

**SKYANKER**

Article no. 131032

Article no. 133904

SKYANKER 21

SKYANKER 27

Translation of Original Instructions for Use – standard configuration – Version 2.0.1

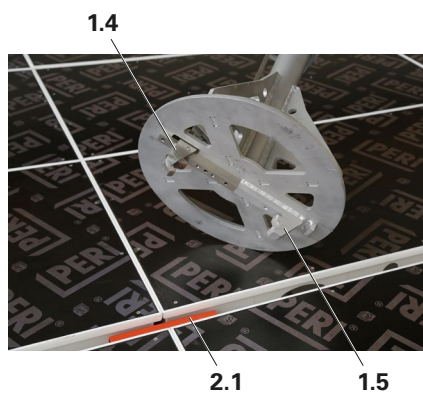
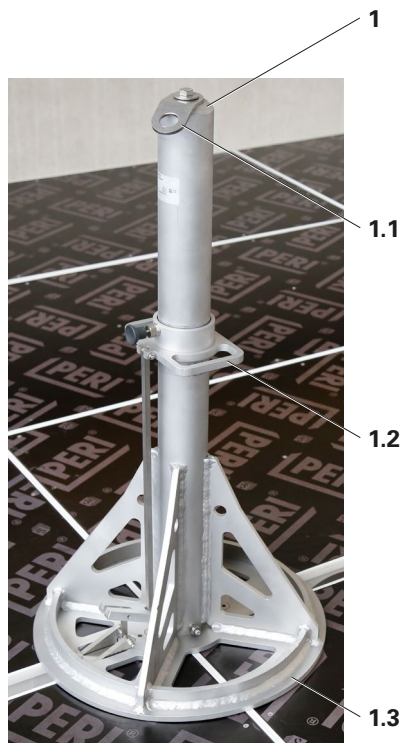
**CE**



<b>Overview</b>	
Main components	4
Key	5
<b>Introduction</b>	
Target groups	6
Intended use	7
Cleaning and maintenance instructions	8
Additional technical documentation	8
Approval	8
<b>Safety instructions</b>	
Cross-system	9
System-specific	10
Storage and transportation	11
<b>Overview</b>	
A1 Equipment, accessories, functionality	12
A2 Approval	13
A3 Safety	14
A4 Components and testing	15
<b>Operation</b>	
B1 Assembly	16
B2 Dismantling	18
<b>SKYDECK assembly instructions</b>	
C1 Notes	20
C2 Assembly sequence	22
<b>Annex</b>	
D1 EU Declaration of Conformity	26
D2 Test card for SKYANKER 21	28
D3 Test card for SKYANKER 27	30
<b>Program overview</b>	
SKYANKER	32














## Main components

- 1 SKYANKER
- 1.1 Anchor point
- 1.2 Locking mechanism
- 1.3 Base plate
- 1.4 Movable clamping claw
- 1.5 Fixed clamping claw
- 2.1 Profile supporting head






## Key

### Pictogram | Definition

-  Danger/Warning/Caution
-  Note
-  To be complied with
-  Load-bearing point
-  Visual inspection
-  Tip
-  Incorrect use
-  Safety helmet
-  Safety shoes
-  Safety gloves
-  Safety goggles
-  Personal protective equipment to prevent falling from a height (PPE)
-  Observe additional documentation

### Arrows

-  Arrow representing an action
-  Arrow representing a reaction of an action\*
-  Arrow representing forces

\* If not identical to the action arrow.

### Safety instruction categories

The safety instructions alert site personnel to the risks involved and provide information on how to avoid these risks. Safety instructions can be found at the beginning of the section or before instructions for action and are highlighted as follows:

#### **Danger**

This sign indicates an extremely hazardous situation that could result in death or serious, irreversible injury if the safety instructions are not followed.

#### **Warning**

This sign indicates a hazardous situation that could result in death or serious irreversible injury if the safety instructions are not followed.

#### **Caution**

This sign indicates a hazardous situation that could result in minor or moderate injury if the safety instructions are not followed.

#### **Note**

This sign indicates situations in which failure to observe the information can result in material damage.

### Format of the safety instructions

#### **Signal word**

Type and source of hazard!  
Consequences of non-compliance.  
⇒ Preventative measures.

### Dimensions

Dimensions are usually given in cm. Other measurement units, e.g. m, are shown in the illustrations.

### Conventions

- Instructions are numbered with: 1. ...., 2. ...., 3. ....
- The result of an instruction is shown by: →
- Position numbers are clearly provided for the individual components and are given in the drawing, e.g. **1**, in the text in brackets, for example **(1)**.
- Multiple position numbers, i.e. alternative components, are represented with a slash: e.g. **1/2**.

### Notes on illustrations

The illustration on the front cover of these instructions is understood to be a system representation only. The assembly steps presented in these Instructions for Assembly and Use are shown in the form of examples with only one component size. They are valid for all component sizes contained in the standard configuration.

To facilitate understanding, illustrations are sometimes incomplete. The safety equipment that is not shown in these detailed descriptions must nevertheless be available.

### Terminology

Unless otherwise specified, the articles SKYANKER 21 and SKYANKER 27 are referred to as SKYANKER for ease of reading and understanding.

## Target groups

### Contractors

These Instructions for Assembly and Use are designed for contractors who either

- assemble, modify and dismantle PERI systems, or
- use them, e.g. for concreting, or
- allow them to be used for other operations, e.g. carpentry or electrical work.

### Safety and Health Protection

#### Coordinator\*

- is appointed by the client,
- must identify potential hazards during the planning phase,
- determines measures that provide protection against risks,
- creates a safety and health protection plan,
- coordinates the protective measures for the contractor and site personnel so that they do not endanger each other,
- monitors compliance with the protective measures.

#### Competent person

- is appointed by the contractor,
- must be on site for all system operations,
- prepares and updates the plan for assembly, modification and dismantling,
- prepares and updates the plan for use of the system by the user,
- supervises the assembly, modification and dismantling work (supervisor).

### Competent persons qualified to carry out inspections

Due to the specialist knowledge gained from professional training, professional experience and recent professional activity, the competent person qualified to carry out inspections has a reliable understanding of safety-related issues and can carry out inspections correctly. Depending on the complexity of the inspection to be undertaken, e.g. scope of testing, type of testing or the use of certain measuring devices, a range of specialist knowledge is necessary.

#### Qualified personnel

PERI systems may only be assembled, modified or dismantled by personnel who are suitably qualified to do so. Qualified personnel must have completed a course of training\*\* in the work to be performed, covering the following points at least:

- Explanation of the plan for the assembly, modification or dismantling of the system in an understandable form and language.
- Description of the measures for safely assembling, modifying or dismantling the system.
- Naming of the preventive measures to be taken to avoid the risk of persons and objects falling.

- Designation of the safety precautions in the event of changing weather conditions that could adversely affect the safety of the system, as well as the personnel concerned.
- Details regarding permissible loads.
- Description of all other risks and dangers associated with assembly, modification or dismantling operations.



- **In other countries, ensure that the relevant national guidelines and regulations in the respective current version are complied with!**
- **If no country-specific regulations are available, it is recommended to proceed according to German guidelines and regulations.**

\* Valid in Germany: Regulations for Occupational Health and Safety on Construction Sites 30 (RAB 30).

