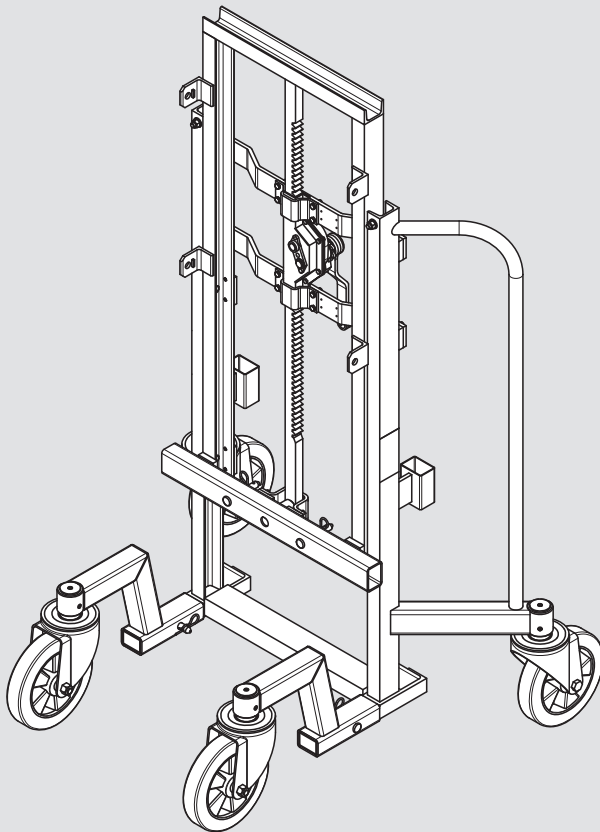


Trolley with Winch

Item no. 019200

Translation of the Original Instructions for Use

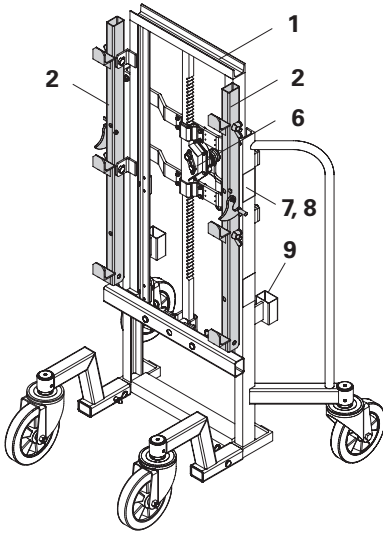


Content

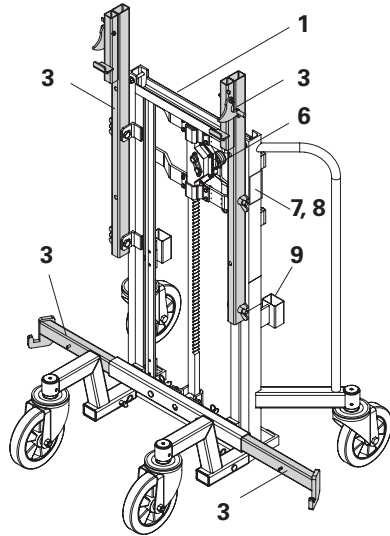
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Introduction

Standard Assembly with Connection MP



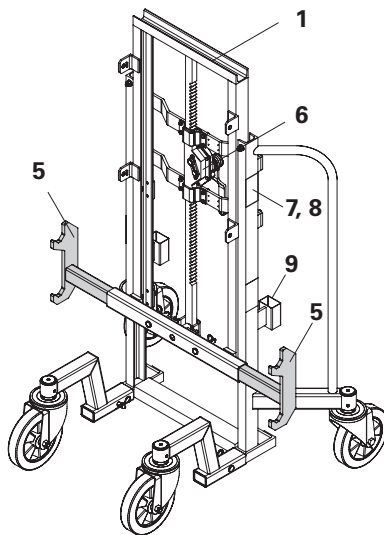
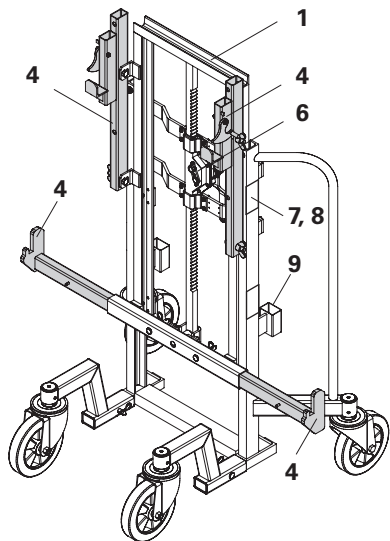
With Connector PERI UP Rosett



- 1 Basic Unit with Lifting Frame
- 2 Connectors MP
- 3 Connectors PERI UP Rosett
- 6 Winch with Crank
- 7 Type Plate
- 8 Inspection Plate
- 9 Holder for Connectors

Introduction

With Connection PD 8 / PD 8 Eco



- 1 Basic Unit with Lifting Frame
- 4 Connectors PERI UP Rosett Plus
- 5 Connectors PD 8
- 6 Winch with Crank
- 7 Type Plate
- 8 Inspection Plate
- 9 Holder for Connectors

Introduction

Intended Use

PERI products have been designed for exclusive use in the industrial and commercial sectors only by suitably trained personnel.

These Instructions for Use contain information for ensuring correct handling and application.

The product described here is used exclusively for horizontally moving PERI system slab tables and shoring towers:

- MULTIPROP,
- PERI UP Rosett,
- PERI UP Rosett Plus,
- PD 8 / PD 8 Eco.

The corresponding connection is used for each respective application.

When moving, the Trolley with Winch is to be used in pairs on the tower / table.

The product described here corresponds to the relevant provisions and regulations of the current EU Directive MRL 2006/42/EC.

These Instructions for Use serve as the basis for the project-related risk assessment as well as instructions for the provision and use of the system by the contractor (user). However, they do not replace them.

The Trolley with Winch is to be used at an ambient temperature of -20 °C to +60 °C.

Instructions for Use

The use in a way not intended or deviating from the intended use according to the Instructions for Use represents a misapplication with a potential safety risk.

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.

Introduction

Technical Data

Trolley with Winch

Permissible load-bearing capacity in centre 1000 kg

Dimensions without Connectors

Width	1.261 m
Length	1.130 m
Min. height	1.540 m
Max. height	2.280 m
Weight	162.0 kg

Total weight with Connectors

MULTIPROP	176.3 kg
PERI UP Rosett	183.5 kg
PERI UP Rosett Plus	183.2 kg
PERI PD 8 / PD 8 Eco	173.0 kg

Introduction

Safety Instructions

General

For the application and inspection of our products, the current safety regulations and guidelines must be observed in the respective countries where they are being used.

When using PERI products, the Instructions for Use as well as the information on the type plate must be observed!

PERI products may not be used with a missing or illegible type plate and/or inspection sticker!

The contractor must ensure that the Instructions for Use are available at all times for the users and that they are fully understood!

