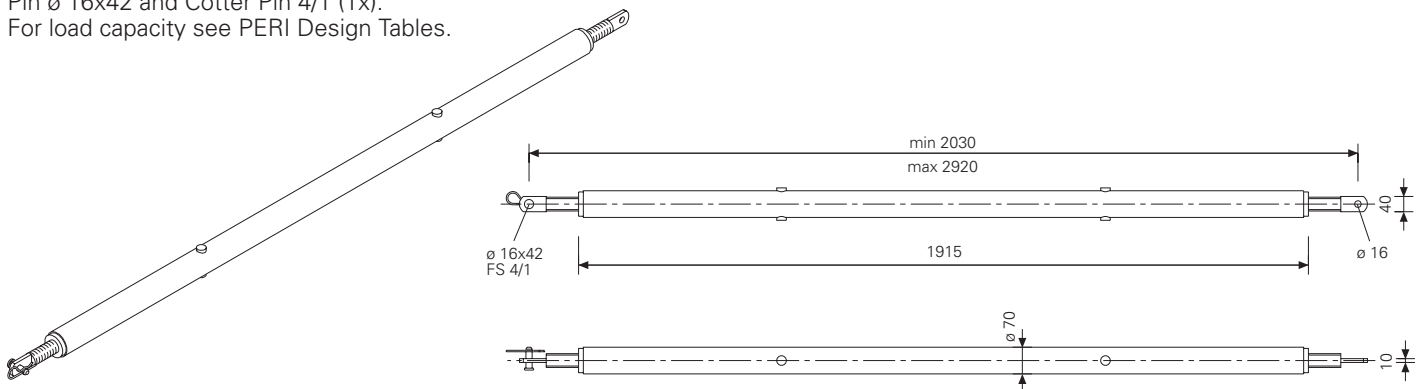
38,40	028030
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Kicker Brace AV RSS III L = 2,03-2,92m

16,90	028120
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Complete with:
Pin \varnothing 16x42 and Cotter Pin 4/1 (1x).
For load capacity see PERI Design Tables.

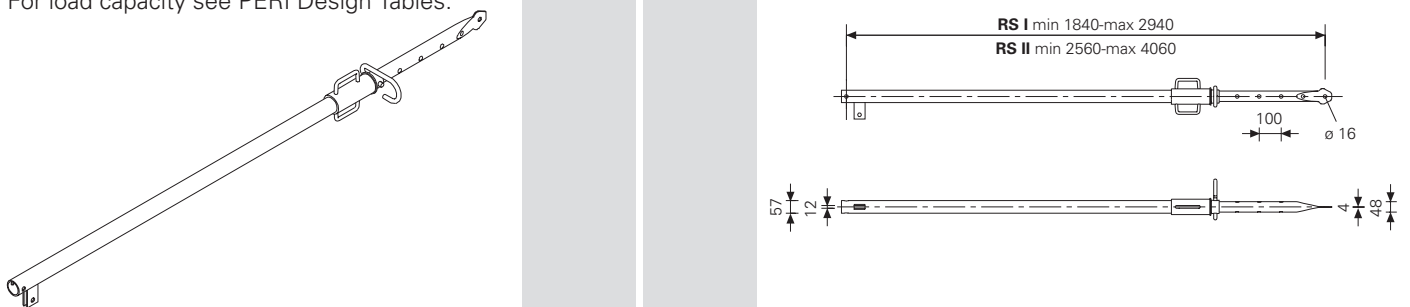


Push-Pull Props RS I L = 1,84-2,94m

13,00	028210
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Push-Pull Props RS II L = 2,56-4,06m
For load capacity see PERI Design Tables.