\*\* Instructions are given by the contractor themselves or a competent person selected by them.

## Intended use

### Product description

PERI products have been designed to be used exclusively in industrial and commercial sectors by suitably trained personnel only.

The SKYANKER is a mobile attachment point pursuant to EN 795-B for preventing one person from falling when assembling slab formwork by restraining them (only when using devices with length adjustment) or by catching them (only if there is sufficient clearance above the ground).

- Only approved for use on slab formwork drophead systems with appropriate load-bearing capacity.

The SKYANKER serves as an attachment point for personal protective equipment to prevent falling from a height (PPE):

- For one person only.
- During installation of the slab formwork for inserting the panels.
- Only in conjunction with SKYDECK Slab Formwork with Drophead SFK or SKYANKER UNIVERSAL.

The following are intended for attachment to the SKYANKER:

- Full-body harness pursuant to EN 361 with a Retract. Fall Arrester EN 360 pursuant to EN 360.
- Length-adjustable fall arrester pursuant to EN 353-2.

Both versions must be suitable for horizontal use.

### Any other form of use is considered contrary to the designated use.

### Foreseeable misapplications

The SKYANKER is:

- Not permitted for use as a load-bearing point for the transport of materials.
- Not permitted for use as an attachment point for more than one person.
- Not permitted for lifting the slab formwork.
- Not to be combined with an unsuitable drophead.

### Instructions for Use

Use in a way not intended, deviating from the standard configuration or the intended use according to the Instructions for Assembly and Use, represents a misapplication with a potential safety risk, e.g. risk of falling.

Only PERI original components may be used. The use of other products and spare parts is not allowed.

Changes to PERI components are not permitted.

### Technical data

- Max. number of users: 1 person
- Operating temperature: -20 °C to + 45 °C

### Drophead

- Only combine SKYANKER 21 (131032) with Drophead SFK (061210).
- Only combine SKYANKER 27 (133904) with Drophead SFK 27 (061035).

## Cleaning and maintenance instructions

### General information

In order to guarantee cost-effective, technical and safe use over a long period, it is important to take a value-preserving approach.

Never clean powder-coated components, e.g. elements and accessories, with a steel brush or hard metal scraper; this ensures that the powder coating remains intact.

Provide suitable support for the components during cleaning so that no unintentional change in their position is possible.

Do not clean components suspended on crane lifting gear.



Wear suitable protective equipment when cleaning components, such as:

- Safety helmet,
- Safety shoes,
- Safety gloves,
- Safety goggles.

Use PERI original parts as spare parts.

### System-specific

- Keep moving parts on carabiners and other components in good working order by applying oil to the hinges. It is best to use fine mechanical oil for this. Ensure that textile PPE components do not come into contact with oil.
- Maintenance of PPE components may only be carried out by a qualified person in accordance with DGUV provision 312-906.
- Allow damp PPE components to air dry; do not place them on artificial heat sources. Rub metal components dry with a cloth.
- After contact with salt water, clean PPE components with distilled water and dry, if necessary blow down with unoiled compressed air.
- If disinfection is required, contact the manufacturer of the PPE component.

## Approval

### Conformity

Conformity with Regulation (EU) 2016/425 on PPE.

### Certification and monitoring

EU type testing (module B) and production monitoring (module C2) by: DEKRA Testing and Certification GmbH CE 0158 Dinnendahlstr. 9 D-44809 Bochum, Germany

Quality management system certification according to ISO 9001:2015.

Production monitoring by notified body category III.

## Additional technical documentation

- Approvals:
  - ZP/B028/24
- User information:
  - RFID LA-TAG D22 Assembly Set
- Manufacturer documentation:
  - Full-body harness in accordance with DIN EN 361:2002-09
  - Retractable Fall Arrester EN360
- Relevant standards and regulations:
  - DIN EN 360:2002-09: Retractable-type fall arresters
  - DIN EN 361:2002-09: Full-body harnesses
  - DIN EN 362:2004-09: Connecting elements
  - DIN EN 363:2019-06: Personal fall protection equipment
  - DIN EN 795:2012-10: Attachment devices
  - DGUV regulation 112-198 – Use of personal protective equipment against falls from a height
  - DGUV regulation 112-199 – Rescue from heights and depths using personal fall protection equipment



## Cross-system



### Safety instructions apply to all service life phases of the system.

#### General information

The contractor must ensure that the Instructions for Assembly and Use supplied by PERI are available at all times and understood by the site personnel.

These Instructions for Assembly and Use can be used as the basis for creating a risk assessment. The risk assessment is compiled by the contractor. The Instructions for Assembly and Use are not a substitute for a risk assessment!

Observe and comply with the safety instructions and permissible loads.

For the application and inspection of PERI products, observe the current laws and regulations in force in the respective countries.

Materials and working areas are to be inspected before each use and assembly for:

- damage,
- stability and
- functional integrity.

Damaged components must be exchanged immediately on site and no longer used.

Safety components are to be removed only when they are no longer required.

When on slab formwork, scaffolds and working platforms:

- do not jump,
- do not run,
- do not drop anything from or onto it.

Components provided by the contractor must comply with the characteristics stipulated in these Instructions for Assembly and Use and all applicable laws and standards. Unless otherwise indicated, the following applies in particular:

- Timber components:  
Strength class C24 for solid wood according to DIN EN 338:2016-07.
- Scaffolding tubes:  
Galvanised steel tubes with minimum dimension  $\varnothing 48.3 \times 3.2$  mm according to DIN EN 12811-1:2004-03 4.2.1.2.
- Scaffolding tube couplings:  
according to DIN EN 74-1:2022-09 and DIN EN 74-2:2022-09.

Deviations from the standard configuration are only permitted after a further risk assessment has been carried out by the contractor.

Appropriate measures for working and operational safety, as well as stability, are defined on the basis of this risk assessment.

Corresponding proof of stability can be provided by PERI on request if the risk assessment and resulting measures to be implemented are made available.

Nails and wood screws must not protrude. Only allow other connecting components to protrude to the extent that is necessary. If necessary, mark protruding components or fit them with protective material.

Secure all bolts with cotter pins and all screws with nuts

Before and after extraordinary events that may have damaging effects on the safety of the system, the contractor must immediately

- produce another risk assessment, the results of which must be used to implement suitable measures to ensure the stability of the system,
- arrange for an extraordinary inspection to be carried out by a competent person qualified to do so. The aim of this inspection is to detect and repair damage in good time in order to ensure safe use of the system.

Exceptional events could be:

- accidents, fire, explosions, collisions,
- long periods of non-use,
- natural events, e.g. heavy rainfall, heavy snowfall, significant icing, storms or earthquakes.

Suitable measures could be:

- removing nets/tarpaulin,
- clearing snow and ice,
- reducing live loads,
- securing loose materials.

## Assembly, modification and dismantling work

PERI systems may only be assembled, modified or dismantled under the supervision of a person qualified to do so and by technically suitable employees. The qualified personnel must have received appropriate training for the work to be carried out with regard to specific risks and dangers.

On the basis of the risk assessment and Instructions for Assembly and Use, the contractor must create installation instructions in order to guarantee safe assembly, modification and dismantling of the climbing unit.



The contractor must ensure that the personal protective equipment required for the assembly, modification or dismantling of the scaffolding system, e.g.