Always comply with the safety instructions and permissible loads.

PERI products to be used accordingly so that persons are never put at risk in any way!

Do not use damaged PERI products!
All persons using the PERI products must carry out a check for any visible defects before usage (e.g. deformations, cracks, fractures)!

The contractor must ensure the stability throughout all phases of construction. He must ensure and verify that all occurring loads are safely transferred.

In the event of unfavourable weather conditions, e.g.

- poor visibility (fog),
- strong winds,
- snow

suitable precautions and measures are to be taken in order to ensure both work and operational safety as well as stability.

For a better understanding, detailed illustrations are partly incomplete. The safety installations which have possibly not been featured in these detailed drawings must nevertheless be available.

Key

 Safety Instructions	 Visual Check	 Safety gloves	 Safety goggles
 Tip	 Load-bearing point	 Safety helmet	
 Note	 Risk of crushing	 Safety shoes	

Introduction

Safety Instructions

Product-Specific

Ensure loads are evenly balanced when being picked up! Loads must be sufficiently stable both in their form and position so that the load does not move during transportation!

The Trolley with Winch may be used only by those persons who have been sufficiently trained to use it and have also demonstrated their ability to handle the equipment to the official representative of the operator.

All safety features must be checked before work begins.

With the PERI Trolley with Winch, loads are to be moved only during calm or light wind conditions! Safe moving of the elements must be ensured at all times!

Depending on the wind-exposed surface, load and the wind speed, safety can be affected during transportation! A decision regarding safe use is to be taken on site!

Persons are not permitted to be transported on the Trolley with Winch nor the load itself!

Check the functionality of the winch before every use! Check that the securing pawls function correctly!

Always lift up or set down loads smoothly without any jerking!

Before the moving procedure begins, remove or secure all loose parts!

Before releasing the load from the PERI Trolley with Winch, ensure that the load is in a safe and secure position!

The PERI Trolley with Winch is to be positioned and secured to ensure that it cannot tip over, fall or slide away!

Do not use the PERI Trolley with Winch in potentially explosive conditions!

Always use the PERI Trolley with Winch in pairs! When lifting and lowering, ensure that the load is not tilted!

Use load-securing equipment on the Trolley with Winch in accordance with current regulations!

The load-bearing capacity of 1.0 t for the Trolley with Winch must not be exceeded!

Introduction

Safety Instructions

Apart from the operator, ensure that no other persons are within the range of movement.

The contractor must ensure that no unauthorized person operates the Trolley with Winch.

The contractor must ensure that the required personal protective equipment required for the assembly, modification or dismantling of the Trolley with Winch is available and is used as intended.

Storage and Transportation

Do not drop the Trolley with Winch.

Ensure that the Trolley with Winch is correctly stored and transported so that its position cannot be unintentionally changed.

Use suitable lifting equipment for transporting the Trolley with Winch.

Only remove the lifting equipment if the position of the Trolley with Winch can no longer be unintentionally changed.

When moving the Trolley with Winch, ensure that components are picked up and set down so that unintentional falling over, falling apart, sliding or rolling is avoided.

The Trolley with Winch is to be moved and set down on clean, level and sufficiently load-bearing surfaces only.

PERI products must be protected against the effects of the weather and aggressive substances!

The areas on the jobsite used to move the Trolley with Winch must be free of obstacles, tripping hazards, recesses and offsets as well as being slip-resistant.

For transportation, the surface must have sufficient load-bearing capacity.

Introduction

Test Certificate

Periodic Inspections

The inspections shall be carried out at least once a year (shorter intervals in difficult operating conditions) by a competent person. The inspections are essentially visual and functional tests. The condition of the components regarding damage, wear, corrosion, or other changes is to be assessed.

The inspection will determine, among other things, the completeness and effectiveness of the safety equipment.

As basis for the test certificate within Germany, the BG Regulation for Industrial Trucks D27 (V. Inspection §37 – §39) is to be taken into account.

For inspections outside of Germany, the current safety regulations and guidelines applicable in the respective countries where the tests are carried out must be observed.

The contractor (operator) is required to keep records of the periodic inspections.

The test certificate must include:

1. Date and scope of the inspection with details of any possible sub-tests to be carried out.
2. Result of the inspection with details of identified defects.
3. Assessment, whether there are concerns regarding continued operations.
4. Details on any necessary follow-up inspections.
5. Name and contact details of the inspector.

The contractor has to ensure that the elimination of all defects which were determined during the inspection are recorded in the test certificate.

The contractor shall ensure that the test certificates can be viewed on request.

Introduction

Markings



Warning

The Trolley with Winch is not to be used if the type plate and/or inspection plate are unreadable or missing!

Arrange an inspection to be carried out by an competent person and then attach new type plate and/or inspection plate!

Type Plate

Markings comply with the requirements of the Machine Directive 2006/42/EC. (Fig. 1)

Inspection Plate

It documents the next inspection date. Example PERI inspection plate: September 2016 (Fig. 2)

Load-Bearing Capacity

Perm. load-bearing capacity of the winch: 1000 kg
(Fig. 3)



Danger

Material damage!

- Do not use the Trolley with Winch for releasing loads!
- Slab tables and shoring towers must be spindled free of loads before being picked up!



Fig. 1



Fig. 2

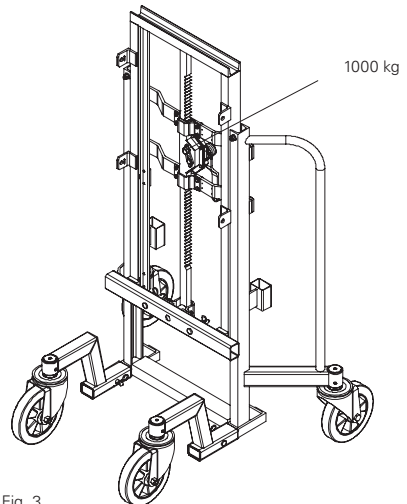


Fig. 3

Introduction

Permissible Weights and Heights

Longitudinal direction requirements:

MULTIPROP ≥ MRK 120

PERI UP Rosett ≥ UH 150

PERI UP Rosett Plus ≥ UBS 150

Table 1

Total weight Tower / Table	Longitudinal direction of travel Table height up to	Transverse direction of travel Table height up to
0 – 300 kg	600 cm	600 cm
301 – 400 kg	700 cm	650 cm
401 – 500 kg	800 cm	700 cm
501 – 600 kg	800 cm	700 cm
601 – 800 kg	800 cm	650 cm
801 – 1000 kg	750 cm	600 cm
1001 – 1200 kg	700 cm	550 cm
1201 – 1400 kg	650 cm	550 cm
1401 – 1600 kg	650 cm	500 cm
1601 – 2000 kg	600 cm	500 cm

Longitudinal direction requirements:

PD 8 / PD 8 Eco Diagonal Brace ≥ DK 150

Table 2

Weight of table	Longitudinal direction of travel Table height up to	Transverse direction of travel Table height up to
0 – 300 kg	300 cm	250 cm
301 – 400 kg	400 cm	300 cm
401 – 500 kg	500 cm	350 cm
501 – 600 kg	600 cm	400 cm
601 – 2000 kg	670 cm	500 cm

Introduction

Permissible Weights and Heights

MULTIPROP

Permissible MRK Frames for tables and towers

Table 3

Aluminium frame	Perm. lifting capacity [kg]
MRK 296	350
MRK 266 – 225	440
MRK 201.5	560

Steel frame	Perm. lifting capacity [kg]
MRK 150	880
MRK 137.5	920
MRK 120	1000



Warning

Do not exceed the perm. load-bearing capacity (1.0 t)!