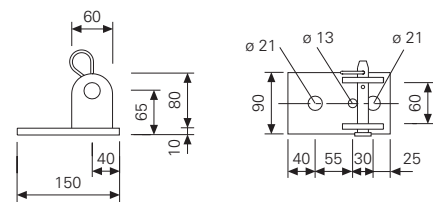
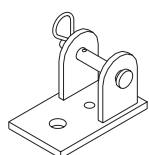
16,80	028220
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Base Plate for RS

1,86	028100
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Complete with:
Pin \varnothing 16x65/86 and Cotter pin 4/1 (1x).

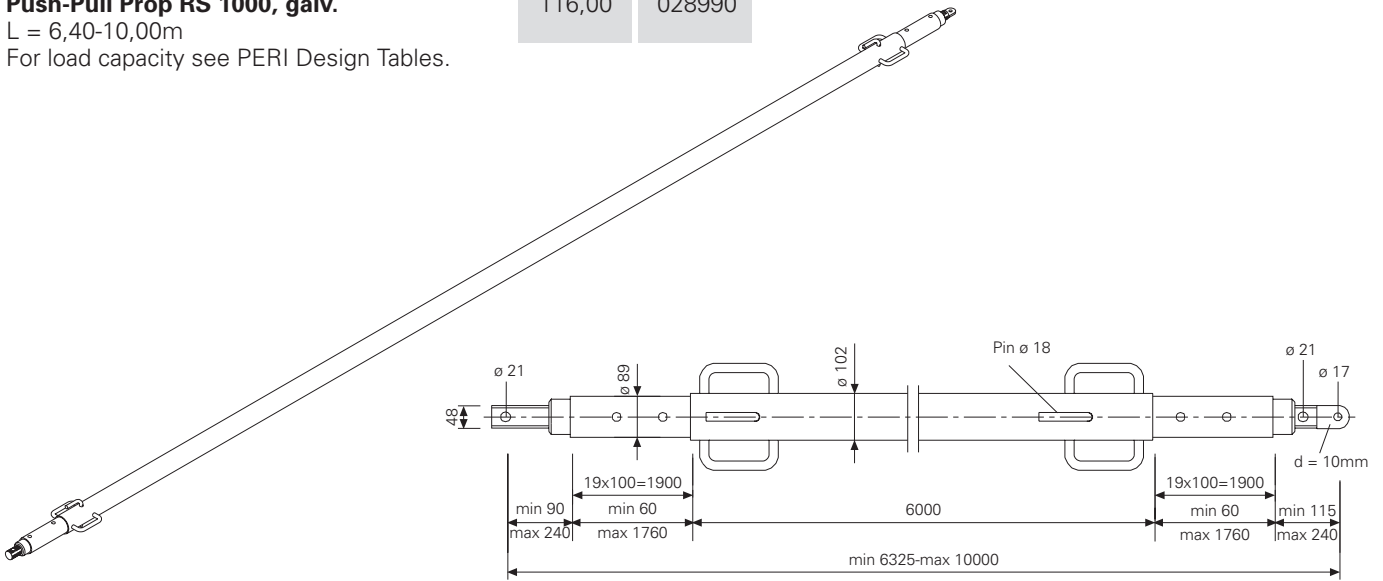


Weight kg	Item no.
116,00	028990

Push-Pull Prop RS 1000, galv.

L = 6,40-10,00m

For load capacity see PERI Design Tables.



Push-Pull Prop RS 1400, galv.

L = 6,40m-14,00m

Complete with:

