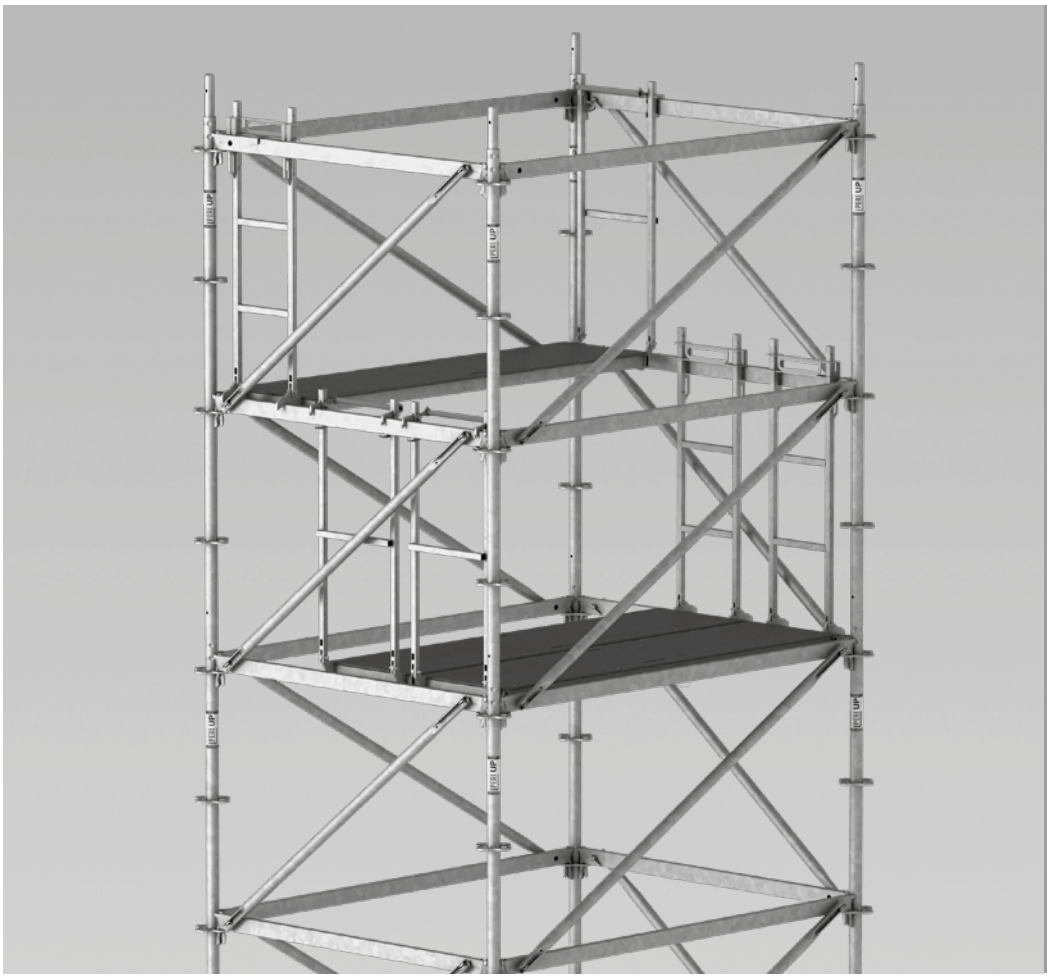
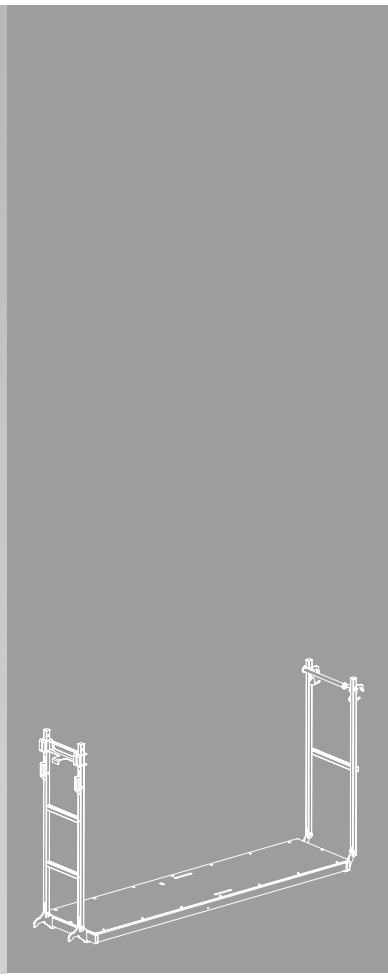
# PERI UP Flex

## Assembly Decks 150, 200, 250

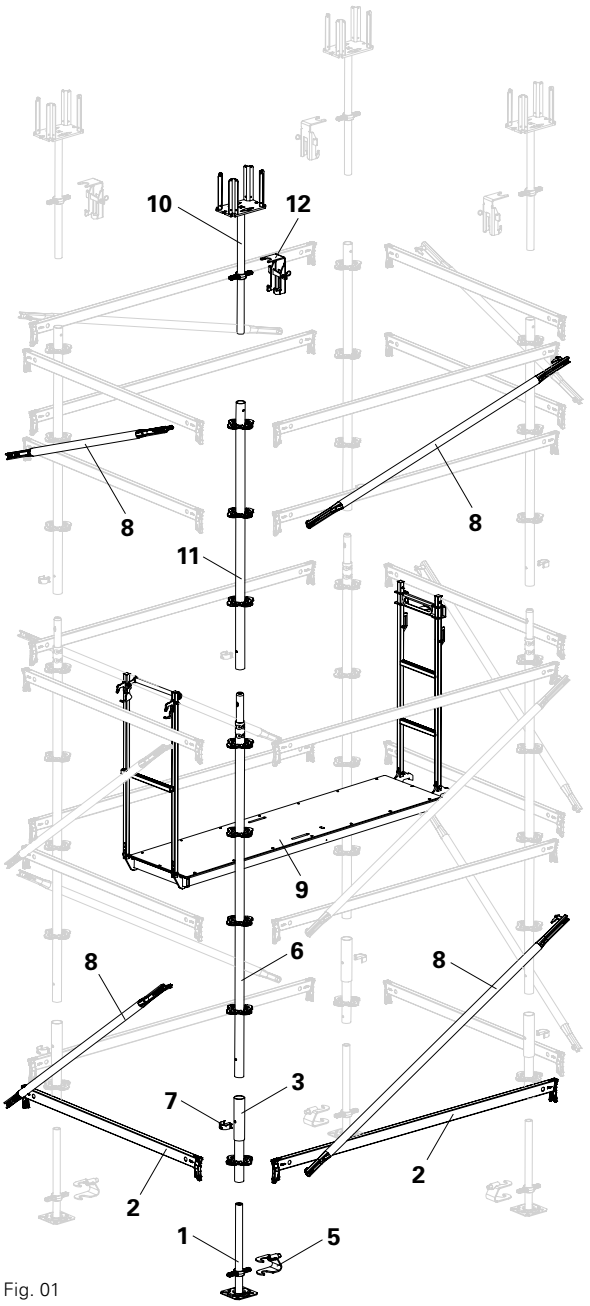
Instructions for Assembly and Use – Standard Configuration – Issue 03/2018





# Content

## Main components




Final level

Additional level(s)

Second level

First level

Base unit

Fig. 01

1 Adj. Base Plate UJB 38-50/30
2 Ledger UH Plus
3 Base Standard UVB 24
4 H-Brace UBH Flex – Assembly aid (not shown)
5 Spindle Locking UJS – as required
6 Standard UVR
7 Locking Pin D48/D57
8 Ledger Brace UBL
9 Assembly Deck PERI UP Flex
10 Cross Forkhead TR 38-70/50
11 Top Standard UVH
12 Head Spindle Locking UJH – as required

# Overview

## Key

**Pictogram | Definition**

 Danger / Warning / Caution

 Information

 To be complied with

 Load-bearing point

 Visual check

 Tip

 Misapplication

**Arrows**

→ Arrow representing an action

⇨ Arrow representing a reaction of an action*

→ 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 are featured at the beginning of the section or ahead of the instructions, and are highlighted as follows:

 **Danger**
This sign indicates an extremely hazardous situation which, if not avoided, will result in death or serious injury.

 **Warning**
This sign indicates a hazardous situation which, if not avoided, could result in death or serious injury.

 **Caution**
This sign indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

 **Information**
This sign indicates warning of situations whereby failure to observe the information can result in material damage.

**Set-up of the safety instructions**

 **Signal word**
Type and source of the danger!
Consequences of non-compliance.
⇒ Avoidance measures.

**Dimension specifications**
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**.

**Terminology**
For better readability and comprehensibility, the term “assembly deck” is referred to as “deck/decking” in the instructions.

**Presentational reference**
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 accordingly for all component sizes contained in the standard configuration.

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

## Target groups

**Contractors**
These Instructions for Assembly and Use are designed for contractors who use the scaffolding either for
- assembling, modifying and dismantling, or use
- it, e.g. for concreting, or
- who have it used, e.g. for forming operations.

**Competent person**
(Construction Site Coordinator)
The 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 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 qualified to carry out inspections**
Due to the specialist knowledge gained from professional training, work experience and recent professional activity, the competent person qualified to carry out inspections has a reliable understanding of safety-related issues and can correctly carry out inspections. Depending on the complexity of the test 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 persons**
The scaffolding may only be assembled, modified or dismantled by personnel who are suitably qualified to do so. For the work to be carried out, the qualified persons must have received instructions** covering at least the following points:
- Explanation of the plan for the assembly, modification or dismantling of the scaffolding in an understandable form and language.
- Description of the measures in order to safely assemble, modify or dismantle the scaffolding.
- Designation of the preventive measures to avoid the risk of persons and objects falling.
- Designation of the safety precautions in the event of changing weather conditions which could adversely affect the safety of the scaffolding as well as the personnel concerned.
- Details regarding the permissible loads.
- Description of any other risks that are associated with the assembly, modification or dismantling procedures.

