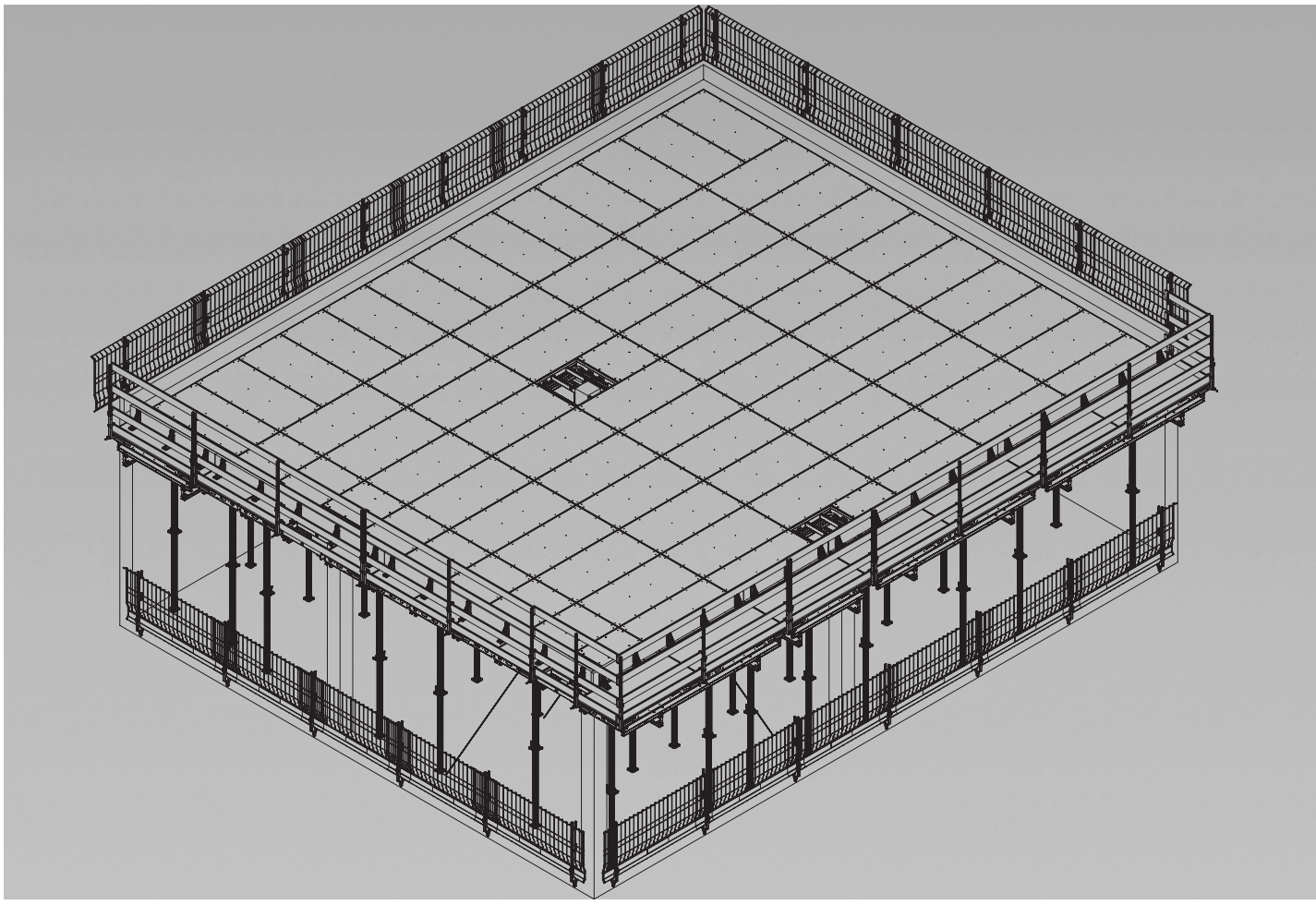
PERI

SKYMAX
Slab Table

Instructions for Assembly and Use – standard configuration – Version 1.0



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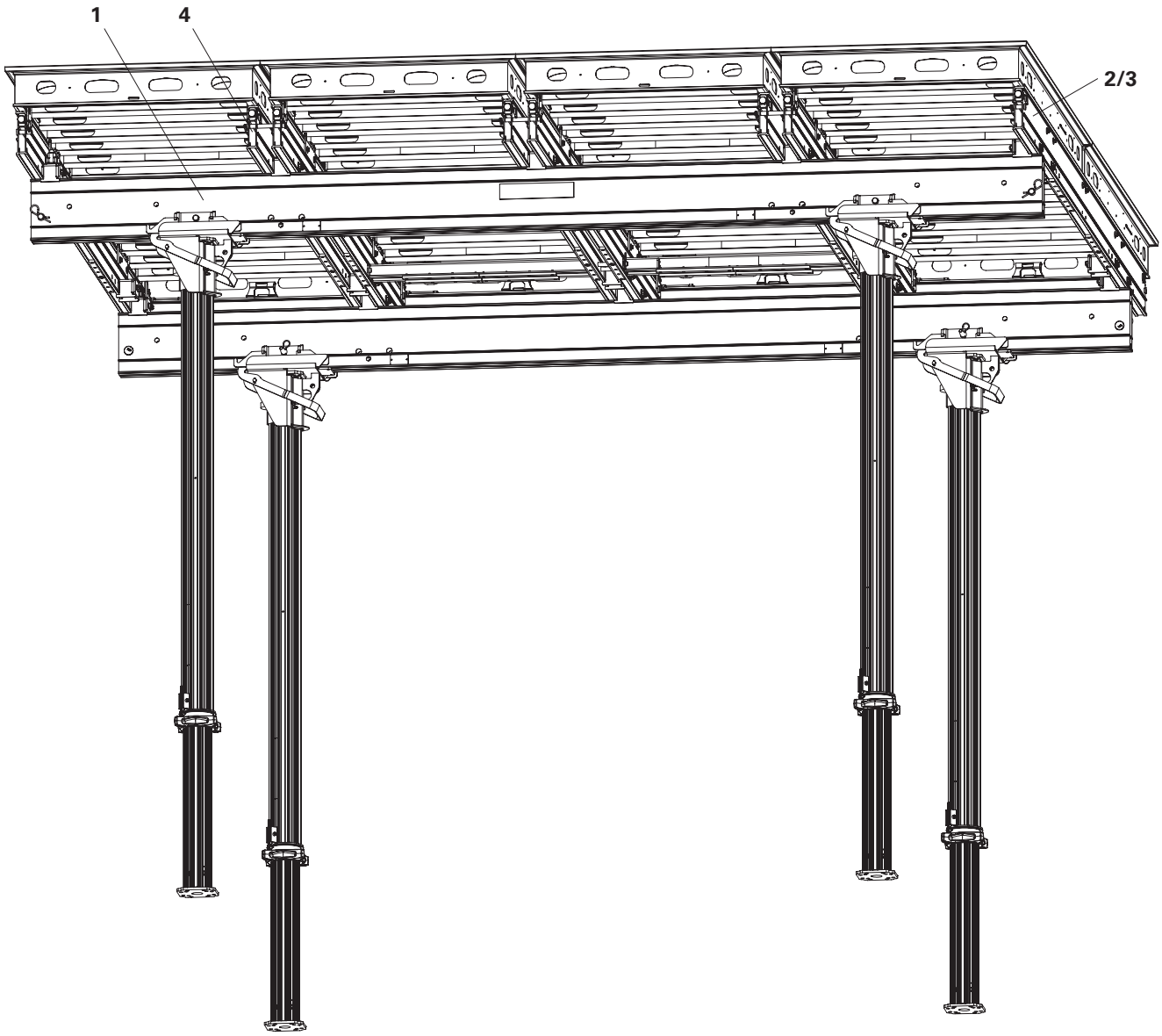
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Main components



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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)

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, detailed illustrations are sometimes incomplete. The safety equipment that might not be shown in these detailed illustrations must still be available.

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.

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 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 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 formwork in an understandable form and language.
- Description of the measures for assembling, modifying or dismantling the formwork.
- Designation 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.**
- **A competent person must be present on site during system operations.**

* 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.

Additional technical documentation

- Instructions for Assembly and Use:
  - SKYMAX Large Panel Slab Formwork
  - MULTIPROP Slab Props
  - PEP Ergo Slab Props
  - PERI UP Flex Shoring Tower
- Instructions for Use:
  - Pallet lifting trolley
  - Pallets and stacking devices
  - Stripping Cart ASW 465
  - Aluminium stripping cart
  - Table Lifting Fork 1.75 t
  - Table Striking and Transportation Trolley 2 t
- Technical Data Sheet for Tie Bolt PERI 14/20 x 130
- Design Tables 2015 – Formwork and Shoring

Intended use

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

These Instructions for Assembly and Use only show the application of the slab tables. For a clearer presentation, the entire slab system is not shown.

The application of the slab system is described in the Instructions for Assembly and Use for the SKYMAX Large Panel Formwork.