- Safety helmet,
- Safety shoes,
- Safety gloves,
- Safety goggles,

is available and used as intended.

For work at a higher level, use an approved ladder or platform system, or an assembly scaffold.



If personal protective equipment against falling from a height (PPE) is required or specified in local regulations, the contractor must determine appropriate attachment points on the basis of the risk assessment.

The PPE to be used to prevent falling is determined by the contractor.

The contractor must

- provide safe working areas for site personnel, which are to be reached through the provision of safe access ways, cordon off and clearly mark danger zones.
- guarantee stability during all stages of construction, in particular during assembly, modification and dismantling operations.
- ensure and demonstrate that all loads that occur are safely transferred.

## Use

Every contractor who uses or allows the PERI systems to be used, is responsible for ensuring that the equipment is in good condition.

If the system is used successively or at the same time by several contractors, the health and safety coordinator must point out any possible mutual hazards and all work must then be coordinated.

When systems are used in publicly accessible areas,

- measures to prevent unauthorised use, e.g. enclosure of access areas, must be taken.
- measures are taken against injuries caused by bumping against protruding components, e.g. assembly of protective components.

Always keep the contact surfaces of the system free of dirt, objects, snow and ice.

Close off the system in extreme weather conditions.

## System-specific



### Safety instructions apply to all service life phases of the system.

Incorrectly installed or damaged SKYANKER as well as improper use could lead to a fall with associated injuries and/or death!

A damaged SKYANKER may fail even under normal operating conditions. Damaged SKYANKERS must not be used.

Only specially trained individuals are allowed to use this product. All trained individuals must be aware of and take into account country-specific requirements.

The user of this product must be in good health. The user must not be under the influence of drugs, alcohol or medication.

Ensure that an emergency rescue plan is available whereby all possible emergencies at work have been taken into account.

Each time before use, check the SKYANKER for obvious defects (deformations, cracks, corrosion), integrity and proper function.

It is imperative that no changes have been made to the SKYANKER.

All repair measures must be carried out in accordance with the instructions provided by PERI.

The load may only be applied in the intended direction by one person only.

The SKYANKER is not intended for lifting loads.

Only use connecting elements suitable for the SKYANKER which have been approved in accordance with EN 362. Take into account all corresponding individual operating instructions for all equipment parts that are part of the entire system of the personal protective equipment. Non-compatible equipment items can put the safe functioning of the entire system at risk.

Only tested body restraining devices may be used. They have to feature a fall impact absorber pursuant to EN 355 which limits the forces acting on the person to a maximum of 6 kN during a restraining operation, or a Retract. Fall Arrester EN 360 may be used.

Attachment points that have been subjected to stress due to a fall are to be taken out of service and must not be reused until a competent person has given their written approval.

For safety reasons, it is essential that the position of the attachment point is chosen so that the height of a fall is reduced to an absolute minimum in the event of this happening.

Select a length of safety rope that ensures that in the event of a fall, no impact with the ground or another obstacle is possible.

Use the SKYANKER with the care, diligence and sense of responsibility required on construction sites. When using the SKYANKER, take care not to accidentally fall or injure yourself on the SKYANKER being used.

For the safety of the user, it is important that if the equipment is resold to another country, the reseller provides instructions for use, maintenance, periodic inspections and repair in the language of the other country.

## Storage and transportation

### General information

- Store and transport components in such a way that no unintentional change in their position is possible. Detach load-lifting accessories and lifting gear from the lowered components only if they are in a stable position and no unintentional change is possible.
- Do not drop the components.
- Only ever use approved and inspected means of transportation from PERI including lashing, lifting gear and slings.
- Only ever attach the means of transport to the intended attachment points with a positive fit using suitable lifting gear and slings.

### During the relocation procedure

- Ensure that components are picked up and set down in such a way that unintentional falling over, falling apart, sliding, falling down or rolling is avoided.
- Always use ropes to guide components or assemblies that are susceptible to wind when moving them with a crane.
- No one is allowed to remain under the suspended load.
- The access areas on the construction site must be free of obstacles and tripping hazards, and must also be slip-resistant.
- For transportation, the substrate must have sufficient load-bearing capacity.
- Use original PERI storage and transport systems, e.g. crate pallets, pallets or stacking devices.

## Equipment

- Safety support, H= 0.9 m with rotating attachment point.
- Base plate with reinforcing ribs.
- Locking mechanism for form-fit connection to the head element of the Drophead SFK.
- Safety device for preventing unintended release using secured locking pins; optional theft protection by means of a lock.
- Ergonomic operation of the locking mechanism with personnel in a standing position (no bending).

## Accessories

Personal protective equipment:

- Retract. Fall Arrester EN360 with wire rope or strap webbing, L = 3.0 m or 5.5 m with impact absorption < 6.0 kN.
- Full-body harness pursuant to EN 361.

## Function

- Restraint (only when using safety ropes with fixed length adjustment)  
→ Optimum safety.
- Arrest (only if there is sufficient clearance above the ground).



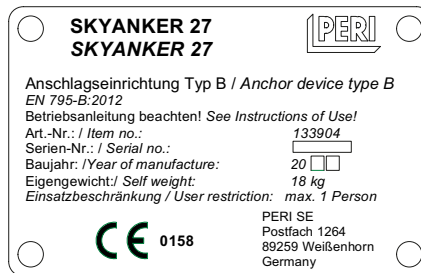
**Do not use the SKYANKER if the type plate is missing or illegible.**

**Approval:**

- CE type certification pursuant to PPE Regulation (EU) 2016/425.
- Type examination pursuant to EN 795 "Type B attachment device".
- Additional tests in combination with the SKYDECK system.

Before using the SKYANKER, carry out a risk assessment on every construction site to check whether:

- there is sufficient clearance under the SKYDECK.
- the clearance has been restricted by obstacles or installations.
- it is the case that there is no other way of ensuring safety.



## Safety regulations

- Use only by authorised personnel.
- Ensure that there is sufficient free space beneath the working area.
- Carry out a risk analysis with regard to ground impact injuries.
  - Especially for low formwork heights <4.0 m.
- In the event of a fall over the edge, determine measures for rescue operations and practise these.
- Do not continue to use any defective or fall-affected equipment.
- Only use recommended accessories.
- Use helmet fitted with a chin strap.
- At least once every 12 months: inspection is to be carried out by a specialist including an entry in the equipment register.
- Do not store any tools or materials on the working area on the slab formwork during shuttering operations.

## Using the SKYANKER

1. Put on the Fullbody Harness and adjust it to your body size (see separate instructions for use).
2. Attach the Height Safety Device EN360 to the attachment point of the SKYANKER.
3. Attach the safety hook of the Height Safety Device EN360 to the rear eyelet of the Fullbody Harness.



### Danger

- In the event of a fall, the secured person may hit the ground! This could result in serious injuries or even death.
  - ⇒ Ensure there is clearance under the slab formwork.
  - ⇒ When using the SKYANKER with restraining system: always keep the connection length shorter than the distance to the edge!
- If the SKYANKER falls, the secured person may hit the ground! This could result in serious injuries or even death.
  - ⇒ Only use the SKYANKER on SKYDECK Slab Formwork with Drophead SFK.
  - ⇒ Note the direction of force application.
  - ⇒ The slab formwork must be braced.