- **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.**
- **A competent person must be present on site during scaffolding operations.**

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

** Instructions are given by the contractor himself or a competent person selected by him.

## Additional technical documentation

- Instructions for Assembly and Use:
  – PERI UP Flex Shoring Tower
  – PERI UP Flex Core Components

## Intended use

**Product description**
PERI products have been designed for exclusive use in the industrial and commercial sectors by qualified personnel only.

PERI UP Flex Assembly Decks 150, 200, 250
- are assembly aids and are used for assembling, modifying and dismantling of PERI UP Flex modular scaffold constructions.
- provide a safe working position during vertical assembly and dismantling operations.
- for the realization of, for example, birdcage and working scaffolds.

**Features**
PERI UP Flex Assembly Decks 150, 200, 250 are used for the safe assembly of a scaffold construction in a planned vertical position.

The main feature of the PERI UP Flex system is the particularly rigid node connection between the rosettes of the standards and the ledgers.

For erecting the scaffold constructions, the standards are connected with ledgers which are particularly easy to assemble due to the wedge connections. Bracing is installed in the form of system diagonals.
The tensile-proof connection of the Standards and Ledgers is ensured through the use of Spindle Lockings as well as Locking Pins in the base and head area.

Load Class 3 according to DIN EN 12811-1.
Permissible load 2 kN/m².

Can be used in temperatures ranging from – 20 °C to +60 °C.

**System dimensions**
Ground plans of the standard configuration: length x width.

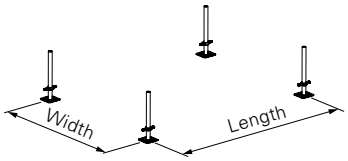



Fig. 02

**System dimensions**
Ground plans of the standard configuration.
Length x width

Length (L) corresponds to the length of the decking
- 150 cm
- 200 cm
- 250 cm

Width (B)
All lengths of the Ledger UH Plus from 1 m to 3 m can be used in 50 cm increments in the width.

Assembly with the 200 x 150 cm ground plan is shown as an example in Section A1.

## Instructions on use

The 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.

Deviations from the standard configuration must be verified for the application by means of separate strength and stability calculations (Industrial Safety Regulation Appendix 1, No. 3.2.1) and explicitly reflected in the assembly instructions.

Changes to PERI components are not permitted.

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

## Cleaning and maintenance instructions

Clean the panels after each use to maintain the value and usability of the PERI products over the long term.

Some repair work may also be inevitable due to the tough working conditions. The following points should help to keep cleaning and maintenance costs as low as possible.

Do not clean powder-coated or galvanized components with steel brushes or metal scrapers.

Mechanical components, e.g. brackets, articulated connections, must be cleaned of dirt or concrete residue before and after use, and then greased with a suitable lubricant.

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

Do not clean components suspended on a crane.

Any repairs to PERI products are to be carried out by PERI qualified personnel only.

## Cross-system

**General**
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. These Instructions for Assembly and Use do not replace the risk assessment!

Always take into consideration and comply with the safety instructions and do not exceed permissible loads.

For the application and inspection of PERI products, the current safety regulations and guidelines valid in the respective countries must be observed.

Materials and working areas are to be inspected on a regular basis, especially before each use and assembly, for:
- signs of damage,
- stability and
- function.

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

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

Components provided by the contractor must conform with the characteristics required in these Instructions for Assembly and Use as well as all valid construction guidelines and standards. Unless otherwise indicated, this applies in particular to:
- Timber components: Strength Class C24 for Solid Wood according to EN 338.
- Scaffold tubes: galvanised steel tubes with minimum dimensions of Ø 48.3 x 3.2 mm according to EN 12811-1:2003 4.2.1.2.
- Scaffold tube couplings according to EN 74.

Deviations from the standard configuration are only permitted after a further risk assessment has been carried out by the contractor.
On the basis of this risk assessment, appropriate measures for working and operational safety as well as stability are to be determined.
Corresponding proof of stability can be provided by PERI on request if the risk assessment and resulting measures to be implemented are made available.

Before and after exceptional occurrences that may have an adverse effect regarding the safety of the scaffolding system, the contractor must immediately
- create an additional risk assessment, with appropriate measures for ensuring the stability of the formwork system being carried out based on the results,
- arrange for an extraordinary inspection to be carried out by a competent person qualified to do so. The aim of this inspection is to identify and rectify any damage in good time in order to guarantee the safe use of the scaffolding system.

Exceptional occurrences can include:
- accidents,
- longer periods of non-use,
- natural events, e.g. heavy rainfall, icing, heavy snowfall, storms or earthquakes.

**Assembly, modification and dismantling work**
Assembly, modification or dismantling of scaffolding systems may only be carried out by qualified persons and under the supervision of a competent person. The qualified persons 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 assembly instructions in order to ensure safe assembly, modification and dismantling of the shoring system.

Before initial use, the safe functioning of the scaffold must be checked by a person qualified to carry out the inspection. The results of the inspection must be documented in an inspection record.

The contractor must ensure that the personal protective equipment required for the assembly, modification or dismantling of the shoring system, e.g.
- safety helmet,
- safety shoes,
- safety gloves,
- safety glasses,

is available and used as intended.

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 against falling to be used 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. Areas of risk must be cordoned off and clearly marked.
- ensure the stability during all stages of construction, in particular during assembly, modification and dismantling operations.
- ensure and prove that all loads can be safely transferred.

**Utilization**
Every contractor who uses or allows the scaffolding system or sections of the scaffolding system to be used, has the responsibility for ensuring that the equipment is in good condition.

If the scaffolding 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 be then coordinated.

## System-specific

**Risk of falling!**
For safety reasons
– always ensure that the levels of a scaffold unit are completely covered with decking.
– for scaffolding units with greater heights, project-specifically determine whether one or more additional decking levels are to be installed with decking – also for material transport purposes.
– install decking at heights using 1 m spacings.

## A1.1 Base unit

- Assembly is shown here as an example
  - using a 150 x 200 cm ground plan, (Fig. A1.01)
  - with a height of 4 m.
- Spindle Lockings are optional and must only be integrated if the scaffolding unit is subsequently moved.
- Detailed assembly of the PERI UP Flex components is described in the Instructions for Assembly and Use for PERI UP Flex Core Components.

**Base unit components**

| | | |
|---|---|---|
| **1** | Adj. Base Plate UJB 38-50/30 | 4x |
| **2a** | Ledger UH 150 Plus | 2x |
| **2b** | Ledger UH 200 Plus | 2x |
| **3** | Base Standard UVB 24 | 4x |
| **5** | Spindle Locking UJS – optional | 4x |

**Assembly aids**

| | | |
|---|---|---|
| **4** | H-Brace UBH Flex | 1x |

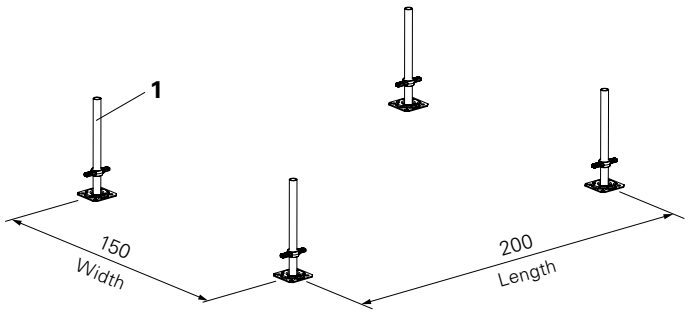



Fig. A1.01

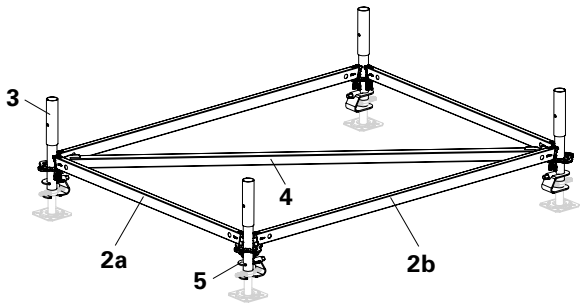



Fig. A1.02

**Assembly**

1. 1. Position four Adj. Base Plates (1) in the form of a 1.25 x 1.50 m rectangle on the ground. (Fig. A1.01)
2. 2. Position Base Standard (3) on the Adjustable Base Plate – 4x.
3. 3. Install Ledger (2a + 2b) – 2x each.
   → Base unit is now assembled.
4. 4. Install H-Brace (4).
   → Assembly aid for ensuring right angularity. (Fig. A1.02)
5. 5. Optional: installation of Spindle Locking (5).
   → Adj. Base Plate is now secured.

- Is the base unit right-angled?
- Do the end plates of the Adj. Base Plates have full-surface contact?

The Ledger UH can also be used instead of the Ledger UH Plus.

## A1.2 First level

- Height change of the decking is 1 m. Install the first level at 1 m spacing to the base unit. (Fig. A1.03)
- Locking Pins are optional and must only be integrated if the scaffolding unit is subsequently moved.