Calculation example:

The slab table is picked up by the Trolley with Winch on the MRK Frame 150 and moved.

Slab table: approx. 15 m²
 MULTIPROP Tower 6.0 m: 8 x MP 350
 6 x MRK 296
 6 x MRK 150

Table weight:	15 m ² x 40 kg/m ²	= 600.0 kg
Tower weight:	8 x 19.5 kg (MP 350)	= 156.0 kg
	6 x 16.3 kg (MRK 150)	= 98.0 kg
	6 x 14.9 kg (MRK 296)	= 89.0 kg
Total weight		= 471.5 kg / side

Result:

from Table 1: table weight 800 – 1000 kg – longitudinal direction of travel:
 table height up to 750 cm
 horizontal direction of travel: table height up to 600 cm
 from Table 3: perm. lifting capacity of MRK 150 = 880 kg > 471.5 kg

Part A Applications

A1 MULTIPROP

A1.1 Connector MP (galv., blue zinc-plated)



Assemble Connectors (2.1, 2.2) so that the safety pawls (2.3) face outwards in each case.

(Fig. A1.01)

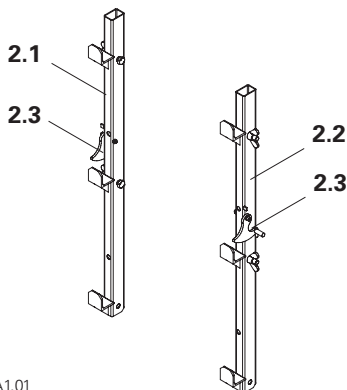


Fig. A1.01

A1.2 Assembly

Depending on the connection height, the connectors can be mounted at two positions.

Position I: assembly using holes b + c

Connecting height: min. 0.40 m, max. 1.60 m.

Position II: assembly using holes a + b

Connecting height: min. 0.90 m, max. 2.10 m.

(Fig. A1.02)

1. Turn Connectors (2.1 + 2.2) so that the holding pockets (2.4) are pointing upwards and in the direction of moving.
 2. Attach to the corresponding holes by means of the winged screws (2.5).
 3. Pre-adjust connection height with the winch (6).
- (Fig. A1.02)

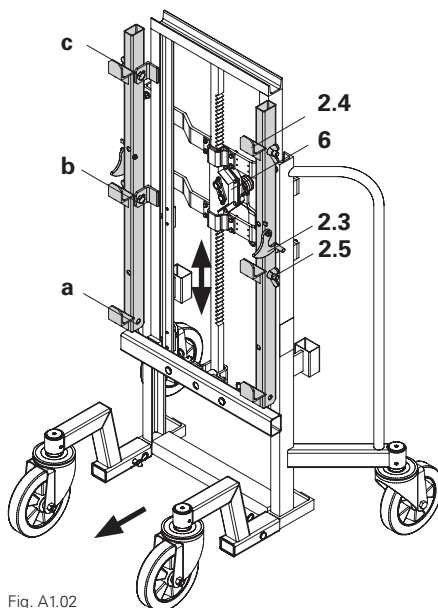


Fig. A1.02

Part A Applications

A1 MULTIPROP

A1.3 Lifting of Tables and Towers



If the max. connection height of 2.10 m of the Trolley with Winch has been exceeded, the support spindles must be screwed back until the frame is securely positioned in the Connector MP! (Fig. A1.03)

Alternatively, two additional frames can be mounted at the most suitable height. (Fig. A1.04)

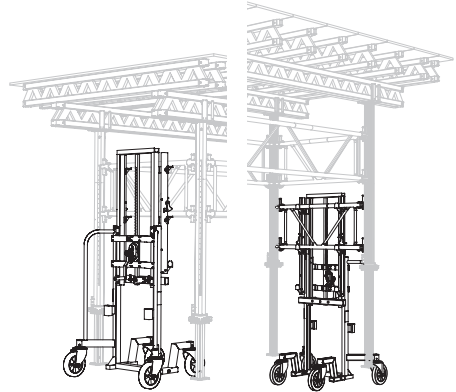


Fig. A1.03

Fig. A1.04

A1.4 Starting Operations

1. Push the Trolley with Winch under the bottom MULTIPROP frame making sure it is positioned centrally.
2. Adjust the connection height with the winch so that the frame is always supported by 4 holding pockets (2.4). (Pockets a + b or b + c)
3. Raise the load by turning the hand crank (6.1) in a clockwise direction. The safety pawls (2.3) are automatically pushed upwards at the rear, fall in a forward direction and thus secure the frame against lifting. (Fig. A1.05)



Visual check of the safety pawls.

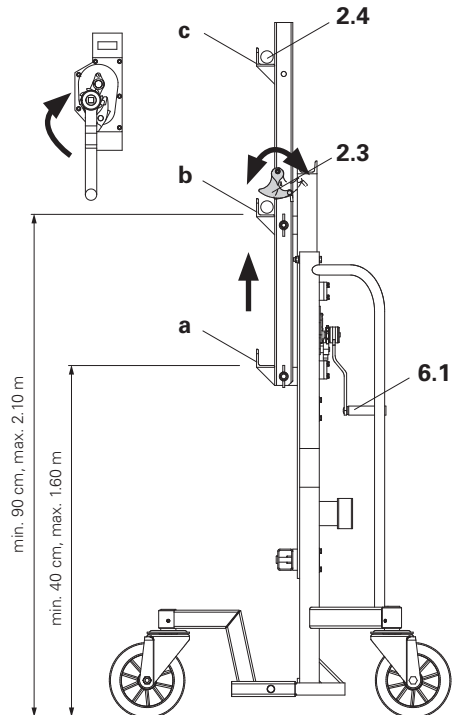


Fig. A1.05

Part A Applications

A2 PERI UP Rosett

A2.1 Connector Rosett

(RAL 9016, traffic white)

For a tower width of 1.50 m.