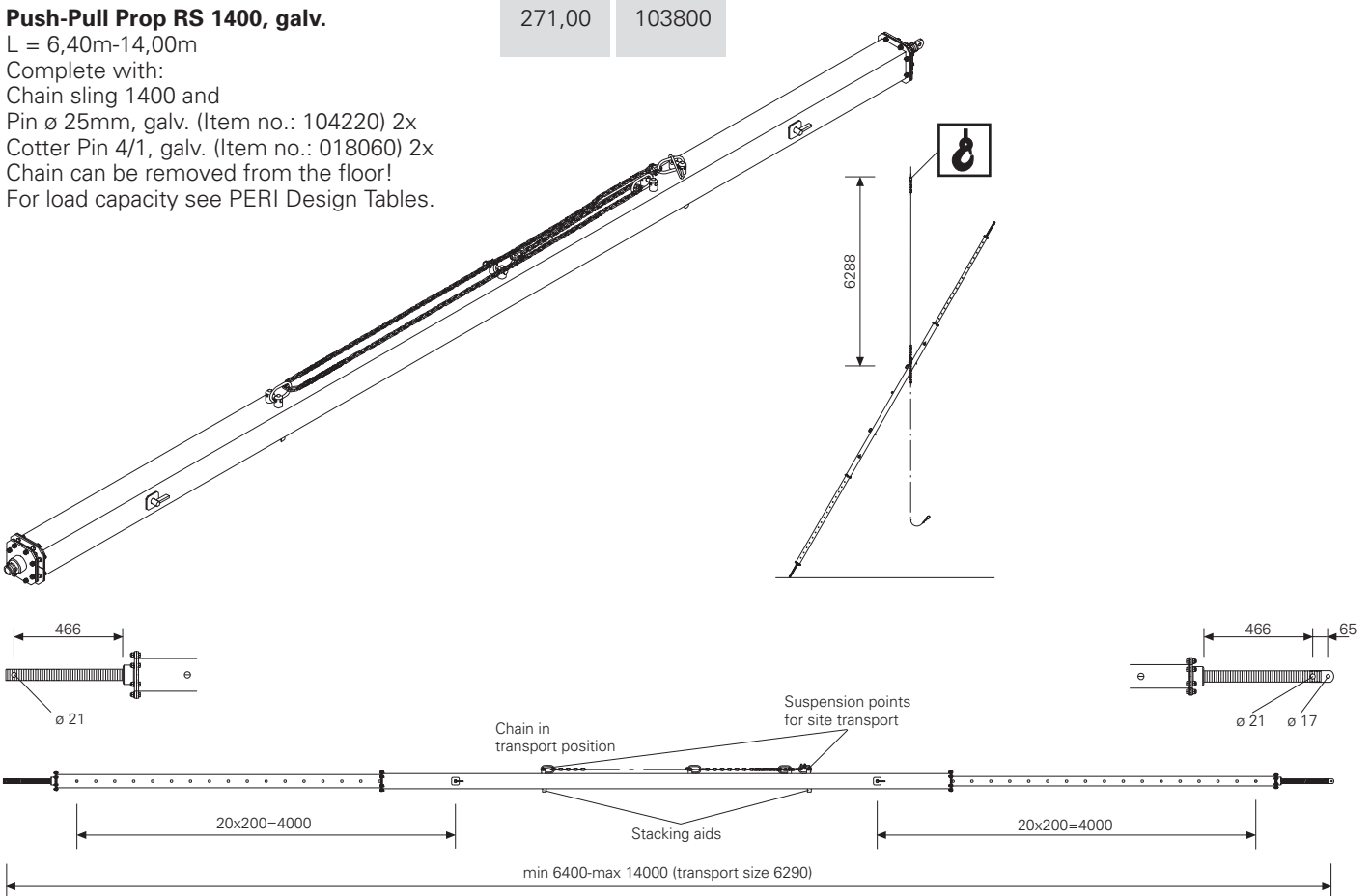
Chain sling 1400 and

Pin \varnothing 25mm, galv. (Item no.: 104220) 2x

Cotter Pin 4/1, galv. (Item no.: 018060) 2x

Chain can be removed from the floor!

For load capacity see PERI Design Tables.

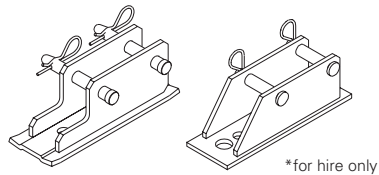


Base Plate-2 for RS 1000/1400, galv.