### Danger

The SKYANKER is a device for attaching PPE. The SKYANKER is not a safety device that can protect the user from any injury. In particular, it is possible for the user of the SKYANKER to fall against or onto other objects located on the construction site if a fall occurs, thereby causing injury to the person. Such injuries cannot be prevented or ruled out through use of the SKYANKER. Therefore, there is a residual risk in the event of a fall that can result in the user of the SKYANKER being injured or killed. By using the SKYANKER, the user consciously accepts this residual risk.



The total fall-arrest distance in the event of a fall over the edge is calculated as follows:

- Reaction distance: protection system + elongation approx. 0.3 m.
  - Braking distance: approx. 1.7 m max.
  - Body length of the suspended person approx. 2.0 m.
- = Minimum height of the formlining above the ground: approx. 4.0 m. Only use the restraint function at lower heights. This prevents injuries caused by contact with the ground. Adjust the fastener accordingly.

## Components

- 1 SKYANKER
- 1.1 Anchor point
- 1.2 Locking mechanism
- 1.3 Base plate
- 1.4 Movable clamping claw
- 1.5 Fixed clamping claw

### Technical data:

Weight: approx. 15.0 kg  
 Height: max. 0.9 m  
 Users: max. 1 person  
 Strength: 12.0 kN



The SKYANKER locking mechanism consists of a fixed and a swivelling clamping claw for the Drophead SFK.

As work progresses, move the attachment device accordingly. Maintain a safety distance of at least 2 m to the fall edge.

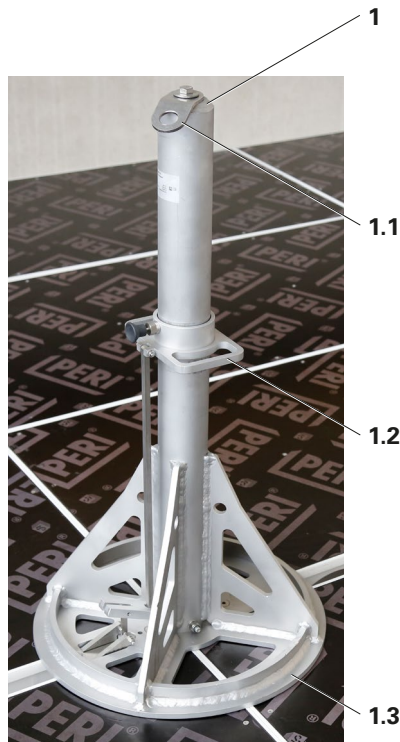


Fig. A4.01

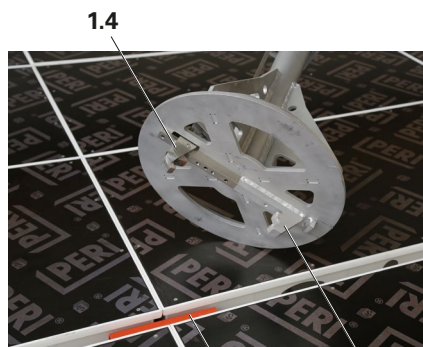


Fig. A4.02



**Carry out a visual and functional check each time before using the SKYANKER!**

### Visual inspection:

- The SKYANKER is complete.
- There are no deformations in the SKYANKER.
- There are no cracks in the SKYANKER.
- The SKYANKER is free of corrosion.
- The last inspection by an expert was carried out no longer than 12 months ago.

### Functional check:

- Movable clamping claw can be freely moved.
- The clamping claws fit into the prop head tube of the formwork system.
- Locking mechanism closes completely and securely.
- Clamping device of the locking mechanism is conventional (handle with pulling device).
- Locking pin locks automatically and does not jam.

### Corrective maintenance:

- If any defects are found during the inspection of the SKYANKER, it must not be used again.
- The SKYANKER may only be inspected and maintained by PERI.





- Install the SKYANKER from a safe working position.
- Ensure that the correct SKYANKER (21 mm or 27 mm) is used together with the appropriate Drophead SFK.

## Assembly

1. Insert the fixed clamping claw into the joint between the formwork panels.
2. Place the base plate of the SKYANKER flat on the formwork panels.

(Fig. B1.01)

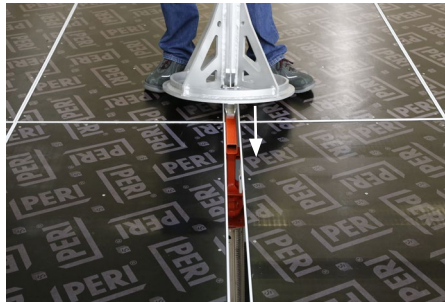


Fig. B1.01

3. Pull the SKYANKER in the direction of the joint until the fixed clamping claw engages in the drophead tube of the SKYDECK Prop.
- (Fig. B1.02 + Fig. B1.03)



Fig. B1.02

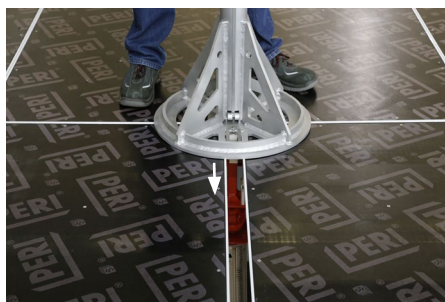


Fig. B1.03



4. Position the base plate of the SKYANKER flat.
5. By pressing down the hand lever on the prop tube, pivot the movable clamping claw into the other end of the drophead tube.
  - The locking pin must then engage.
  - If the locking pin does not engage independently, manually press the locking mechanism downwards until the locking pin engages.

(Fig. B1.04 + Fig. B1.05)



Fig. B1.04



Fig. B1.05



Manually check whether the attachment device is positively anchored.

- The two clamping claws enclose both ends of the drophead tube.
- The locking mechanism is in the bottom position.
- The locking pin is engaged.

(Fig. B1.06)

- The SKYANKER is ready for use.
- The Height Safety Device EN360 can be attached to the anchor point.



Fig. B1.06

## B2 Dismantling

1. Pull out the locking pin of the locking mechanism and, at the same time, pull the locking mechanism upwards. (Fig. B2.01 + Fig. B2.02)



Fig. B2.01



Fig. B2.02

2. Push the SKYANKER back into the joint between the formwork panels and then lift it. (Fig. B2.03)



Fig. B2.03

3. Lift out the SKYANKER.  
(Fig. B2.04)



Fig. B2.04

→ The SKYANKER is dismantled and  
can be moved to the next location.  
(Fig. B2.05)



Fig. B2.05



To ensure safe use of the SKYANKER, assemble the SKYDECK Slab Formwork in accordance with the following instructions.

- Comply with the Instructions for Assembly and Use for SKYDECK Panelized Slab Formwork.
- SKYDECK Panels and Dropheads SFK must be free of any concrete residue so that the clamping claws of the SKYANKER can correctly engage and lock in position.

### Wall Holder SWH-2

In every second bay, fix SKYDECK Panels to the structure using Wall Holders SWH-2 (2).