**First level components**

| | | |
|---|---|---|
| **2a** | Ledger UH 150 Plus | 2x |
| **2b** | Ledger UH 200 Plus | 2x |
| **6** | Standard UVR 200 | 4x |
| **7** | Locking Pin D48/D57 – optional | 4x |
| **8a** | Ledger Brace UBL 150/100 | 2x |
| **8b** | Ledger Brace UBL 200/100 | 1x |

**Assembly**

1. 1. Insert Standards (6) into the Base Standard (3) - 4x. (Fig. A1.03)
2. 2. Install Ledger (2a + 2b) – 2x each. (Fig. A1.03)
   → First level is ready.
3. 3. Optional: installation of Locking Pins (7). (Fig. A1.03)
   → Standard is secured.
4. 4. Install Ledger Brace (8a) – 2x. (Fig. A1.04)
5. 5. Install Ledger Brace (8b) – 1x. (Fig. A1.04)
6. 6. Dismantle the assembly aid H-Brace (4). (Fig. A1.04)

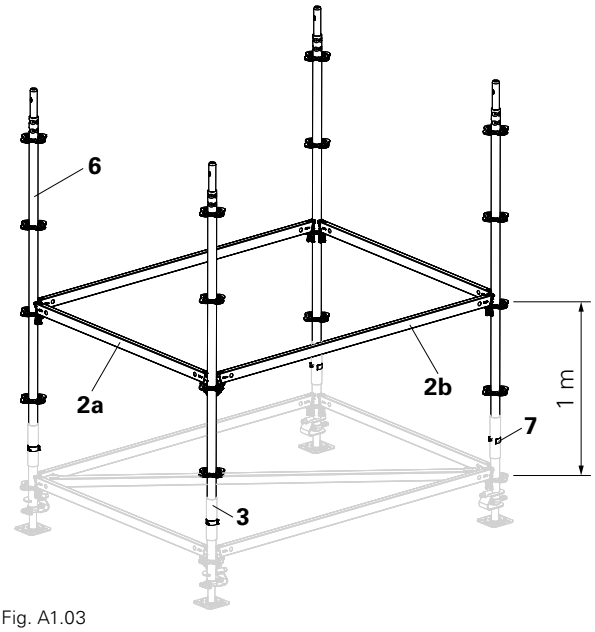



Fig. A1.03

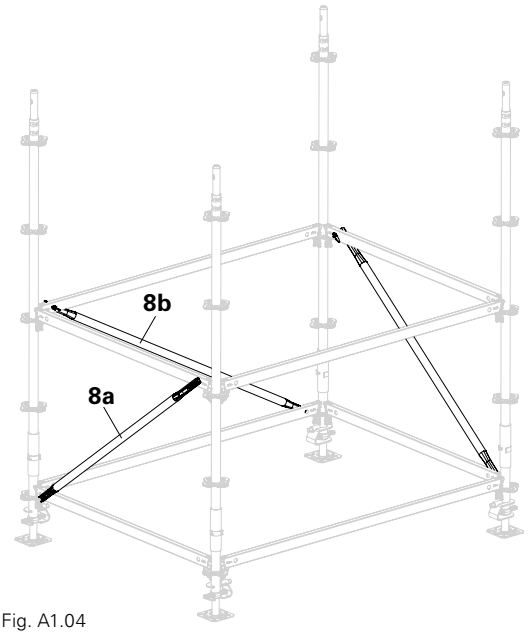



Fig. A1.04

## A1.3 Decking level installation

**Warning**

Without the Ledger Brace (8a), the deck can swing and fall down.
Risk of injury!

⇒ The two Ledger Braces UBL must be installed across the complete width of the decking level before the decking is installed.

Leave a 2 – 3 cm spacing between the assembly decks.

**Components**

| | | |
|---|---|---|
| **8b** | Ledger Brace UBL 200/100 | 1x |
| **9** | Decking PERI UP Flex 200 | 3x* |

* Number of decks depends on the width (W), see the following Table and Fig. A1.06.

| B | 100 | 150 | 200 | 250 | 300 |
|---|---|---|---|---|---|
| Pcs. | 2x | 3x | 4x | 5x | 6x |

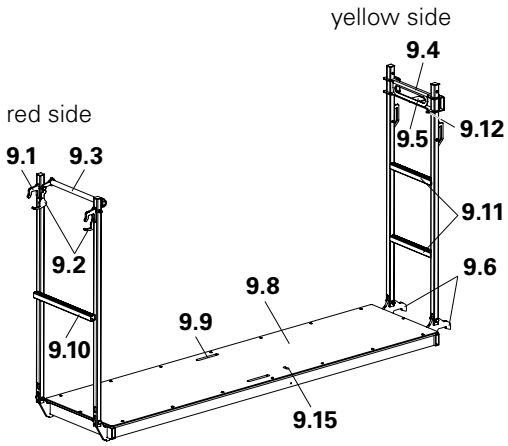



Fig. A1.05

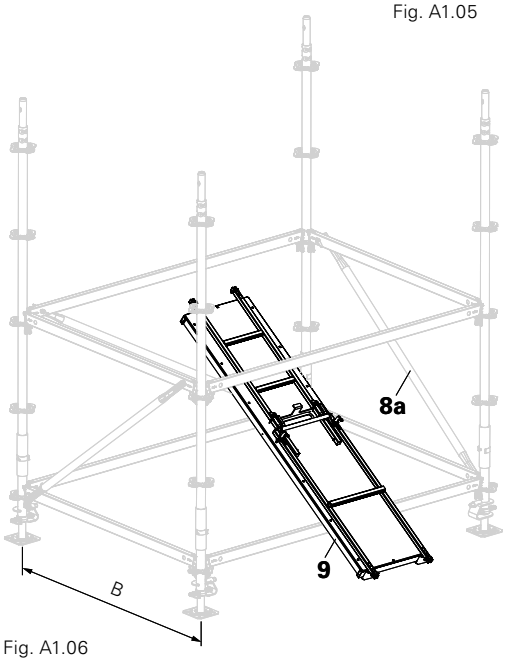



Fig. A1.06

**Assembly**

1. 1. Insert one deck (9) into the tower from the open side. (A1.06)
2. 2. Suspend deck with both hooks (9.1) of the red side over the beam of the Ledger. (Fig. A1.07) Ensure that the outer hooks (9.1) are mounted between the Standard (2.1) and the end of the Ledger Brace (8.1).
   (Fig. A1.07a)

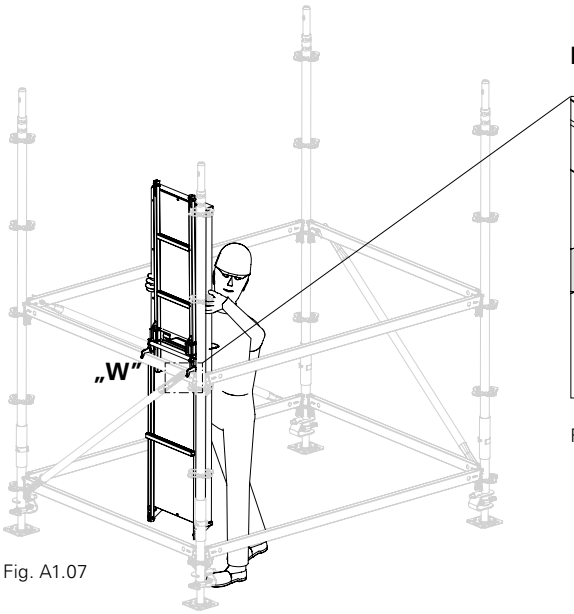



Fig. A1.07

**Detail "W"**

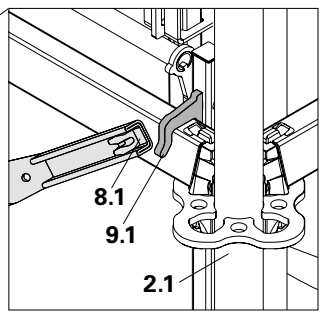



Fig. A1.07a

1. 3. Attach the additional decking (9) with the hooks (9.1) next to the first deck, see Point 2.
2. 4. Install the last deck (9.x) – turned by 180° to the opposite Ledger – by means of the two hooks (9.1). (Fig. A1.08 + A1.07a)
   → Decking of one level is installed in an open position.

Decking is only allowed to hang for a short time before it is folded out into the open position. (Fig. A1.08)

3. 5. Remove cotter pin (9.7) on the underside of the deck. (Fig. A1.08a)
   → Securing device of the deck is released.
4. 6. Hold deck tightly and fold downwards. (Fig. A1.09 + A1.10)
   → Red tipping bar (9.3) folds down and secures the red side against lifting. (Fig. A1.09a)
   → Deck lies on the opposite side with the two claws (9.6) on the Ledger. (Fig. A1.10a)

Does the counterholder (9.2) grip the Ledger from below? (Fig. A1.09a)