(Fig. A2.01)



Assemble Connectors Rosett (3.1, 3.2) so that the safety pawls (3.3) face outwards in each case. (Fig. A2.02)

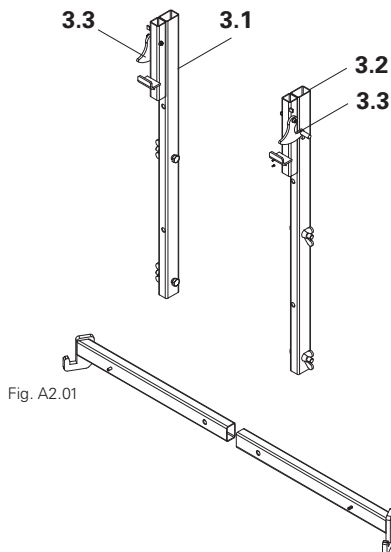


Fig. A2.01

A2.2 Assembly of Connector Rosett

1. Turn Connectors Rosett (3.1 + 3.2) so that the holding pockets (3.4) are pointing upwards and in the direction of moving.
2. Attach to the corresponding holes by means of the winged screws (3.5).
3. Pre-adjust connection height with the winch (6). (Fig. A2.02)

A2.3 Assembly of Telescopic Tube Rosett

Attach Telescopic Tube Rosett on the right and left using pins and cotter pins (3.6). The support hooks (3.7) of the telescopic tubes are pointing in the direction of moving.

(Fig. A2.02)

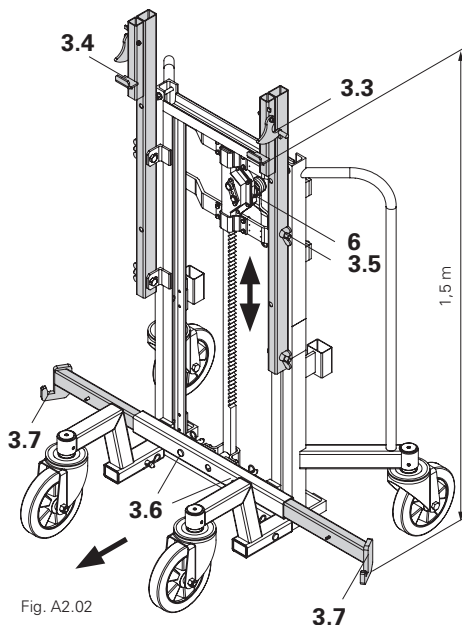


Fig. A2.02

Part A Applications

A2 PERI UP Rosett

A2.4 Lifting of Tables and Towers

A2.5 Starting Operations

1. Push the Trolley with Winch and the Telescopic Tubes Rosett centrally under the Rosetts (3.8).
2. Adjust the height by means of the winch (6) so that the rosetts are connected to the support hooks (3.7) and the Ledger with the holding pockets (3.4).
- (Fig. A2.05)
3. Raise the load by turning the hand crank (6.1) in a clockwise direction. The safety pawls (3.3) are automatically pushed upwards at the rear, fall in a forward direction and thus secure the Ledger against lifting. (Fig. A2.03)

A2.6 PERI UP Rosett Spindle Extension: Min. 8 cm. (Fig. A2.03)



Visual check of the safety pawls.



Mount the Diagonal (D) in the connector area of the Trolley with Winch on the inside of the tower. (Fig. A2.04)

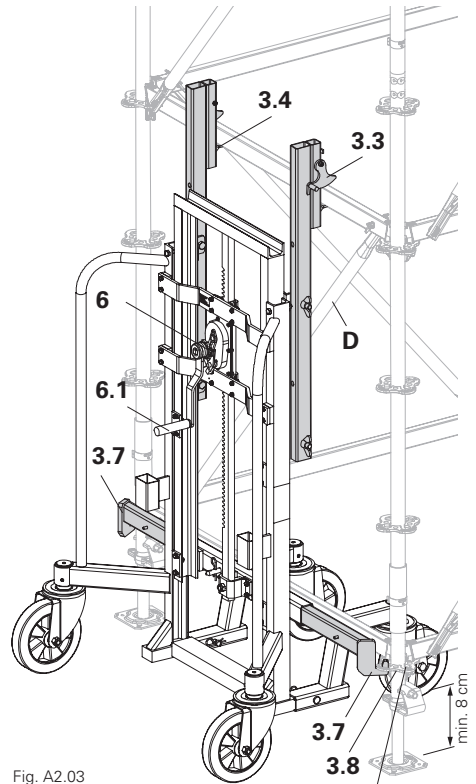


Fig. A2.03

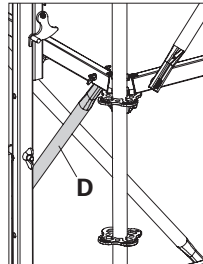


Fig. A2.04

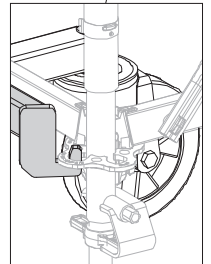


Fig. A2.05

Part A Applications

A3 PERI UP Rosett Plus

A3.1 Connector Rosett Plus

(RAL 2002, vermillion)

For a tower width of 1.50 m.

(Fig. A3.01)



Assemble Connector Rosett Plus (4.1, 4.2) so that the safety pawls (4.3) face outwards in each case.

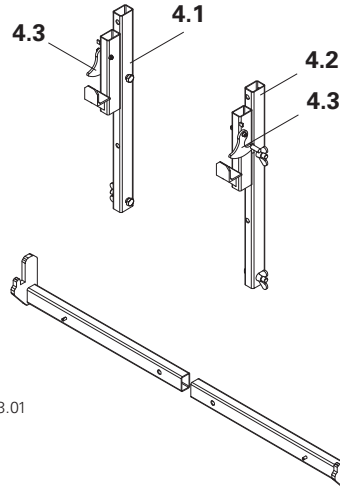


Fig. A3.01

A3.2 Assembly of Connector Rosett Plus

1. Turn Connector Rosett Plus (4.1 + 4.2) so that the holding pockets (4.4) are pointing upwards and in the direction of moving.
 2. Attach to the corresponding holes by means of the winged screws (4.5).
 3. Pre-adjust connection height with the winch (6).
- (Fig. A3.02)

A3.3 Assembly of the Telescopic Tube Rosett Plus

Attach Telescopic Tube Rosett Plus on the right and left using pins and cotter pins (4.6).

The supports (4.7) of the telescopic tube are pointing in the direction of moving.

(Fig. A3.02)

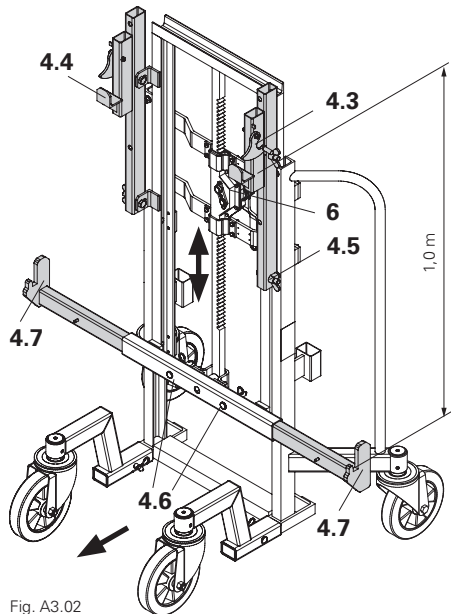


Fig. A3.02

Part A Applications

A3 PERI UP Rosett Plus

A3.4 Lifting of Tables and Towers

A3.5 Starting Operations

1. Push the Trolley with Winch and the Telescopic Tubes Rosett Plus centrally under the rosetts (4.8).
2. Adjust the height by means of the winch (6) so that the rosetts are connected to the support hooks (3.7) and the ledger with the holding pockets (3.4). (Fig. A3.03)
3. Raise the load by turning the hand crank (6.1) in a clockwise direction. The safety pawls (4.3) are automatically pushed upwards at the rear, fall in a forward direction and thus secure the Ledger against lifting. (Fig. A3.04)



Visual check of the safety pawls.