Product description
SKYMAX Slab Table is a slab table system that is transported in individual modules and assembled on the construction site to form finished slab tables.

The system consists of longitudinal and cross girders that are assembled to form a skeleton. SKYMAX Large Panel Slab Formwork panels are then installed on this skeleton. Slab thicknesses of up to 40 cm can be produced without additional measures, and up to 55 cm with additional measures.

MULTIPROP or PEP Slab Props are provided to support the SKYMAX Slab Tables.

All components are made of aluminium and, due to their low weight, enable safe assembly of the tables without the need for a crane.

Accessories for infill areas, shuttering of columns and for slab edges are available.

Technical data
System dimensions

Slab table sizes:
- 200 x 400 cm – 8 m² table
- 200 x 600 cm – 12 m² table
- 400 x 400 cm – 16 m² table
- 400 x 600 cm – 24 m² table

Weights:
- 8 m² = 353 kg
- 12 m² = 500 kg
- 16 m² = 614 kg
- 24 m² = 900 kg

Assembly time:
1 m² ≈ 1 min (untrained)

Evenness tolerances according to DIN 18202:
- Slab thickness up to 35 cm: Line 7
- Slab thickness up to 40 cm: Line 6
- Slab thickness up to 55 cm: Line 6

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 and represents a misapplication with associated safety risks.

Changes to PERI components are not permitted.

The system described in these Instructions for Assembly and Use may contain patent-protected components.

Cleaning and maintenance instructions

Warning
Splintering parts/concrete residue could cause injuries to the eyes and hands.
⇒ Wear safety goggles.
⇒ Wear safety gloves.

In order to maintain the value and operational readiness of the formwork materials over the long term, clean the panels after each application.
Some repair work may also be inevitable due to the tough working conditions.
The following instructions should help to keep cleaning and maintenance costs as low as possible.

Spray the formwork on both sides with concrete release agent before each use; this makes the formwork easier and faster to clean. Spray the concrete release agent very thinly and evenly!

Spray the rear side of the formwork with water immediately after concreting; this avoids any time-consuming and costly cleaning operations.

When used continuously, spray the formlining elements with concrete release agent immediately after deshuttering; then clean by means of a scraper, brush or rubber lip scraper.
Important: do not clean formlining made of plywood with high-pressure equipment. This could result in the formlining being damaged.

Fix recesses and built-in parts with double-headed nails; as a result, the nails can easily be removed later, and damage to the formlining is largely avoided.

When placing bundles of reinforcement bars or other heavy objects on horizontally supported formwork elements, suitable support, e.g. squared timbers, is to be used: this prevents impressions and damage to the formlining to a large extent.

Internal concrete vibrators should be fitted with rubber caps if possible; as a result, any damage to the formlining is reduced if the vibrator is accidentally inserted between the reinforcement and formlining.

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.

Use spacers for reinforcement with large-sized supports or extensive areas of support; this largely avoids impressions being formed in the formlining when under load.

Mechanical components, e.g. spindles or gear mechanisms, 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 crane lifting gear.

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 correctness.

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.

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 EN 338.
- Scaffolding tubes:
  Galvanised steel tubes with minimum dimension Ø 48.3 x 3.2 mm according to EN 12811-1:2003 4.2.1.2.
- Scaffolding tube couplings:
  according to EN 74-1 and EN 74-2.

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, during 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 avert danger to persons and 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 the safe use of the system.

Exceptional events could be:
- accidents,
- long periods of non-use,
- natural events, e.g. heavy rainfall, icing, heavy snowfall, storms or earthquakes.

Safety instructions

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 climbing formwork, 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. Danger zones must be cordoned off and clearly marked.
- 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

Deshutter components only when the concrete has sufficiently hardened and the person in charge has given the go-ahead for deshuttering to take place.

To avoid overloading the slab props during vertical concreting cycles, activate the load-bearing capacity of the slabs that have been completed. For this, free deflection capability is required for these components. This can be done by releasing and re-installing all slab props available. This is also required for formwork systems where the prop head is an integral part of the slab formwork. The load-distributing support used, such as planking, must match the respective substrate used. If several layers are required, planks are to be arranged crosswise.
Permissible slab thickness as standard case shown in the Instructions for Assembly and Use:
30 cm, max. 40 cm.
With centre support:
Max. 55 cm.

The existing prop loads (see Table) must be safely transferred by slab props or tower systems with a sufficient load-bearing capacity.
When storing heavy items on the formwork, the load-bearing capacity must be taken into consideration.
Cantilevers may only be accessed after bracing has been mounted.
The horizontal fixed position of the slab formwork must be guaranteed during assembly and work operations at all times. This is provided through the correct installation of wall holders during assembly. This is the case with circumferential walls and pre-concreted beams during work operations.
Otherwise, transfer of the horizontal loads has to be guaranteed by means of other measures provided by the contractor, e.g. bracing.
Load assumptions for horizontal loads in accordance with DIN EN 12812.