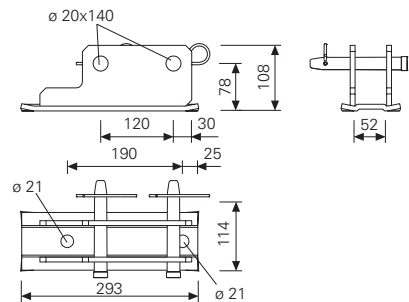
Base Plate for RS 1000/1400, galv.*

Complete with:

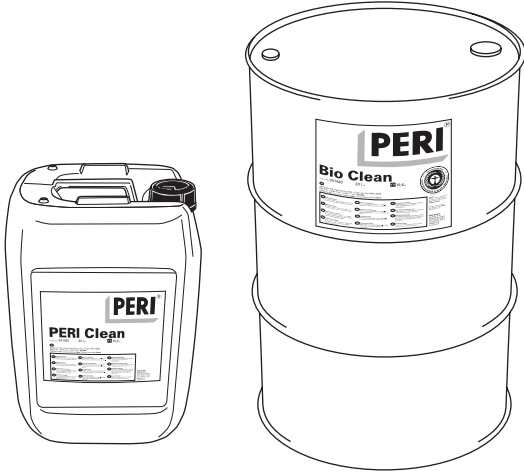
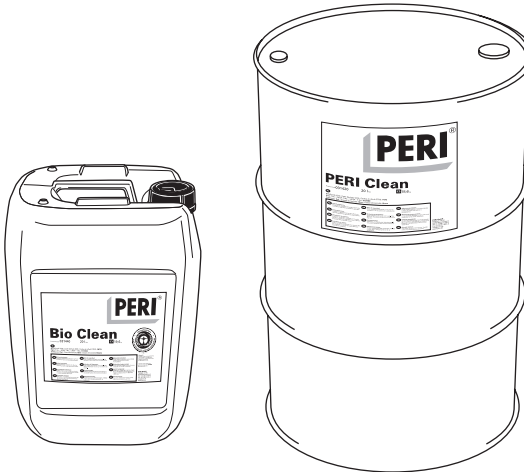
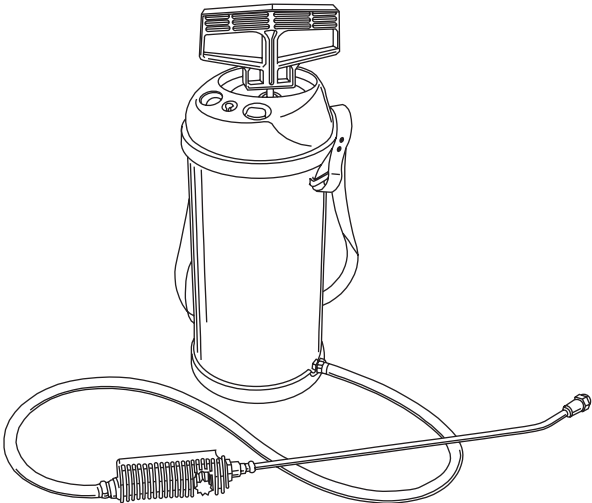
Pin \varnothing 20 and Cotter Pin 4/1 (2x).