Secure the fixed panels with two additional Panel Wedge Clips SPKK (3). (Fig. C1.01)

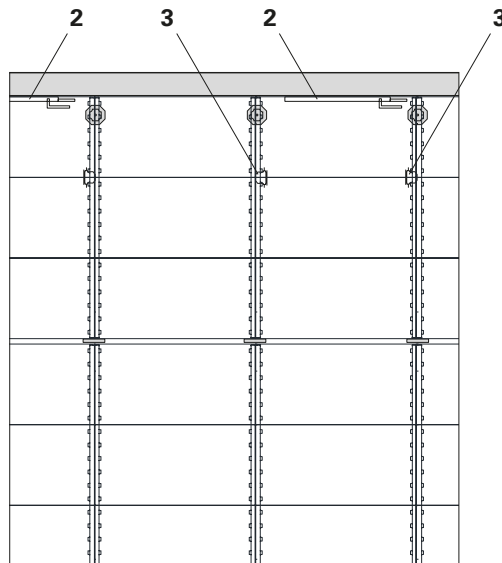


Fig. C1.01

## Frame MRK / PRK

Brace the prop (6) supporting the SKYANKER (1) by means of a Stiffening Frame MRK or PRK (4a/4b).

The Frame MRK / PRK runs underneath the Main Beam SLT (5). It connects the prop (6) of the SKYANKER to the prop (6a) rearwards to the shuttering direction.

Use MULTIPROP Frame MRK 201.5 AL (4a) in the starter bay. (Fig. C1.02)

Use MULTIPROP Frame MRK 230 AL (4b) in the middle bay. (Fig. C1.03)

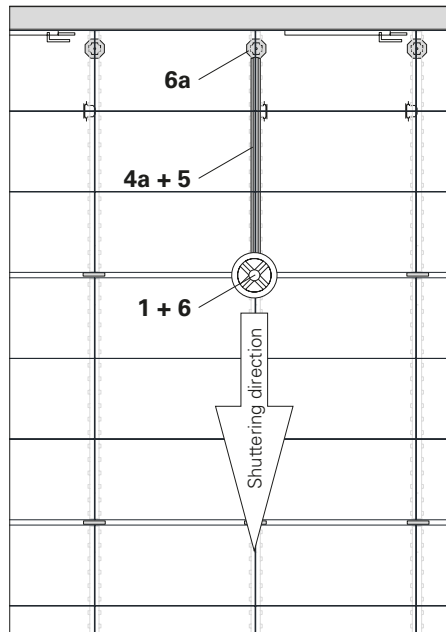


Fig. C1.02

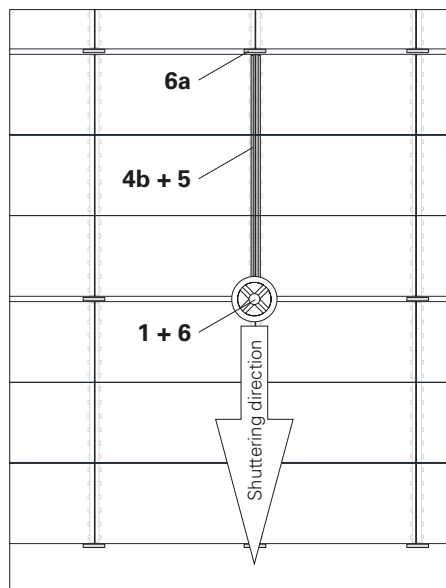


Fig. C1.03

## C2 Assembly sequence

When shuttering bay by bay, first work in the transverse direction.

Secure the props of each free-standing Main Beam SLT 225 (5) with universal tripods Ø57-120 mm (8). Always position the universal tripods Ø57-120 mm in such a way that the fixed leg (8.1) is beneath the completed formwork. Also secure the prop in the neighbouring bay with universal tripod Ø57-120 mm (8a). (Fig. C2.01)

Site personnel, wearing the appropriate safety equipment, may only move on the SKYDECK Panels marked in grey. The SKYANKER must be positioned in the hatched area. (Fig. C2.01 + Fig. C2.02)

Remove and re-position the Universal Tripods Ø57-120 mm (8) only when the bay is completely covered with panels and site personnel wearing safety equipment are no longer in the area of risk. (Fig. C2.03)



The Universal Tripods Ø57-120 mm (8) reduce the potential impact on the SKYDECK Formwork System in the event of a swinging fall. Situations where there is a risk of a swinging fall must be prevented.

\* Installation direction

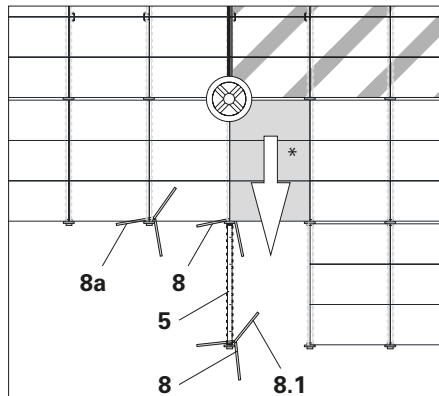


Fig. C2.01

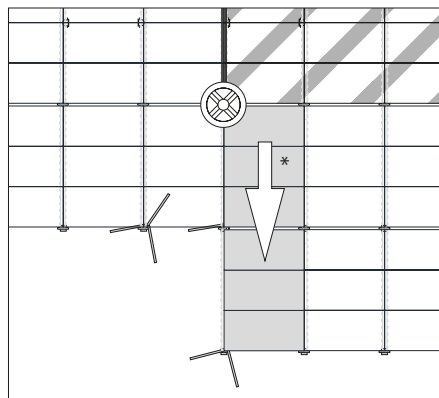


Fig. C2.02

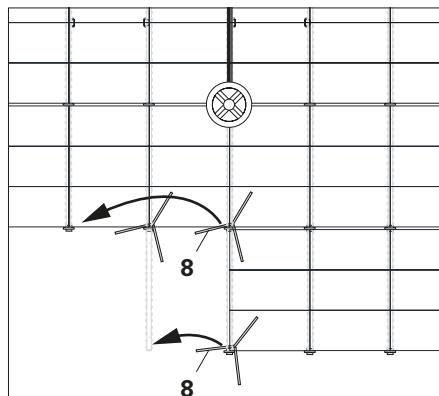


Fig. C2.03

## C2 Assembly sequence

Assemble the white panel areas from below (e.g. with the Stripping Cart ASW).

Use the SKYANKER (1a) on the wall side as an attachment point.

Only shutter the area marked in grey.

Installation of the SKYDECK Panels always begins on the wall side.

Assembly sequence 1 – 2 – 3 – 4.

(Fig. C2.04)

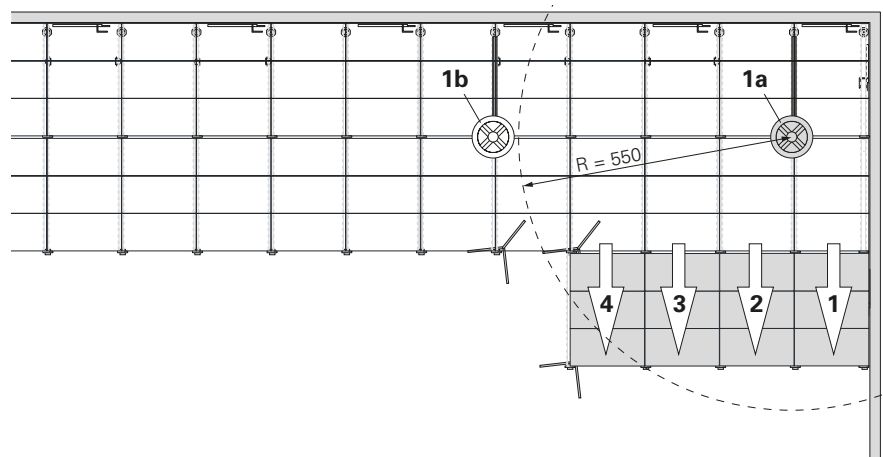


Fig. C2.04

Use the SKYANKER (1b) on the bay side as an attachment point.