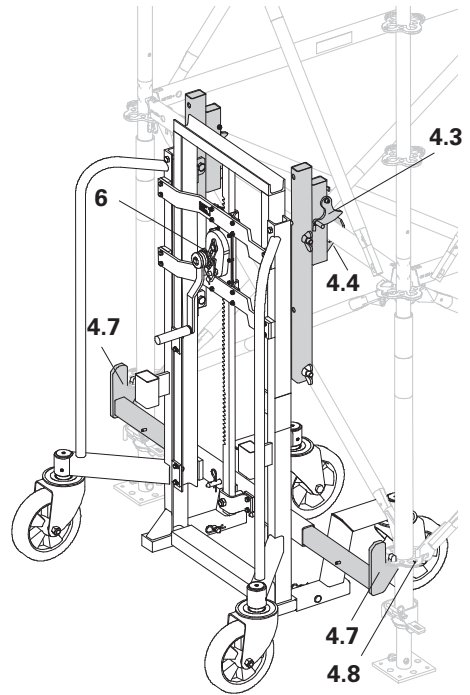


Fig. A3.03

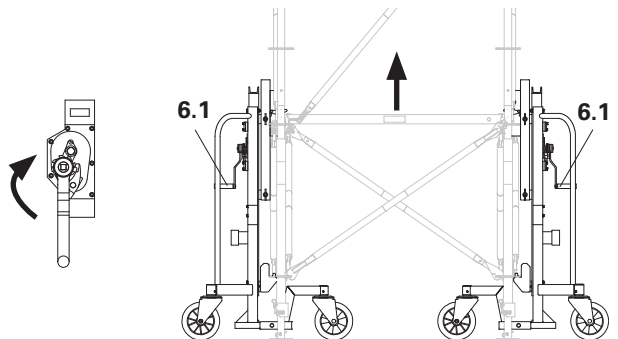


Fig. A3.04

Part A Applications

A4 PD 8 / PD 8 Eco

A4.1 Connector PD 8 / PD 8 Eco (RAL 1028, melon yellow)

(Fig. A4.01)

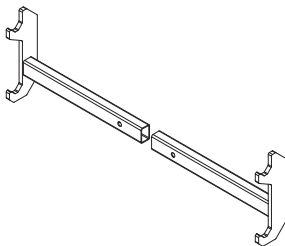


Fig. A4.01



Depending on the spindle extension, the frame of the PD 8 / PD 8 Eco can be accommodated in the bottom or top support (5.2).

(Fig. A4.02)



A4.2 Assembly of the Telescopic Tube PD 8 / PD 8 Eco

1. Attach Telescopic Tube PD 8 / PD 8 Eco on the right and left with pins and cotter pins (5.1). The Connections (5.2) are pointing in the direction of moving.
 2. Pre-adjust connection height with the winch (6).
- (Fig. A4.02)

A4.3 PD 8 / PD 8 Eco Spindle Extension for the top supports: min. 30 cm

(PD 8 / PD 8 Eco Frame Tube min. 37 cm above the ground surface, see Fig. A4.04)

for the bottom supports: min. 4 cm

(PD 8 / PD 8 Eco Frame Tube min. 13 cm above the ground surface, see Fig. A4.05)

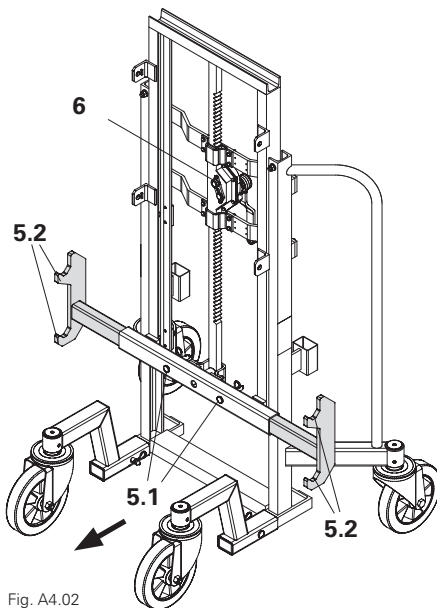


Fig. A4.02

Part A Applications

A4 PD 8 / PD 8 Eco

A4.4 Moving of Slab Tables and Shoring Towers

With a spindle extension < 30 cm, the front castors must be temporarily removed.

A4.5 Preparation

1. Place the Trolley with Winch (1) in an inclined position to the PD 8 / PD 8 Eco.
2. Remove castor (1.1) and put to one side. It is possible that the Telescopic Tube PD 8 also has to be removed.
3. Push the Trolley with Winch in an inclined position under the PD 8 / PD 8 Eco. (Fig. A4.03)
4. Insert castor and secure with pin and cotter pin.
5. Remove second castor and position the Trolley with Winch parallel to and centrally under the PD 8 / PD 8 Eco.
6. Insert castor and secure with pin and cotter pin.
7. Insert telescopic tube. The lifting equipment is lowered.

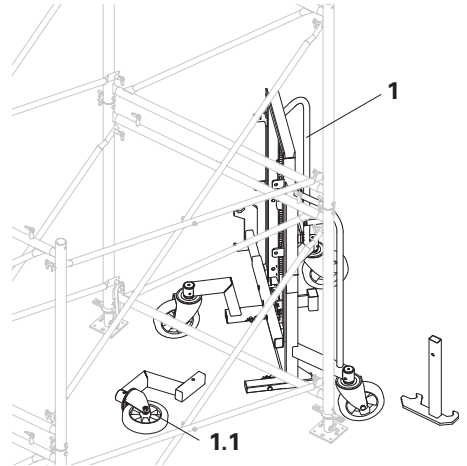


Fig. A4.03

A4.6 Accommodating the Load

Raise the load by turning the hand crank (6.1) in a clockwise direction, place the PD 8 / PD 8 Eco in the top or bottom supports (5.2) and move. (Fig. A4.04 + A4.05)



Check the frame support.