4,91	102018
4,62	028900



PERI BIO Clean, PERI Clean

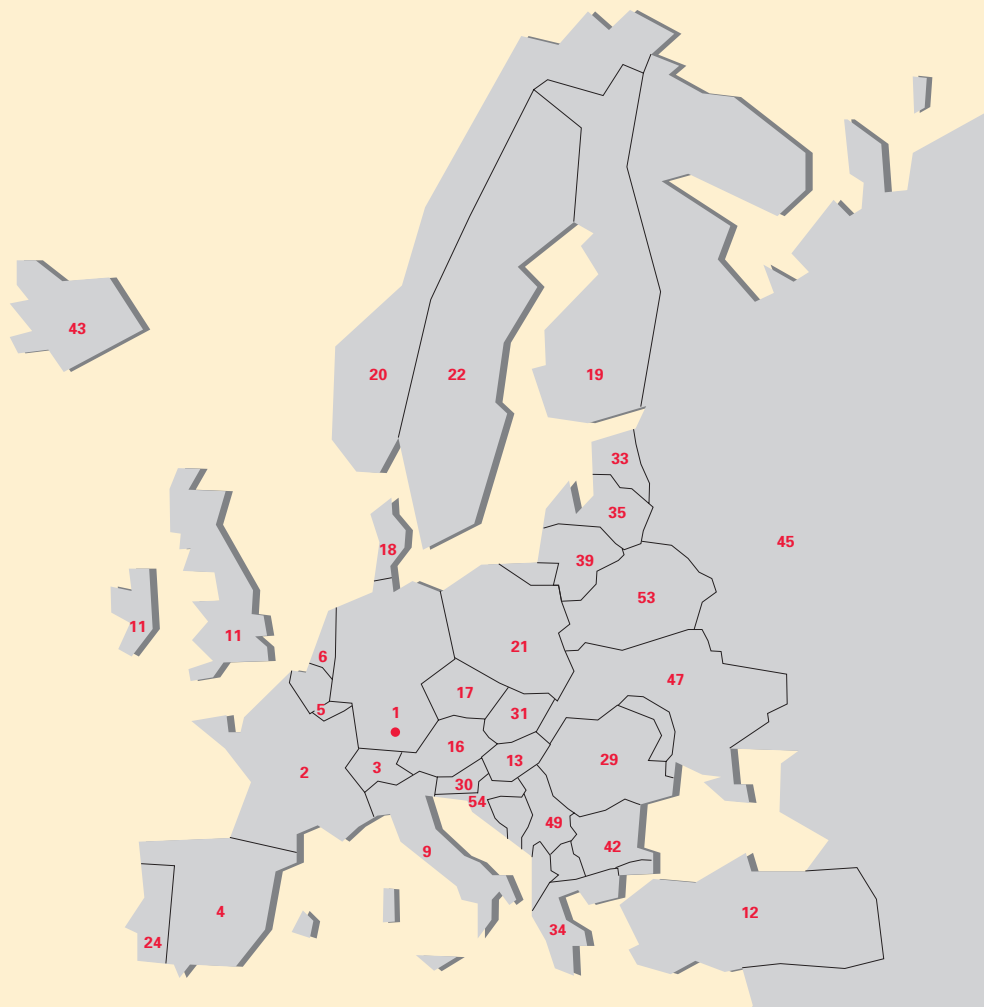
	Weight kg	Item no.	
<p>PERI Bio Clean Release Agent for all types of formwork. - Rapidly biologically degradable. - Based on mineral oils. - Class 1 on German water pollutant scale. (WGK 1)</p> <p>Release Agent Bio Clean 20L Release Agent Bio Clean 208L</p> <p>For further information see product information PERI Bio Clean.</p>	<p>0,91/L 0,91/L</p>	<p>031440 031455</p>	
<p>Consumption: 1 litre covers 50 to 90m² of formwork (depending on formwork surface)</p>			
<p>PERI Clean Release Agent for all types of formwork. Based on mineral oils. Cleans and protects. Can be used down to -15C degree. Class 1 on German water pollutant scale.</p> <p>Release Agent PERI Clean 20L Release Agent PERI Clean 208L</p> <p>For further information see product information PERI Clean.</p>	<p>0,92/L 0,92/L</p>	<p>031420 031435</p>	
<p>Consumption: 1 litre covers 50 to 90m² of formwork (depending on formwork surface)</p>			
<p>Pressure Sprayer For spraying formwork surfaces evenly with PERI BIO Clean or PERI Clean. Capacity: 5 litre</p>	<p>4,44</p>	<p>031520</p>	
<p>Spare Part: Spray Nozzle (0,1F 110)</p>	<p>0,064</p>	<p>031530</p>	

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