Only shutter the area marked in grey.

Assembly sequence 1 – 2 – 3 – 4.

(Fig. C2.05)

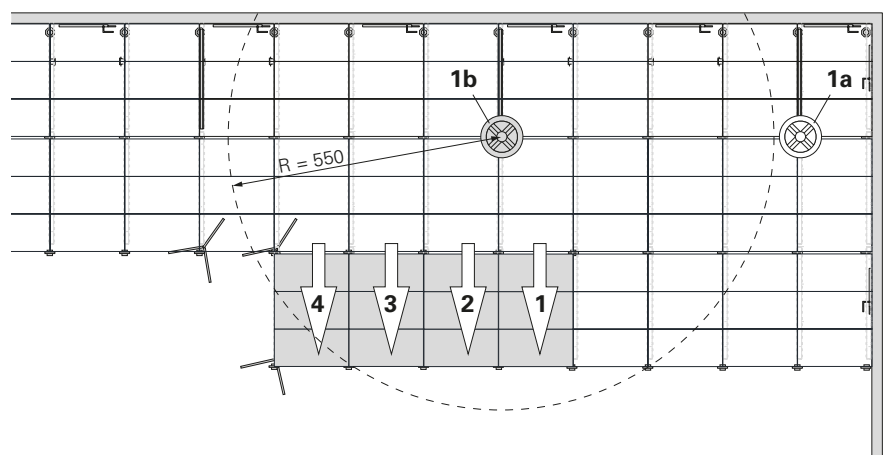


Fig. C2.05

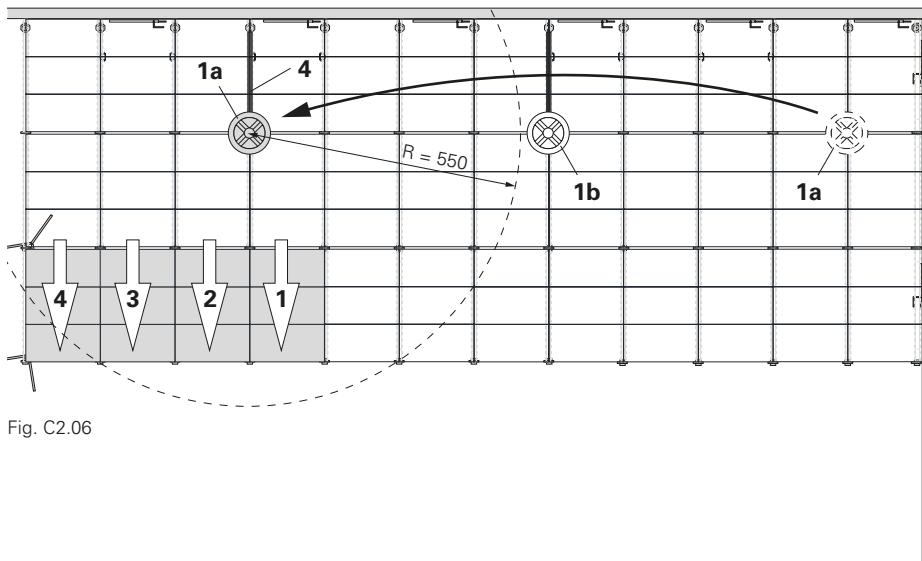


Fig. C2.06

Move the SKYANKER (**1a**) on the wall side. Use the SKYANKER (**1b**) inside the bay as an attachment point for the moving process.

Move the frame (**4**) in the same way. Use the SKYANKER (**1a**) in the new position as an attachment point for shuttering the area marked in grey.



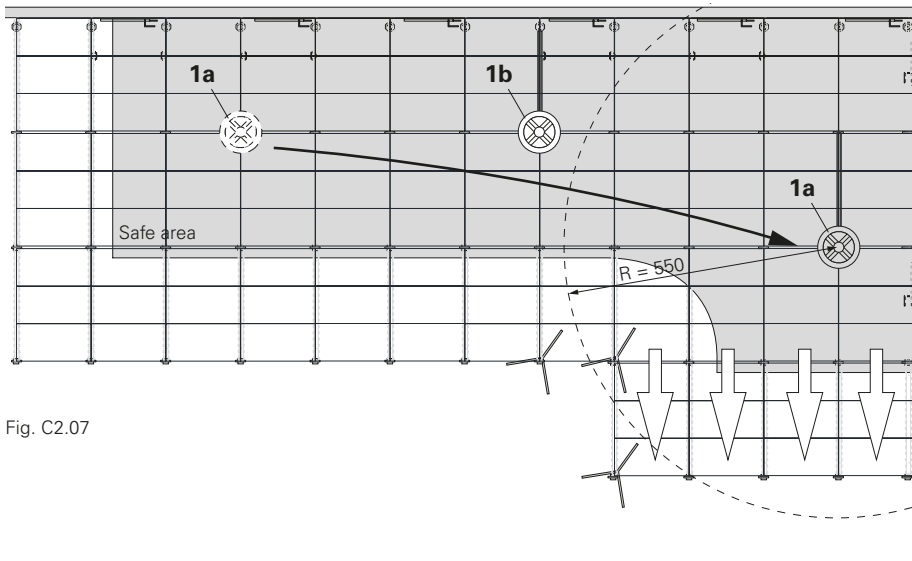


Fig. C2.07

To move the SKYANKERS, always attach to the second SKYANKER. Always move the Frame MRK with it.

Alternatively, the SKYANKER can be moved in such a way that the person transporting it only moves within the safe area, at least 2 metres away from the edge.

The rest of the slab formwork assembly process and the attachment sequence on the SKYANKER are carried out in the same way.

## EU-Konformitätserklärung



im Sinne der PSA-Verordnung (EU) 2016/425, Anhang II.

**Hersteller:** PERI SE  
Rudolf-Diesel-Straße 19  
89264 Weißenhorn  
Deutschland

Die Technischen Unterlagen gemäß PSA-Verordnung (EU) 2016/425, Anhang III wurden erstellt. Auf begründetes Verlangen werden die Technischen Unterlagen an die zuständigen staatlichen Stellen übermittelt! Die Übermittlung kann elektronisch oder auf Papier erfolgen. Alle Schutzrechte verbleiben bei o.g. Hersteller.