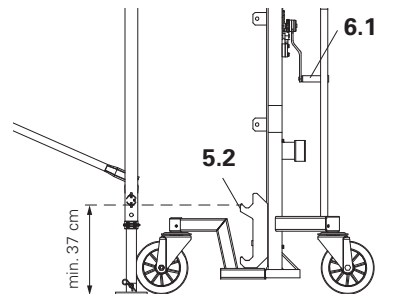


Fig. A4.04

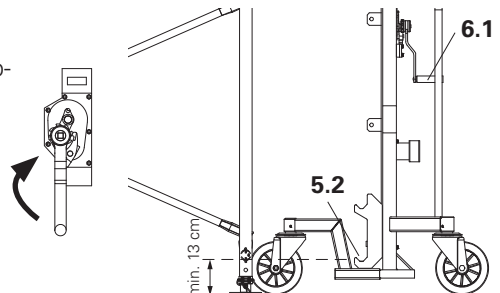


Fig. A4.05

Part B Transportation and Storage

B1 Transportation

B1.1 Securing for Transportation



Warning

- When moving with the crane, do not exceed the load-bearing capacity of the lifting gear or hoisting equipment!
- Ensure that the lifting equipment is correctly positioned and connected!
- Never stand under suspended loads!
- Do not attach the lifting equipment to the Lifting Frame (1)!



The most suitable lifting equipment is a textile strap with sufficient load-bearing capacity (>1.0 t).

1. Completely lower the Lifting Frame (1) of the basic unit.
2. Lifting equipment is attached only to the pushing handles (1.2) of the basic unit.
3. Secure Winch with Trolley against rolling away.
4. Secure Trolley with Winch additionally with tension straps.
(Fig. B1.01)

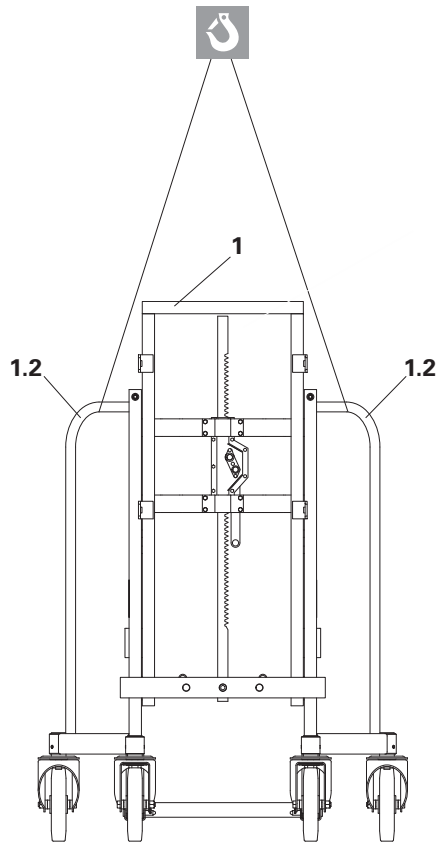


Fig. B1.01

Part B Transportation and Storage

B2 Storage

B2.1 Short-Term Storage



Warning

Do not park the Trolley with Winch on a slope!

1. Completely lower the Lifting Frame (1.1).
2. Secure against rolling away.
3. Clean the guides of the Trolley with Winch and protect against corrosion.
4. Clean the toothed rack of the winch and grease.
5. The Trolley with Winch requires a dry and well-ventilated storage location.

B2.2 Commissioning after a Long Storage Period

After being in storage for longer than six months, the Trolley with Winch must be carefully checked before being returned to service.

The inspection should include all safety-relevant points:

- carefully clean the Trolley with Winch,
- carry out maintenance as before the first commissioning, (Section C1.2),
- check the Trolley with Winch for any signs of damage.

The following must be checked:

- wheels,
- Connectors for the Lifting Device,
- positioning and securing bolts are available, undamaged and correctly positioned,
- functionality of the Winch.

Part C Operations

C1 Commissioning



Important

A damaged Trolley with Winch must be taken out of service!

C1.1 Measures before Commissioning

Before commissioning the Trolley with Winch, the operator has to be sure that the equipment is in a safe operational condition:

1. Free movement of the Lifting Frame (1). Lifting Frame can be extended and retracted to maximum and minimum lengths.
2. Check toothed rack (6.2) for signs of wear or damage.
3. Clean the toothed rack (6.2) and grease.
4. Check the free movement of the Winch (6). Winch must not slip on the toothed track or be sluggish when used.
5. The locking pawl (6.3) on the winch (6) must be checked for functionality. The locking pawl must close automatically. (Fig. C1.02)
5. All bolts (1.3) and cotter pins (1.4) are properly attached.
6. All wheels (1.1) must be smooth running and show no signs of damage.
7. All components must be correctly mounted.
8. Only original PERI components may be used.

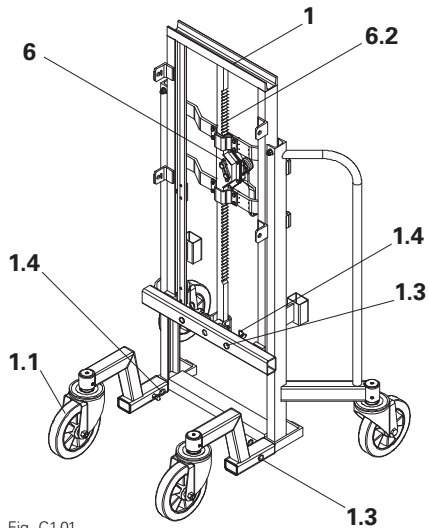


Fig. C1.01

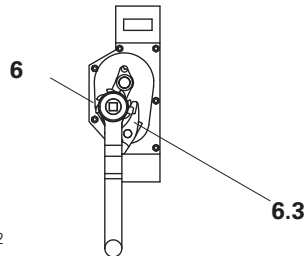


Fig. C1.02

Part C Operations

C2 Transport of Load



Warning

- **Slab tables / shoring towers must be symmetrical to the longitudinal axis and in a perpendicular position!**
- **Move the Trolley with Winch only on flat and sufficiently load-bearing surfaces!**
- **All obstacles must be removed!**
- **Towers / tables are only to be sufficiently lifted as required, so that they can still be moved!**
- **Lifting and lowering is to take place at a slow speed! Manual operations!**
- **Move slowly and without the help of any power-operated pulling means!**



The load can be held in any position on the Winch (6) by means of a load pressure brake.

The safe and reliable functioning of the load pressure brake is system-dependent (safety crank) guaranteed only with loads of approx. 5% - 10% of the nominal load.

C2.1 Moving

Symmetrically assembled towers / tables can be safely moved with two Trolleys with Winches up to the specified sizes in the design tables.

Requirements:

- no wind load,
- max. moving speed of 1 km/h (corresponds to an equivalent load of 5% of the table's weight acting on the upper edge, but with a minimum of 0.3 kN).

If towers / tables have other dimensions or are moved under other conditions, these are to be secured using appropriate means.

Through uniform and smooth winch operations, the load from the tower / table is easily lifted and moved.(Fig. C2.01)

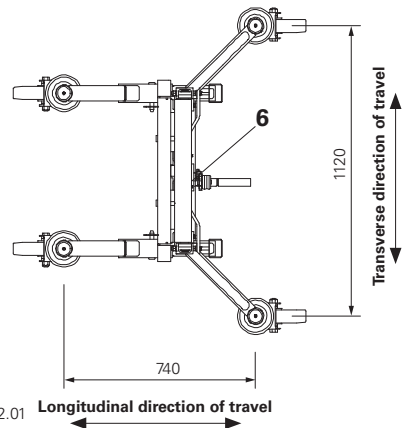


Fig. C2.01

Part C Operations

C3 Winch



Warning

- The winch is only suitable for manual operations!
- Check the functionality of the winch and brake before every use. Lubricate toothed rack when necessary.
- Repairs are to be carried out only by qualified personnel!
- Protect brake discs against grease and moisture!