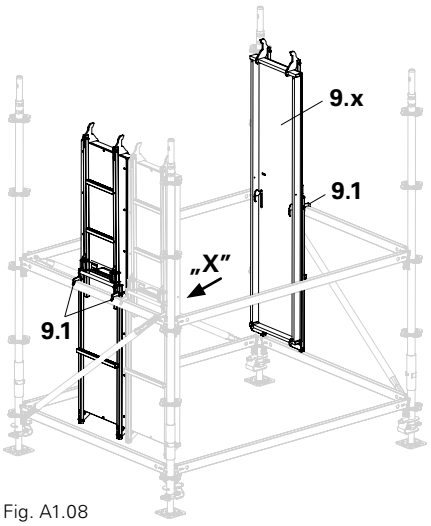



Fig. A1.08

**View "X"**

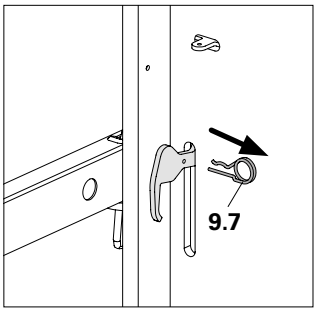



Fig. A1.08a

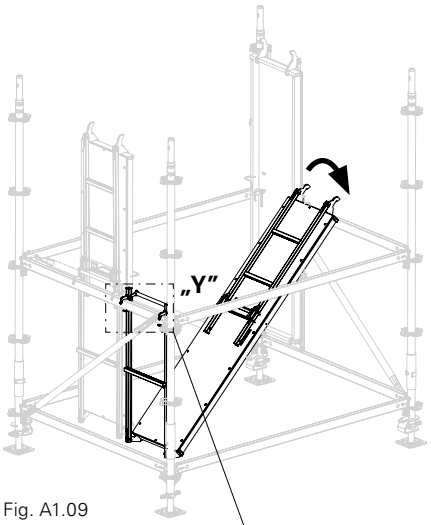



Fig. A1.09

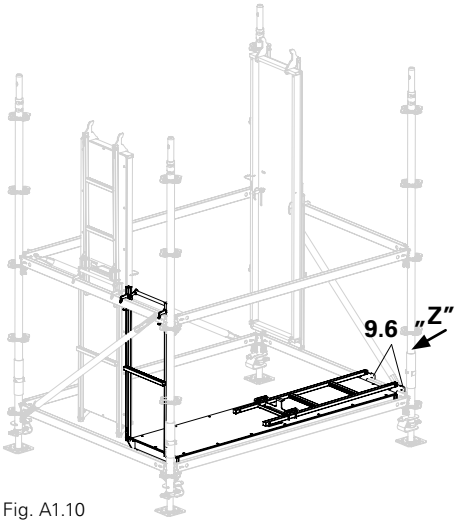



Fig. A1.10

**Detail "Y"**

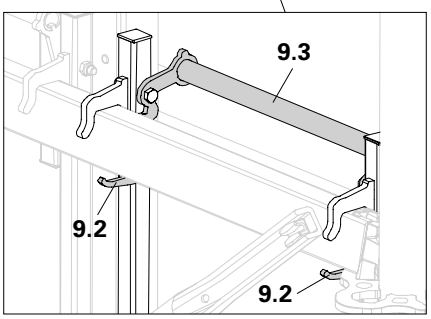



Fig. A1.09a

**View "Z"**

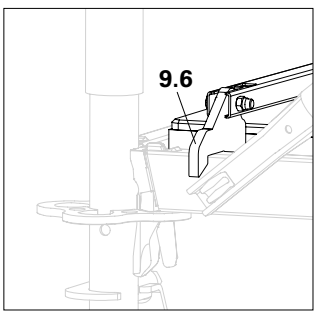



Fig. A1.10a

1. 7. Pull yellow bar (9.4) upwards and suspend yellow lug (9.5) above the top Ledger. (Fig. A1.11a)
   → Deck is now installed. (Fig. A1.11)
2. 8. Fold out second deck and additional decks in the same way as the first deck, see Points 5 – 7.
   → First level is now completely fitted with decking.
3. 9. Install second Ledger Brace (8b). (Fig. A1.12)

– Is the red bar (9.3) folded downwards? (Fig. A1.09a)
– Is the yellow lug (9.5) positioned against the Ledger? (Fig. A1.11a)
– Have all Ledger Braces (8a + 8b) been installed?

**View "X"**

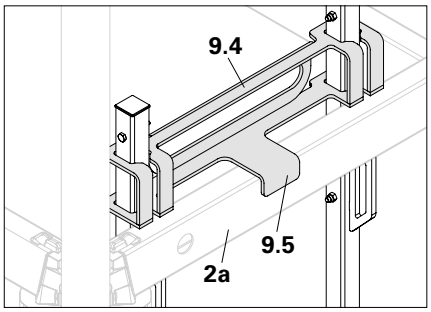



Fig. A1.11a

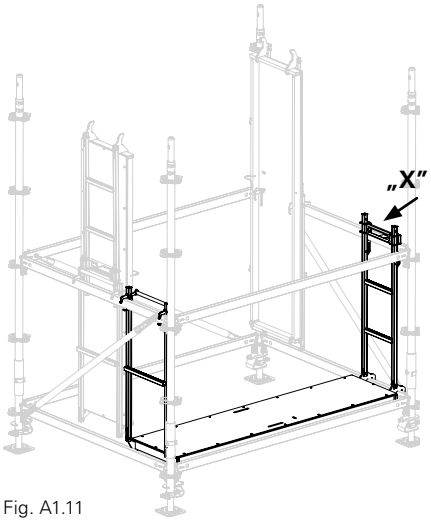



Fig. A1.11

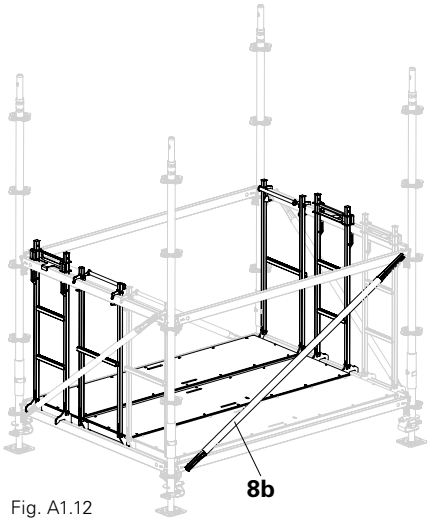



Fig. A1.12

## A1.4 Second level

Install the second level with a 1 m spacing to the first level. (Fig. A1.13)

**Second level components**

| | | |
|---|---|---|
| **2a** | Ledger UH 150 Plus | 2x |
| **2b** | Ledger UH 200 Plus | 2x |
| **8a** | Ledger Brace UBL 150/100 | 2x |
| **8b** | Ledger Brace UBL 200/100 | 2x |

**Assembly**

1. 1. Install Ledger (2a + 2b) – 2x each.
2. 2. Install Ledger Brace (8a + 8b) – 2x each.

(Fig. A1.13)

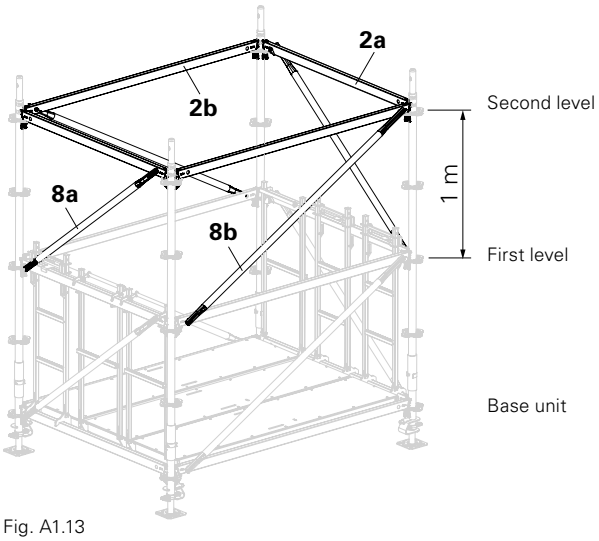



Fig. A1.13

## A1.5 Moving the decking level upwards

- The decking from the lower level is moved to the top.
- When moving the decking upwards begin with the yellow side. (Fig. A1.14)

**Assembly**

1. 1. Pull yellow bar (9.4) upwards, disengage yellow lug (9.5) and hook above the top Ledger (2a). (Fig. A1.14)
2. 2. Pull the red tipping bar (9.3) on the opposite side upwards.
   → Counterholder (9.2) is then released and the hooks (9.1) are unhooked. (Fig. A1.15)
3. 3. Attach both hooks (9.1) to the top Ledger (2a).
   → Counterholder (9.2) is positioned on the Ledger as protection against lifting. (Fig. A1.15 + A1.09a)
4. 4. Moving additional decking upwards in the same way, Points 1 – 3. (Fig. A1.16)
5. 5. Climb up to the top decking level before moving the last deck. (Fig. A1.16)

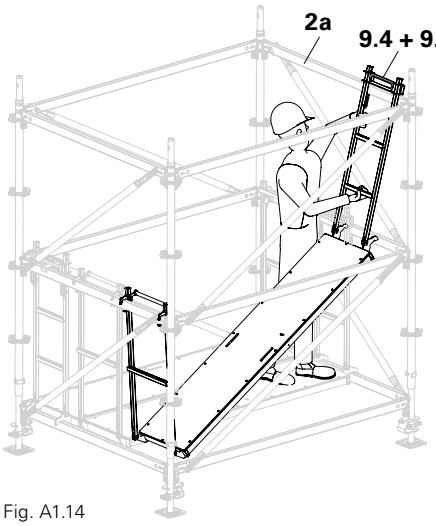



Fig. A1.14

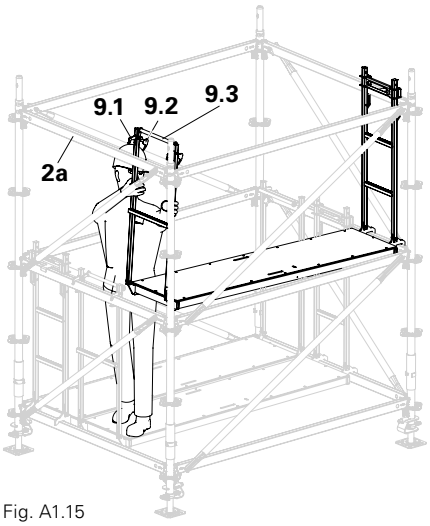



Fig. A1.15

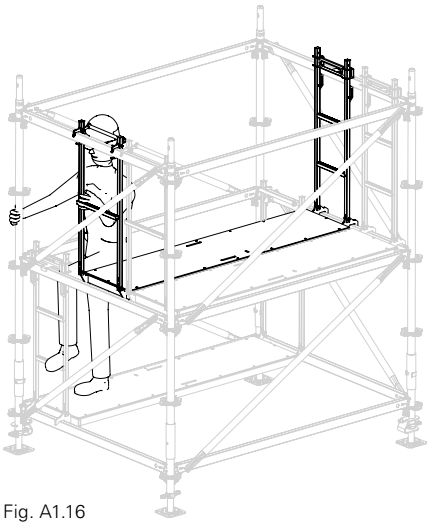


Fig. A1.16

Accessing the top level by means of
– the rungs on the red side, tread height 50 cm.
– the rungs on the yellow side, tread height 33 cm.