**Bevollmächtigter für die Zusammenstellung der technischen Unterlagen:** PERI SE, GROUP QUALITY  
Anschrift siehe Hersteller

Hiermit erklären wir, dass die Bauart und die Ausführung

**Anschlageinrichtung Typ B** SKYANKER 21 bzw. SKYANKER 27  
**für das System** SKYDECK & SKYANKER UNIVERSAL  
**mit der Artikel-Nummer** 131032 bzw. 133904

den einschlägigen Harmonisierungsrechtsvorschriften und Normen entspricht:

**Verordnung (EU) 2016/425** Verordnung (EU) 2016/425 des Europäischen Parlaments und des Rates vom 9. März 2016 über persönliche Schutzausrüstungen (PSA), Anhang V (Modul B) nach Artikel 19 (PSA der Kategorie III)

**Angewandte harmonisierte Normen, entsprechend Artikel 14:**

DIN EN ISO 12100:2011 Sicherheit von Maschinen; Allgemeine Gestaltungsleitsätze - Risikobeurteilung und Risikominderung  
DIN EN 795-B:2012 Persönliche Absturzscharschutzausrüstung - Anschlageinrichtungen (Typ B)

Die genannte PSA ist baumustergeprüft nach **DIN EN 795-B:2012** durch die notifizierte Stelle:

DEKRA Testing and Certification GmbH  
Dinnendahlstraße 9  
44809 Bochum  
Deutschland  
CE 0158

Die genannte PSA unterliegt der Bewertung der Konformität mit dem Baumuster auf der Grundlage einer internen Fertigungskontrolle mit überwachten Produktprüfungen gemäß **Modul C2 für PSA der Kategorie III**; überwacht durch die notifizierte Stelle:

DEKRA Testing and Certification GmbH  
Dinnendahlstraße 9  
44809 Bochum  
Deutschland  
CE 0158

Weißenhorn, den 13.02.2024

i.V. Dr.-Ing. Tobias Schmidt  
Head of R&D Formwork

## EU-Declaration of conformity



according with the PPE-Regulation (EU) 2016/425, Annex II.

**Manufacturer:** PERI SE  
Rudolf-Diesel-Straße 19  
89264 Weissenhorn  
Germany

The technical documents according to PPE-Regulation (EU) 2016/425, Annex III have been prepared. Upon justified request, the technical documents will be forwarded to the responsible state authorities. The transmission can be made electronically or on paper. All property rights remain with the above-mentioned manufacturer.

Person established in the Community authorized to compile the relevant technical documentation: PERI SE, GROUP QUALITY  
Address, see manufacturer

We hereby declare that the design and construction of

**Type B anchor device:** SKYANKER 21 resp. SKYANKER 27  
**for the system** SKYDECK & SKYANCHOR UNIVERSAL / SKYANKER UNIVERSAL

**with item number** 131032 resp. 133904

is in conformity with harmonized standards and regulations:

**Regulation (EU) 2016/425** Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 concerning Personal Protective Equipment (PPE), Annex V (Module B) according to article 19 (PPE of Category III)

**Applied harmonized standards, according to article 14:**

DIN EN ISO 12100:2011 Safety of machinery - General principles for design - Risk assessment and risk reduction  
DIN EN 795-B:2012 Personal fall protection equipment - Anchor devices (Type B)

The specified PPE is type-examination tested according to **EN 795-B:2012** by the notified body:

DEKRA Testing and Certification GmbH  
Dinnendahlstraße 9  
44809 Bochum  
Germany  
CE 0158

The specified PPE is subject to the assessment of conformity to type based on internal production control plus supervised product checks according to **Module C2 for PPE of category III**, monitored by the notified body:

DEKRA Testing and Certification GmbH  
Dinnendahlstraße 9  
44809 Bochum  
Deutschland  
CE 0158

Weissenhorn, 2024-02-13

  
i.V. Dr.-Ing. Tobias Schmidt  
Head of R&D Formwork

Test card					
For annual monitoring					
<p>The checklist must be filled in completely by the specialist during the annual inspection.</p> <p>This checklist is not intended to be exhaustive in terms of the inspection criteria and does not relieve the specialist from making a decision on the overall condition.</p> <p>Reference to standard: EN 795-B:2012</p>		<p><b>SKYANKER 21</b></p> <p>Article number 131032</p>			
		Date of manufacture:			
		Serial number:			
		Date of purchase:			
		Date of 1 <sup>st</sup> use:			
		Ready to be discarded at the latest:			
		Manufacturer's address:		PERI SE Rudolf-Diesel-Strasse 19 89264 Weissenhorn Germany	
Year	Reason for inspection / damage found	Date	Signature	Next inspection	
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

<b>Check list</b>										
For annual monitoring										
Year	1	2	3	4	5	6	7	8	9	10
No chemical contamination										
No mechanical damage										
Condition of moving components such as springs, axles, etc.										
No corrosion damage										
No deformations										
Functional inspection – Locking pawls – Locking pins – Rings – Sleeves – Clamping function – Clamping claw										
Anchor point – present – rotatable										
Identification marking – present – legible										
Instructions for Use available incl. test card										
<b>Result of the inspection</b>										
OK										
Prohibited										

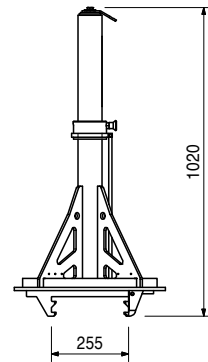
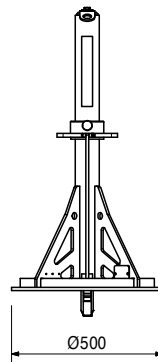
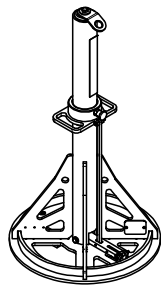
Test card					
For annual monitoring					
<p>The checklist must be filled in completely by the specialist during the annual inspection.</p> <p>This checklist is not intended to be exhaustive in terms of the inspection criteria and does not relieve the specialist from making a decision on the overall condition.</p> <p>Reference to standard: EN 795-B:2012</p>		<b>SKYANKER 27</b>			
		Article number 133904			
		Date of manufacture:			
		Serial number:			
		Date of purchase:			
		Date of 1 <sup>st</sup> use:			
		Ready to be discarded at the latest:			
		Manufacturer's address:		PERI SE Rudolf-Diesel-Strasse 19 89264 Weissenhorn Germany	
Year	Reason for inspection / damage found	Date	Signature	Next inspection	
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

<b>Check list</b>										
For annual monitoring										
Year	1	2	3	4	5	6	7	8	9	10
No chemical contamination										
No mechanical damage										
Condition of moving components such as springs, axles, etc.										
No corrosion damage										
No deformations										
Functional inspection – Locking pawls – Locking pins – Rings – Sleeves – Clamping function – Clamping claw										
Anchor point – present – rotatable										
Identification marking – present – legible										
Instructions for Use available incl. test card										
<b>Result of the inspection</b>										
OK										
Prohibited										

Art no.	Weight [kg]	
131032	17.000	<b>SKYANKER 21</b>

**Notes**

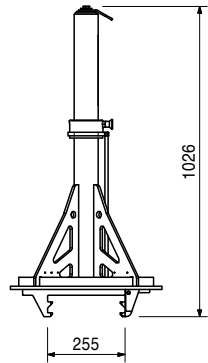
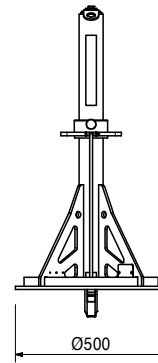
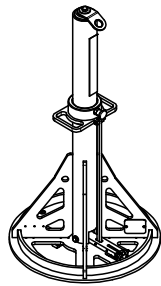
Attaching device according to DIN EN 795 B.  
Follow Instructions for Use!