C3.1 Functionality of the Winch

The Winch (6) as well as the Trolley with Winch (1) is a unit for the lifting and lowering of loads which is operated through the use of muscle power. The load can be securely held at any position through the integrated brake. (Fig. C3.01)

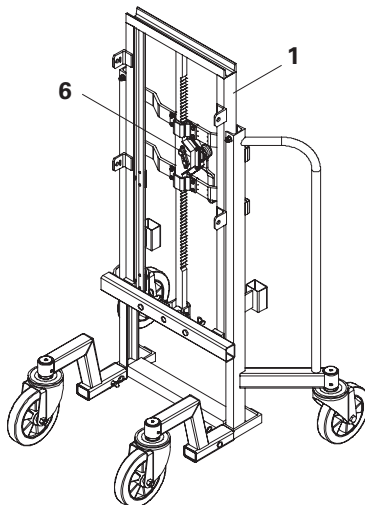


Fig. C3.01

Part C Operations

C4 Disassembling the Trolley with Winch



Important

When lowering the load, ensure that the securing pawls (2.3 / 3.3 / 4.3) are in an open position!



C4 Lowering

1. Turn securing pawls (2.3 / 3.3 / 4.3) upwards in a forward direction (stop position).
2. Lower the load by turning the hand crank (6.1) counterclockwise.
3. Lower the load slowly and smoothly. Check the vertical position and adjust if necessary.
4. Continue to lower the Trolley with Winch until the supports are free.
5. Pull out the Trolley with Winch.
(Fig. C4.01)



If required, remove castors (1.1) on the PD 8 towers / tables. (Section A4)

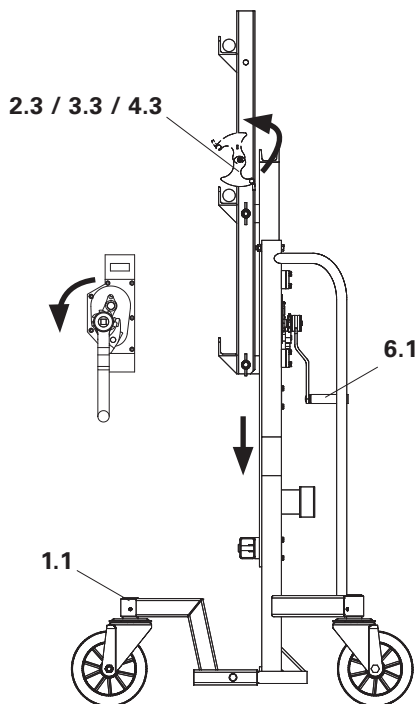


Fig. C4.01

Part D Maintenance and Repairs

D1 Mechanics



Important

- **The Trolley with Winch must be secured against rolling away!**
- **Risk of crushing! Personal protective equipment must be worn when maintenance and repair work is being carried out!**
- **All maintenance and repair work must be carried out either by PERI personnel or other competent persons only!**



Maintenance and repair work is to be carried out on request but takes place at least once a year.

D1.1 General

Only original PERI components may be used.

The Trolley with Winch is low-maintenance. The guides of the base frame and the lifting frame as well as the toothed rack of the winch are greased as required.

D1.2 Maintenance and repair work must include the following:

- Corroded areas are to be repaired using appropriate measures whilst welding seams undergo a visual inspection.
- Missing, worn or damaged cotter pins, securing bolts or connectors are to be replaced.
- Check the securing pawls and winch for functionality, wear and damage.

D1.3 Welding

Welding work is to be only carried out by PERI personnel or specialist companies with the corresponding country-specific suitability certification (e.g. according to EN ISO 3834-3 and EN 1090-2).

D1.4 Wear and Damage

With a reduction in the cross-sectional dimensions by 5%, the respective components must be replaced.

D1.5 Deformations

The Trolley with Winch may no longer be used if the deformation deviates more than 10 % from the nominal value.

Part D Maintenance and Repairs

D2 Cleaning

D2.1 General



Important

Cleaning operations must not be carried out with flammable liquids!



When cleaning with cleaning agents or a high-pressure cleaner, personal protective equipment is to be worn.

D2.2 Cleaning Instructions:

- Always park and secure the Trolley with Winch according to the guidelines.
- Repeatedly move the Lifting Frame of the base frame up and down, and clean guides. Then grease again.
- Clean the toothed rack of the winch. Then grease again.

D2.3 External Cleaning:

- clean the outer surfaces of the Trolley with Winch using water-soluble cleaning agents and water (sponge, cloth).
- The guides and surrounding area are to be thoroughly cleaned.

D2.4 Cleaning the Toothed Rack



Important

The toothed rack is a safety element. Using cold cleaners or caustic or acidic and chloric liquids may damage the components!

D2.5 Cleaning procedure:

- Clean with paraffin derivatives such as benzene (follow manufacturer's safety data sheet!)
- When using high-pressure cleaners, clean without additives.

D2.6 After washing:

- After cleaning immediately remove any water on the toothed racks. Extend and retract toothed racks several times.
- When greasing the toothed racks also extend and retract them several times.

Part D Maintenance and Repairs

D3 Remedial Measure for a Malfunction

D3.1 Possible Malfunctions

Malfunction	Cause	Elimination
Cranking the winch in an unloaded state is difficult.	Lubrication in bearing points and tothing is missing. Winch is subject to unnecessary stress.	Carry out maintenance work. Check fixings and eliminate tension.
Load cannot be held.	Brakes are worn or defective. Load is too low.	Replace winch. Increase load.
Brakes do not open, load can only be lowered with great effort.	Brake discs and braking mechanism are tight.	Carry out maintenance work.

Part E Disposal

E1 Procedure

E1.1 General

If the Trolley with Winch is no longer up to an operational standard and should be scrapped, it must be deactivated or dismantled. This means that the Trolley with Winch must be brought into a state whereby it can no longer be used for the purpose for which it was originally designed to undertake.

During the scrapping process, it must be ensured that recovery of the raw materials of the machine takes priority. These materials could possibly be re-used in a recycling process.

PERI takes no responsibility for any possible damage to persons or property which has been caused by the re-use of machine parts of the Trolley with Winch.

Disposal of the machine parts must be carried out according to local regulations.

E1.2 Procedure

All deactivation or disposal operations must be carried out by suitably trained personnel.