1. 6. Move last deck from above - turned 180° – in the same way as Points 1 – 3. (Fig. A1.17 + A1.18 + A1.19)

→ The complete level with decking has now been moved.

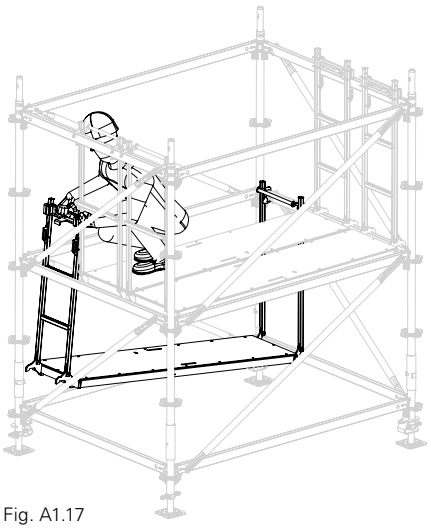


Fig. A1.17

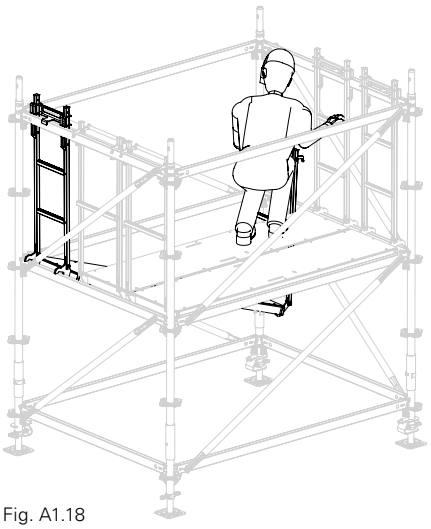


Fig. A1.18

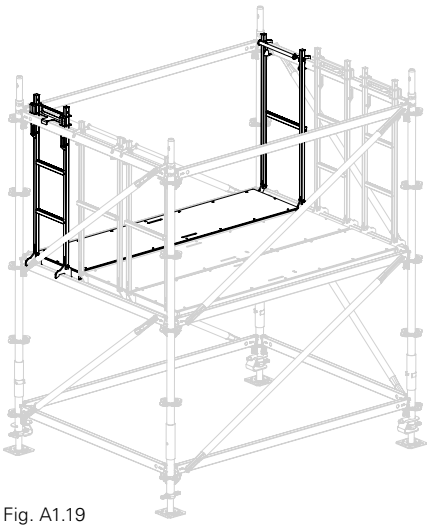


Fig. A1.19

## A1.6 Additional levels

### Warning

- Risk of falling during transport of materials.
  ⇒ For higher towers, install one or more additional decking levels.
  ⇒ Project-specifically determine additional decking levels or temporary support according to a separate risk assessment.

- Tipping or horizontal moving of the scaffolding unit.
  ⇒ Install a temporary support during installation, see Instructions for Assembly and Use for the PERI UP Flex Shoring Tower.
  ⇒ Project-specifically determine additional decking levels or temporary support according to a separate risk assessment.

**Components for additional levels of the basic assembly**

| | | |
|---|---|---|
| **2a** | Ledger UH 150 Plus | 2x* |
| **2b** | Ledger UH 200 Plus | 2x* |
| **6** | Standard UVR 200 | 4x* |
| **7** | Locking Pin D48/D57 – option. | 4x* |
| **8a** | Ledger Brace UBL 150/100 | 2x* |
| **8b** | Ledger Brace UBL 200/100 | 2x* |
| **11** | Top Standard UVH 200 ** | 4x* |

* Pcs. per level.
** Only in connection with the head spindle if no additional level follows, otherwise Standard (6).

**Assembly**
Install components, see Section A1.2. (Fig. A1.20 + A1.21)

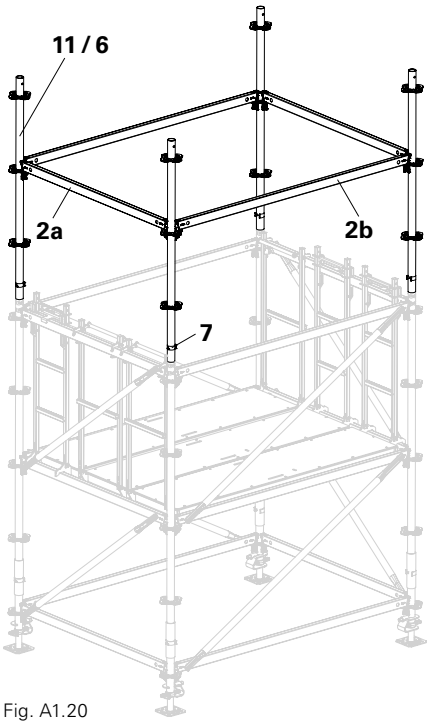


Fig. A1.20

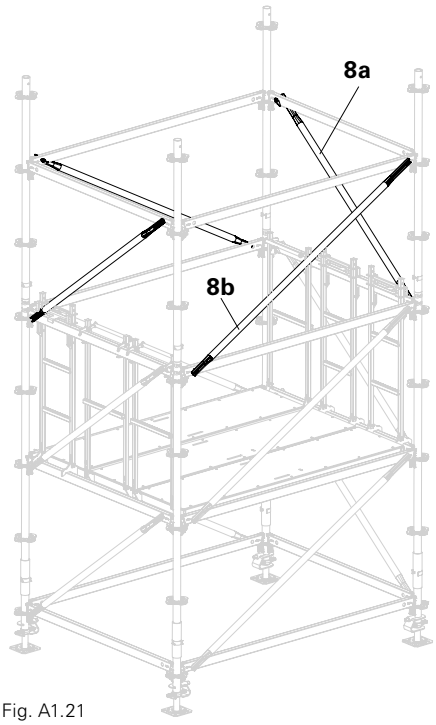


Fig. A1.21

### Moving the decking level upwards

– The decking from the lower level is moved to the top.
– When moving the decking begin with the yellow side. (Fig. A1.15)

**Assembly**
Moving the decking upwards, see Section A1.15.
(Fig. A1.22 + A1.23)

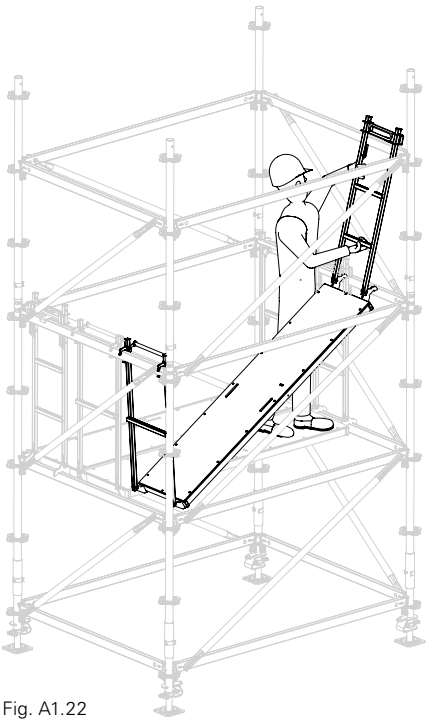


Fig. A1.22

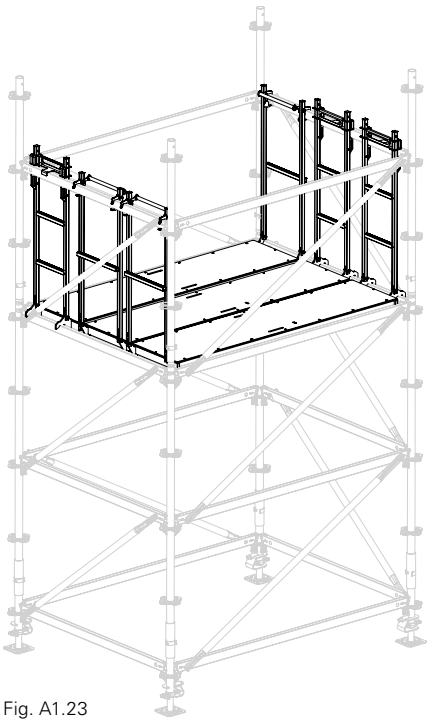


Fig. A1.23

## A1.7 Final level

- Install the last level at a distance of 50 cm or 100 cm from the previous level.
- Height adjustment of the scaffolding unit is carried out by installing Top Standards of different lengths.
- If the unit is used as shoring, install Head Spindles and Head Spindle Lockings.

**Components for the last level of the basic assembly**

| | | |
|---|---|---|
| **2a** | Ledger UH 150 Plus | 2x |
| **2b** | Ledger UH 200 Plus | 2x |
| **8c** | Ledger Brace UBL 150/50 | 2x |
| **8d** | Ledger Brace UBL 200/50 | 2x |

**Assembly**

1. 1. Install Ledger (2a + 2b) – 2x each.
2. 2. Install Ledger Brace (8c + 8d) – 2x each.

(Fig. A1.24)

**Components for use as shoring**

| | | |
|---|---|---|
| **10** | Cross Forkhead TR 38-70/50 | 4x |
| **12** | Head Spindle Locking UJH | 4x |

**Assembly**

1. 1. Insert Head Spindle (10) in the tube of a Standard – 4x each.
2. 2. Install Head Spindle Locking (12) – 4x each.

(Fig. A1.25)

Detailed description of the Head Spindle (10) and Head Spindle Locking (12), see Instructions for Assembly and Use for the PERI UP Flex Shoring Tower.