Art no.	Weight [kg]	
133904	17.000	<b>SKYANKER 27</b>

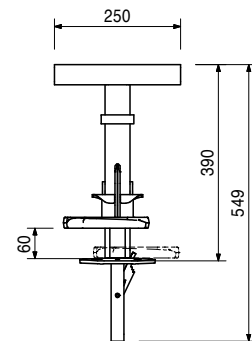
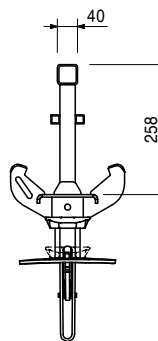
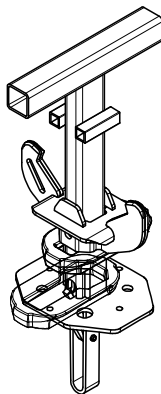
**Notes**

Attachment equipment according to DIN EN 795 B.  
Follow Instructions for Use!



Art no.	Weight [kg]	
061210	6.180	<b>Drophead SFK</b>

With self-locking coupling. Supports main beam as well as cover strip and formlining. Lowering height 6cm. For 21mm plywood formlining.

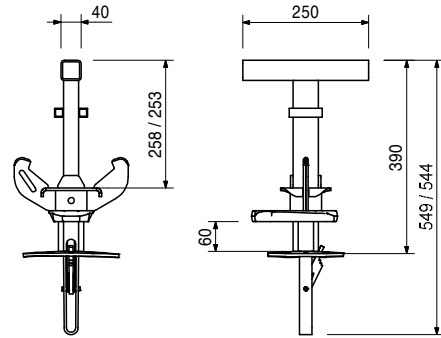
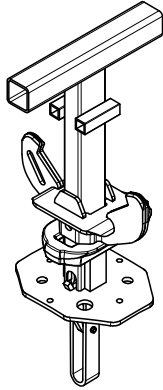




Art no. Weight [kg]

061035 6.210 **Drophead SFK 27**

With quick-release catch. Supports longitudinal girders as well as cover strip or formwork facing. Lowering distance 6cm. For formwork facing 21 or 27mm.

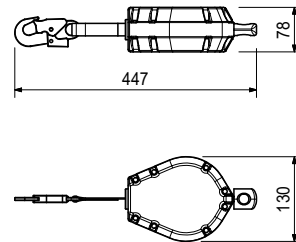


Art no. Weight [kg]

131033 1.500 **Retract. Fall Arrester EN360**

### Notes

Extension length 5.5m.  
Follow Instructions Manual!



Art no. Weight [kg]

131034 0.950 **Fullbody Harness**

### Notes

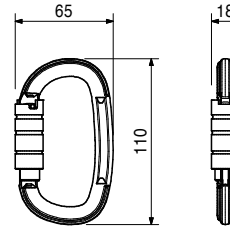
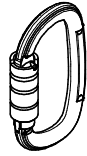
Universal size!  
According to DIN EN 361!  
Follow Instruction Manuel!



Accessory (not included)

131033	1.500	<b>Retract. Fall Arrester EN360</b>
138072	2.300	<b>Retract. Fall Arrester 9m EN360</b>
131680	0.193	<b>Carabiner oval 65x111mm</b>

Art no.	Weight [kg]	
131680	0.193	<b>Carabiner oval 65x110mm</b>

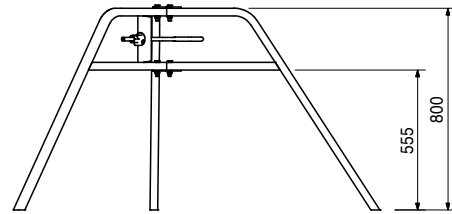
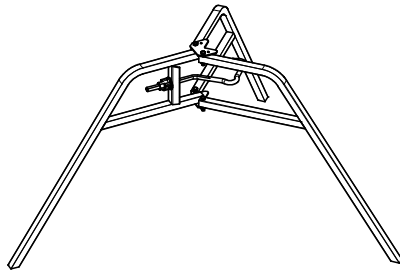


Art no.	Weight [kg]	
028000	9.190	<b>Universal Tripod Ø57-120mm</b>

Erection aid for slab props with Ø57–120mm and 120x120mm.  
 Can also be used in combination with MULTIPROP MP Slab Props and all slab props with Base MP 50.

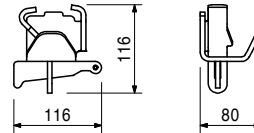
**Notes**

Only use as erection aid!



Art no.	Weight [kg]	
061280	0.778	<b>Panel Wedge Clip SPKK</b>

Fixes panel on main beam.

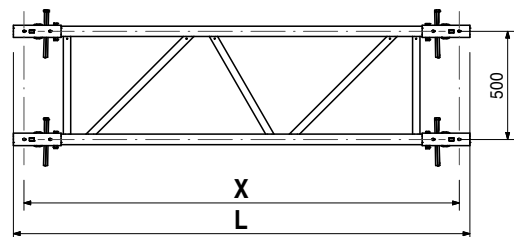
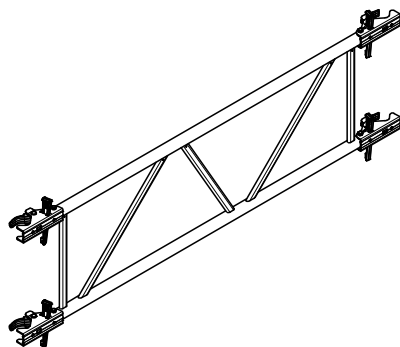


Art no.	Weight [kg]		L [mm]	X [mm]
<b>PEP Frames PRK</b>				
111815	15.400	<b>PEP Frame PRK 201,5</b>	2113	2015
111817	16.300	<b>PEP Frame PRK 230</b>	2398	2300

Stiffening frame for PEP Slab Props. Complete with captive wedge coupling.

**Notes**

L = Loading Length  
 X = Axis Length

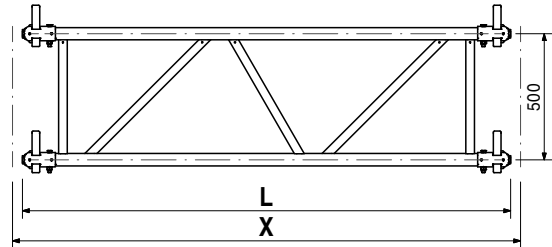
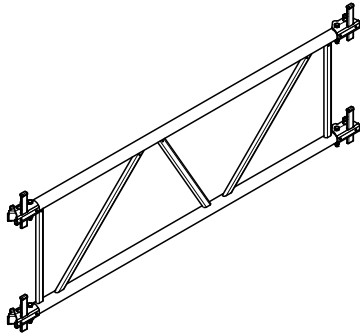


Art no.	Weight [kg]		L [mm]	X [mm]
<b>MULTIPROP Frames MRK AL</b>				
028460	11.600	<b>MULTIPROP Frame MRK 201.5 AL</b>	1935	2015
028470	12.500	<b>MULTIPROP Frame MRK 230 AL</b>	2220	2300

Bracing frame for MULTIPROP.  
 For connecting to outer and inner tube.  
 With captive wedge coupling.

**Notes**

L = Loading Length  
 X = Axis Length





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