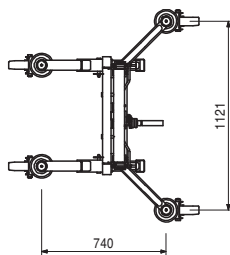
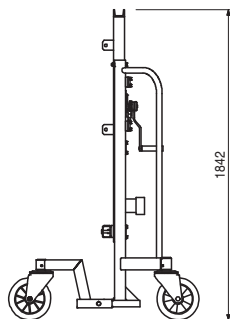
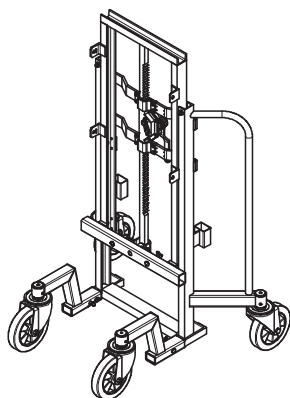
1. Secure Winch with Trolley against rolling away.
2. Secure all movable machine parts to prevent any falling off, tipping over or accidental lowering.
3. Remove steel components, rubber and plastic parts from the machine and bring to the respective collection point.



During disposal operations, personal protective equipment must be worn.

Components

Item no.	Weight kg		
019200	162.000	Trolley with Winch	Note
		For moving towers and tables with MULTIPROP, Rosett, Rosett Plus and PD 8 / PD 8 Eco.	Follow Instructions for Use.
			Important
			Permissible load-bearing capacity 1.0 t.



Accessories

118114	14.300	Connector MP – Trolley
118605	21.500	Connector Rosett – Trolley
117954	21.200	Connector Rosett Plus – Trolley
118115	11.000	Connector PD 8 – Trolley

Components

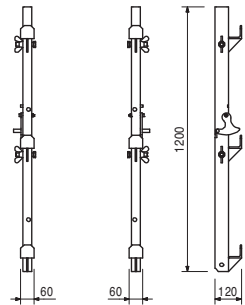
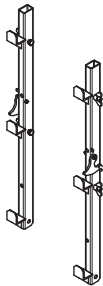
Item no.	Weight kg
118114	14.300

Connector MP –Trolley

For moving MULTIPROP towers using the Trolley with Winch.

Note

Consists of:
Connector on the left and right (2 parts).



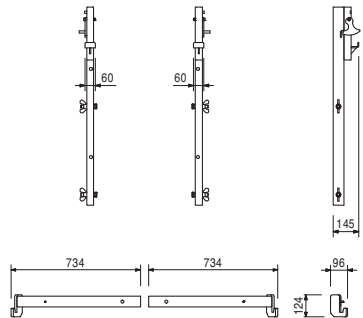
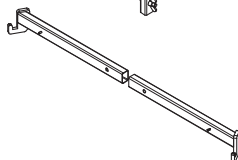
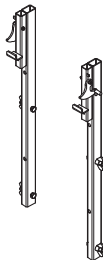
118605	21.500
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Connector Rosett –Trolley

For moving Rosett towers using the Trolley with Winch.

Note

Consists of:
Connector on the left and right (4 parts).



Components

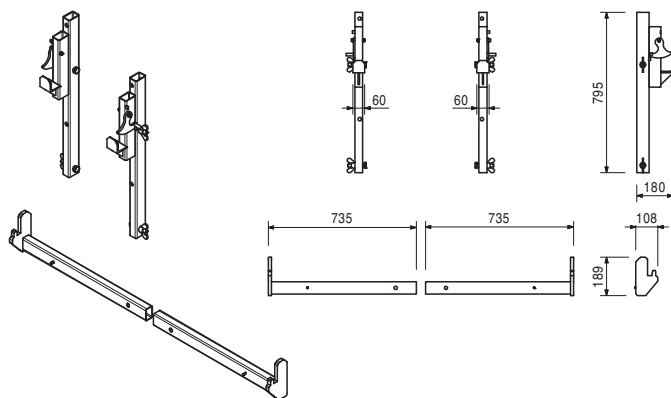
Item no.	Weight kg
117954	21.200

Connector Rosett Plus – Trolley

For moving Rosett Plus towers using the Trolley with Winch.

Note

Consists of:
Connector on the left and right (4 parts).



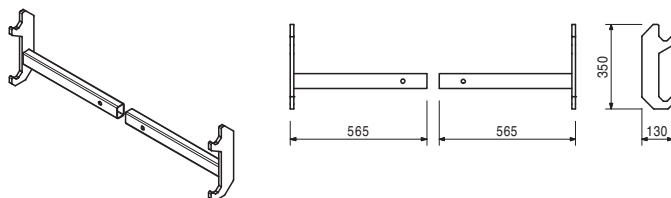
118115	11.000
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Connector PD 8 – Trolley

For moving PD 8 / PD 8 Eco tables using the Trolley with Winch.

Note

Consists of:
Connector on the left and right (2 parts).



EC Declaration of Conformity

EG - Konformitätserklärung

im Sinne der EG-Richtlinie 2006/42/EG

Anhang II, 1.A

In der Gemeinschaft ansässige Person, die bevollmächtigt ist, die technischen Unterlagen zusammenzustellen:

Dipl.-Ing. Rainer Bolz
PERI GmbH
Rudolf-Diesel-Straße 19
89259 Weißenhorn

Beschreibung und Identifizierung der Maschine:

Produktgruppe: Traggerüst
Typ: Mitgeh-Hochhubwagen
Artikel-Nr.: 019200
Handels-Bez.: Hub- und Fahrgerät

Es wird ausdrücklich erklärt, dass die Maschine allen einschlägigen Bestimmungen der folgenden EG-Richtlinien entspricht:

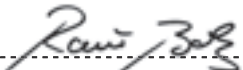
EG Maschinenrichtlinie 2006/42/EG

Fundstelle der angewandten harmonisierten Normen entsprechend Artikel 7, Absatz 2:

EN 349:1993+A1:2008
EN 12100 : 2011-03

Weißenhorn, 12.08.2014

Hersteller
PERI GmbH
Postfach 1264
89259 Weißenhorn



Leitung Produktentwicklung

Dipl.-Ing. Rainer Bolz
PERI GmbH

EC Declaration of Conformity

This document is a translation into English from the German original.

EC - declaration of conformity according to the **EC Machinery Directive 2006/42/EC** **Annex II, 1.A**

Person residing within the Community authorised to compile the relevant technical documentation:

Dipl.-Ing. Rainer Bolz
PERI GmbH
Rudolf-Diesel-Strasse 19
89259 Weissenhorn

Description and identification of the machinery:

Product Group: Falsework
Typ: Highlifter
Article-No.: 019200
Commercial Designation: Lifting Trolley

It is expressly declared that the machinery fulfils all relevant provisions of the following EU Directives:

European Directive On Machinery 2006/42/EC

Reference to the harmonised standards used, as referred to in Article 7, Annex 2:

EN 349:1993+A1:2008
EN 12100 : 2011-03

Weissenhorn, 12.08.2014

Manufacturer
PERI GmbH
PO. Box 1264
89259 Weissenhorn / Germany

The optimal System for every Project and every Requirement



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Construction Scaffold



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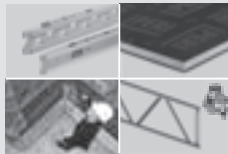
Industrial Scaffold



Access



Protection Scaffold



System-Independent Accessories



Services



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