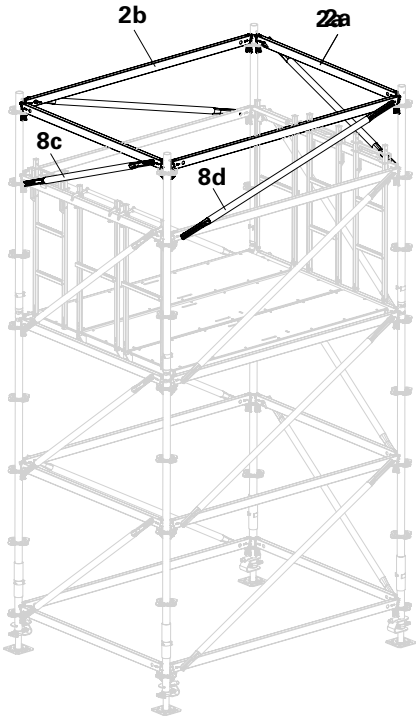



Fig. A1.24

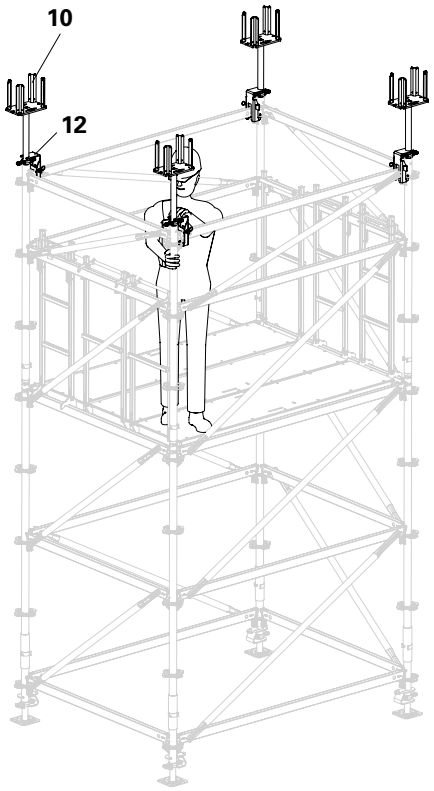



Fig. A1.25

## A1.8 Dismantling the decking levels

- The decking is only required for assembling the scaffold unit and must be subsequently dismantled.
- When moving the decking downwards begin with the red side. (Fig. A1.26)
- After moving the first deck, descend to the decking level below.

**Moving the decking one level downwards**

1. 1. Pull the red tipping bar (9.3) upwards.
   → Counterholder (9.2) is then released and the hooks (9.1) are unhooked.
2. 2. Attach both hooks (9.1) to the bottom Ledger (2a). (Fig. A1.26)
3. 3. Pull yellow bar (9.4) on the opposite side upwards, disengage yellow lug (9.5) and hook in above the bottom Ledger (2a). (Fig. A1.27)
   → Deck lies on the Ledger with both claws (9.6). (Fig. A1.27a)

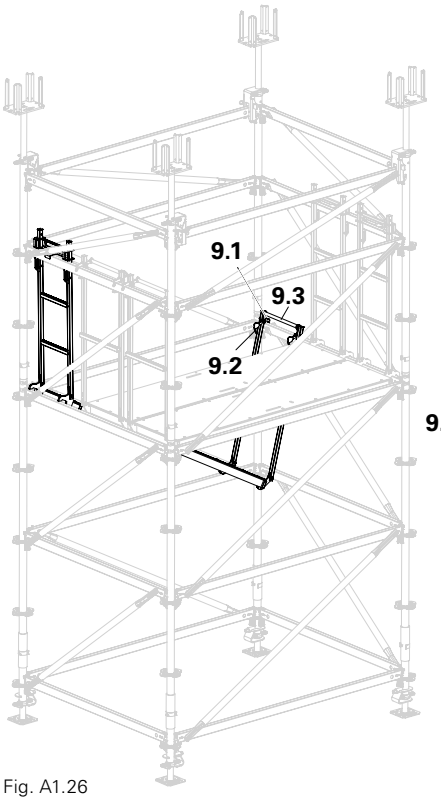



Fig. A1.26

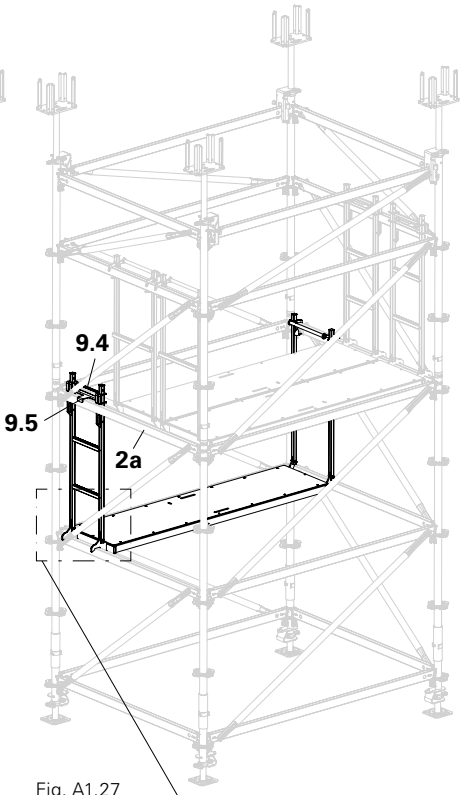



Fig. A1.27

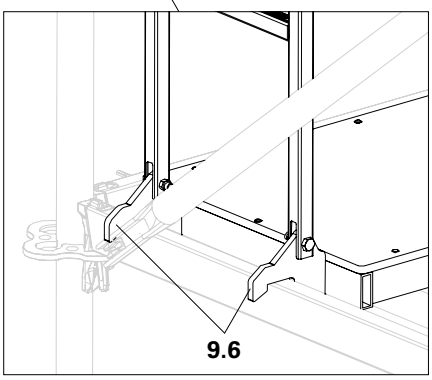



Fig. A1.27a

1. 4. Descend to the deck which has been moved.

Descending to the lower level using
– the rungs on the red side, tread height 50 cm.
– the rungs on the yellow side, tread height 33 cm.

2. 5. Moving the middle deck in the same way as Points 1 – 3.
3. 6. Move last deck (9.x) - turned 180° – in the same way as Points 1 – 3.
(Fig. A1.28 + A1.29)

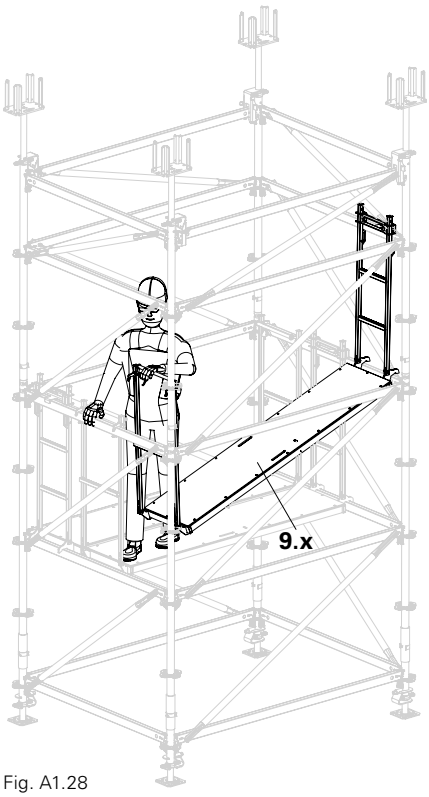



Fig. A1.28

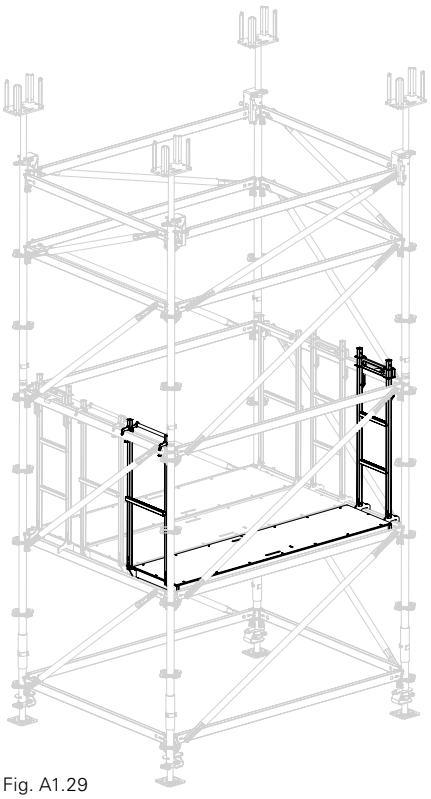


Fig. A1.29

**Decking variants**
Depending on the length of the assembly deck, ladders must be secured differently.

**Assembly Deck 150**
Yellow bar without lug. (Fig. A1.30)

1. 1. Fold down ladder with yellow bar (9.4)
2. 2. Fold deck upwards. Ensure that the two red counterholders (9.2) slide through the slotted holes (9.9).
3. 3. Secure one counterholder (9.2) with a cotter pin. (Fig. A1.33)
   → Deck is now secured in the folded position.

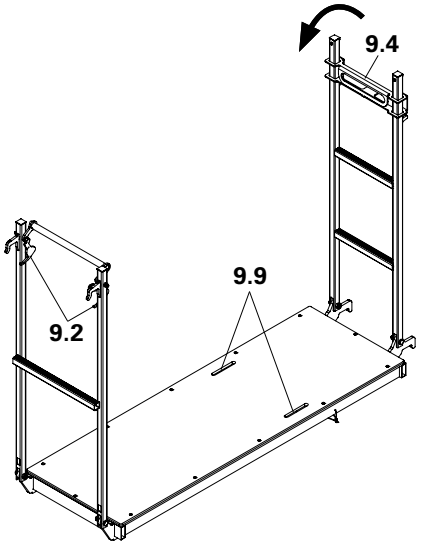



Fig. A1.30

**Assembly Deck 200**
Yellow bar with lug. (Fig. A1.31)

1. 1. Fold down ladder with yellow bar (9.4). When folding the yellow bar, ensure that the lug (9.14) is positioned in the slot (9.15). (Fig. A1.33)
   → Securing the position of the yellow bar.
2. 2. Fold deck upwards. Ensure that the two red counterholders (9.2) slide through the slotted holes (9.9).
3. 3. Secure one counterholder (9.2) with a cotter pin. (Fig. A1.33)
   → Deck is now secured in the folded position.

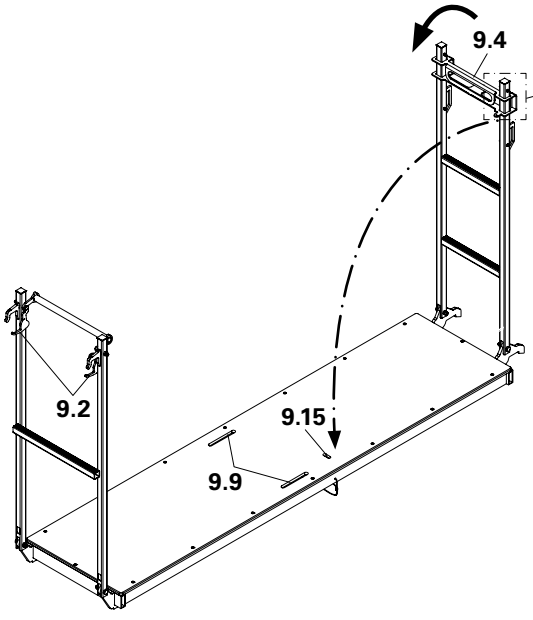



Fig. A1.31

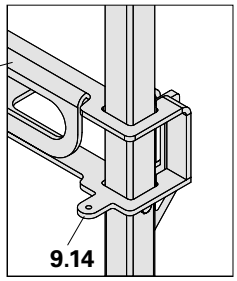



Fig. A1.32

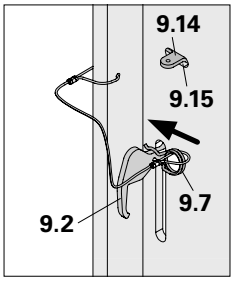



Fig. A1.33

**Assembly Deck 250**
Yellow bar with lug (Fig. A1.34)

1. 1. Fold down ladder with yellow bar (9.4). When folding the yellow bar, ensure that the lug (9.14) is positioned in the slot (9.15).
2. 2. Fold deck upwards. Ensure that the two red counterholders (9.2) slide through the slotted holes (9.9).
3. 3. Insert cotter pin (9.7) into the hole of the yellow lug (9.14). (Fig. A1.35)
   → Securing the position of the yellow bar.
4. 4. Secure one counterholder (9.2) with a cotter pin (9.7). (Fig. A1.36)
   → Deck is now secured in the folded position.

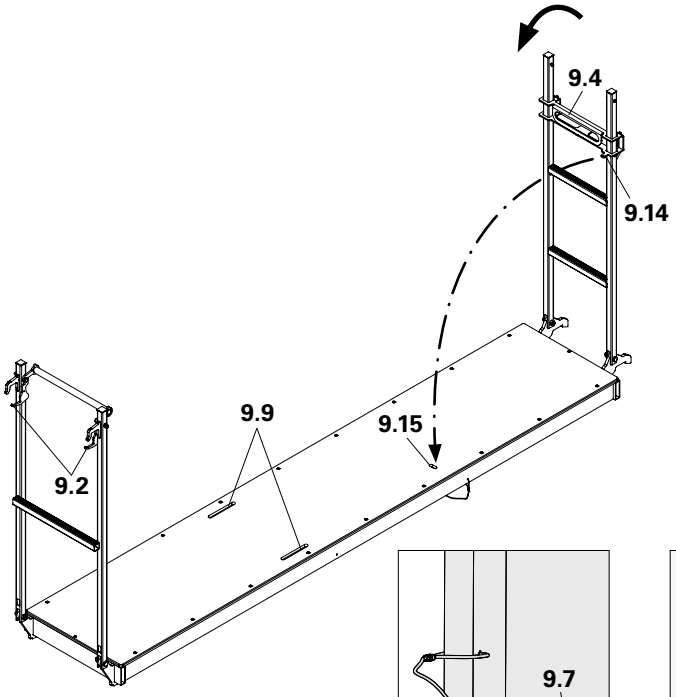


Fig. A1.34

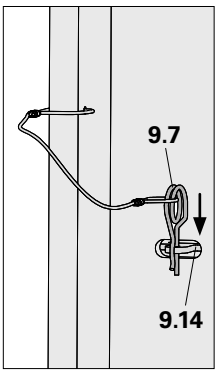


Fig. A1.35

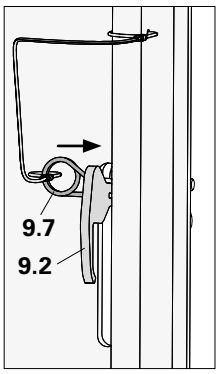


Fig. A1.36

**Dismantling the decks**
1. 1. Fold deck together. (Fig. A1.37 + A1.38) Exact instructions for use: see Decking variants.
   – Assembly Deck 150. (Fig. A1.30 + A1.33)
   – Assembly Deck 200. (Fig. A1.31 + A1.32 + A1.33)
   – Assembly Deck 250. (Fig. A1.34 + A1.35 + A1.36)

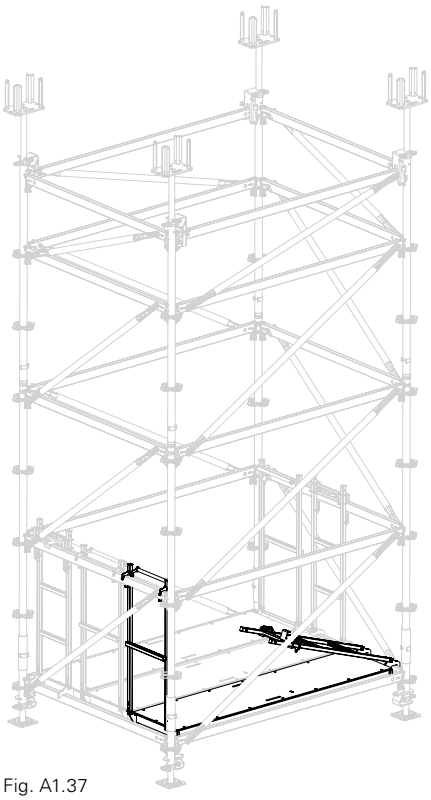


Fig. A1.37

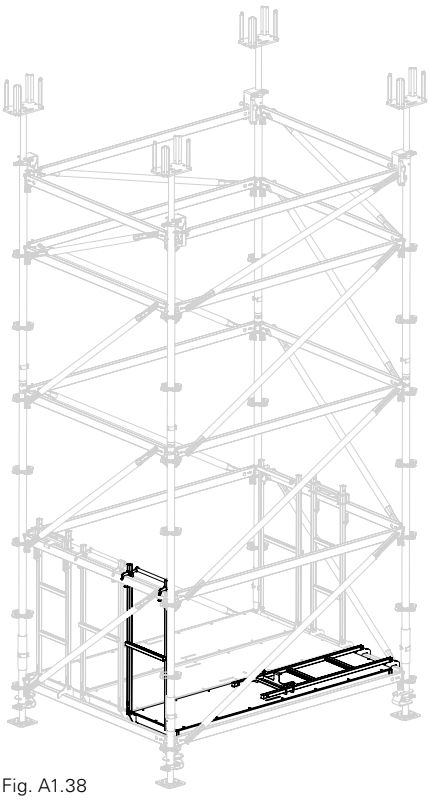


Fig. A1.38

1. 2. Fold up additional decks in the same way as the first one.
2. 3. Fold the last deck - turned by 180° – in the same way as the first one. (Fig. A1.39 + A1.40)
3. 4. Ledger Brace (8b) dismantle.
   → Prerequisite that decks can be removed.
4. 5. Unhook the decks one after the other and remove them from the scaffolding unit.
5. 6. Re-install Ledger Brace (8b).

→ Scaffolding unit is now ready. (Fig. A1.41)

- Decking is only allowed to hang for a short time in the open position before it is removed. (Fig. A1.40)
- Decking can then be used for other scaffolding units.
- When dismantling the scaffolding unit, the decking must be re-installed level by level, see Section A1.3 + A1.5.
- Dismantling the scaffolding unit – see Instructions for Assembly and Use for the PERI UP Flex Core Components.

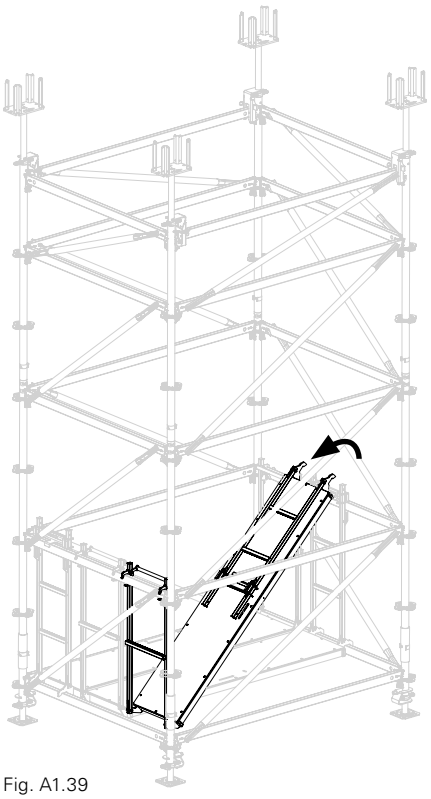


Fig. A1.39

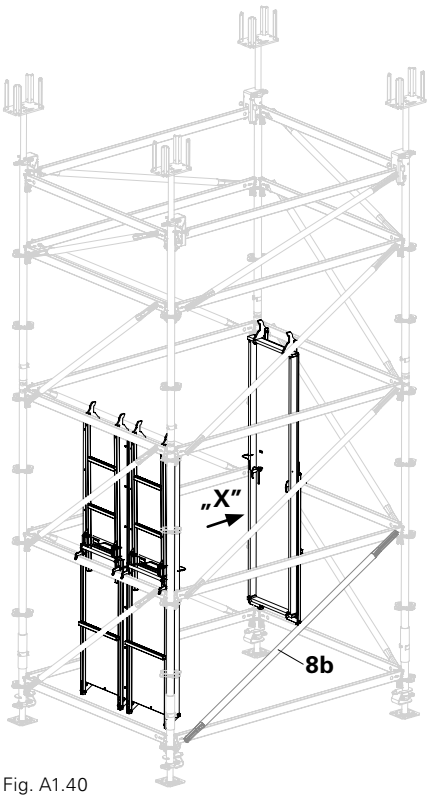



Fig. A1.40

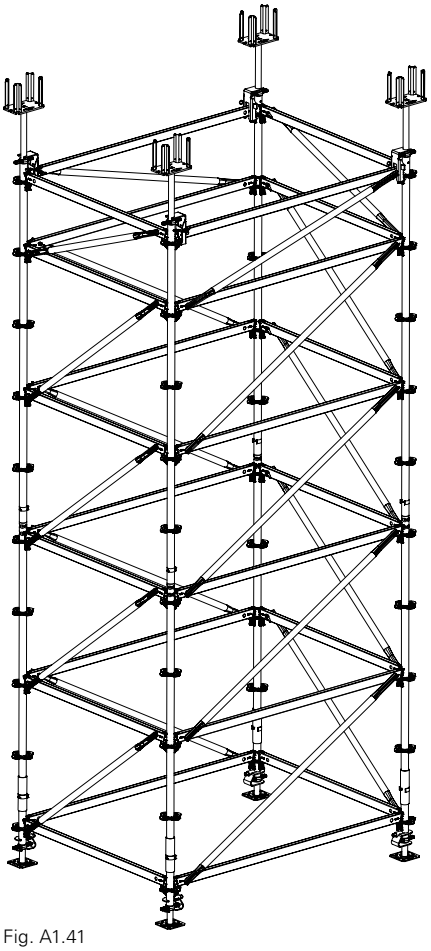


Fig. A1.41

### Warning

If transport units should fall during transfer and transport operations, this can cause serious injury or even death.

⇒ During moving operations, no persons are allowed to remain under the suspended load.

⇒ Do not drop the components.

### Caution

Decks may slip during stacking or when a transport unit is opened whch could result in persons being hit and injured.

⇒ Stack and secure transport units in the correct manner ensuring that no unintentional change in their position is possible, see Creating transport units.

Transport units

- are created using decks of the same size only.
- are picked up using the longitudinal side only. (Fig. A2.01)
- are suitable for lifting by forklift.

**Creating transport units**

– 2 decks (9) are positioned side by side and 10 decks are placed one on top of each other. The cams (9.12) must reach into the stacking pockets (9.13).
– Place timbers underneath.
– Place wooden strips on top.
– Secure with steel band.

(Fig. A2.01 + A2.01a)

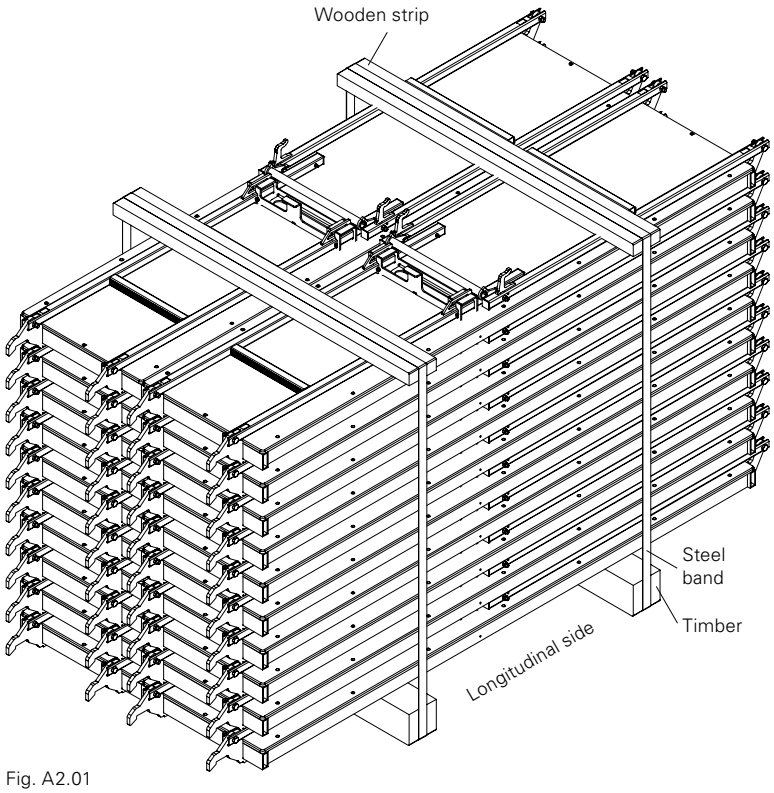



Fig. A2.01

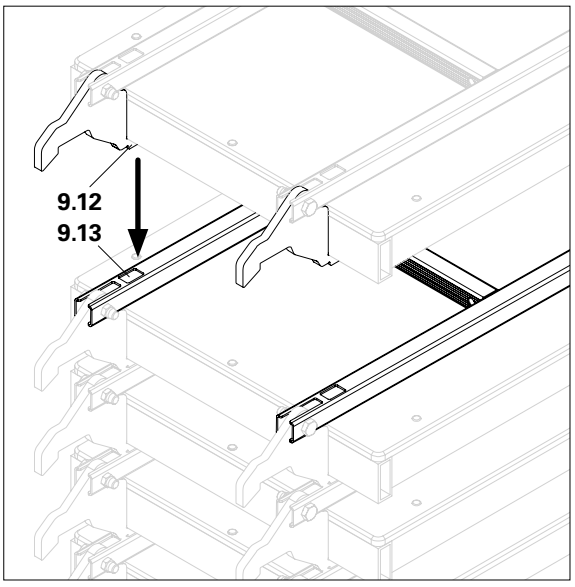
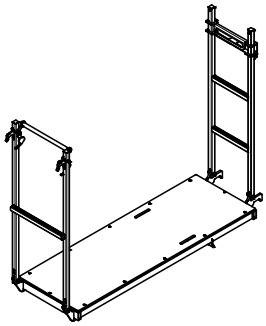


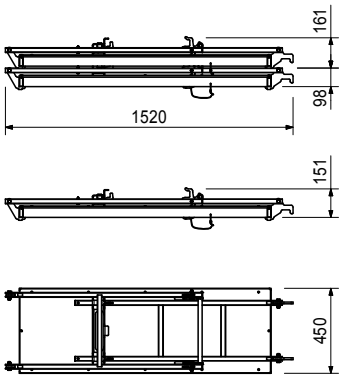

Fig. A2.01a

| Item no. | Weight kg |
|---|---|
| 130866 | 16.000 |

**Assembly Deck PERI UP Flex 150**
For bay lengths of 150 cm.

**Technical Data**
Permissible load 2.0 kN/m².

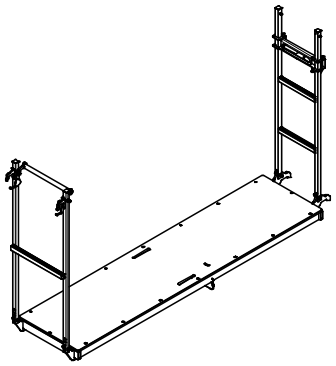


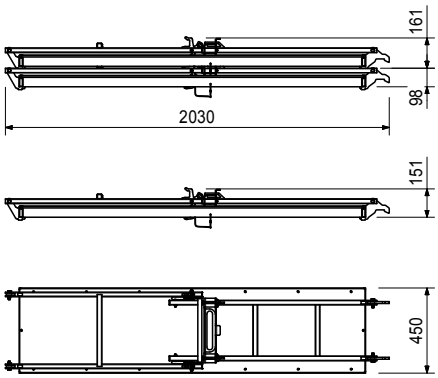



| 130916 | 19.800 |
|---|---|

**Assembly Deck PERI UP Flex 200**
For bay lengths of 200 cm.

**Technical Data**
Permissible load 2.0 kN/m².

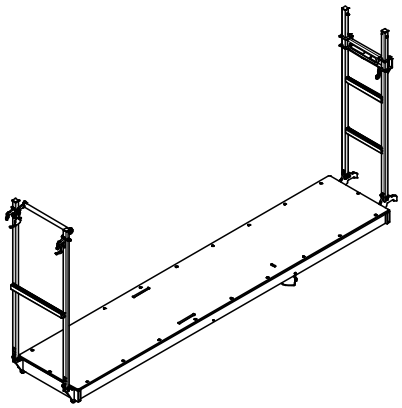


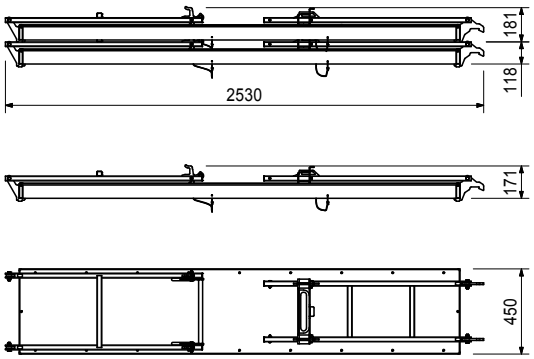



| 130929 | 23.400 |
|---|---|

**Assembly Deck PERI UP Flex 250**
For bay lengths of 250 cm.

**Technical Data**
Permissible load 2.0 kN/m².





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