Working areas situated below must be protected by means of appropriate measures.
Secure tools and materials to prevent them from falling to the ground.
Remove concrete residue and other forms of dirt.

Do not use any anchoring components and mountings in advance that are damaged.

Examples of damage:
- deformed components,
- rough or scratched cone surfaces,
- blocked threads,
- weld splashes on the threads.

Check the functionality of the slide bearings before every use. Do not use Bracket Cantilever VGK 50 if the grouting is damaged.

Anchoring
Anchoring is to take place only if the anchorage has sufficient concrete strength.

Exceptional events
The following applies to the aluminium and polymer versions: Larger panel units are to be formed for wind speeds of 28 km/h and more. For this, connect panels to each other and secure by means of bracing or ballast.
The value given is valid for rectangular buildings that are closed on all sides, open on all sides or closed on one side. For unfavourable structure geometries or greater wind speeds, additional securing measures are to be implemented including dismantling of the formwork.

Slab props
Slab props must be the same throughout the system. This means that the same props must be used in the SKYMAX Outside Corner as were used in the rest of the slab formwork system.

Use the slab props as described in the Instructions for Assembly and Use for SKYMAX Large Panel Formwork.

These Instructions for Assembly and Use only show the application of the outside corner. For a clearer presentation, the entire slab system is not shown.

A1 Main Beam SXT MB 400/600

The Main Beam SXT MB (**1**) consists of
– aluminium profile,
– integrated connections for Table Head SXP DT (**1.1**),
– Fixing Bolt DW 15 with Cam Nut DW 15 (**1.2 + 1.3**) for assembly of the cross girders.

The table head connections can be pinned and secured at the ends of the main beam in 3 positions with bolts and cotter pins. Hole spacing of 215 mm in each case:

- Regulating position outside (**A**): The Table Head SXP DT connection (**1.1a**) is fixed at position A. Slab table stands in the bay or is flush with the slab edge.
- Position central (**B**) and position inside (**C**): The Table Head SXP DT connection (**1.1c**) is fixed at position (**B**) or (**C**). Slab table protrudes beyond the slab edge, e.g. for edge formwork.

(Fig. A1.01 + Fig. A1.01a)

Only allowed to be recessed on one side.

1.1	Table Head SXP DT connection
1.2	Fixing Bolt DW 15
1.3	Cam Nut DW 15
1.4	Connecting bolt
1.5	Cotter pin

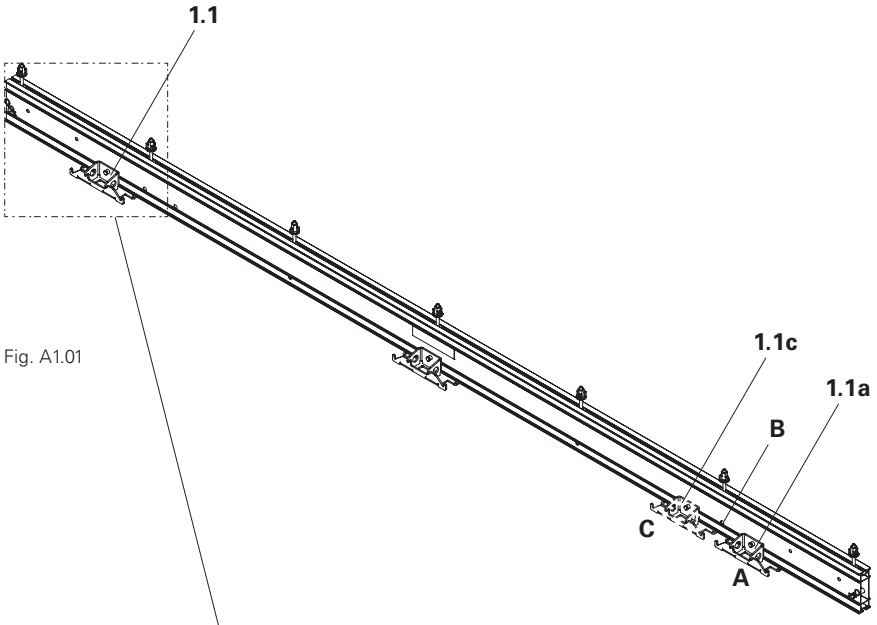


Fig. A1.01

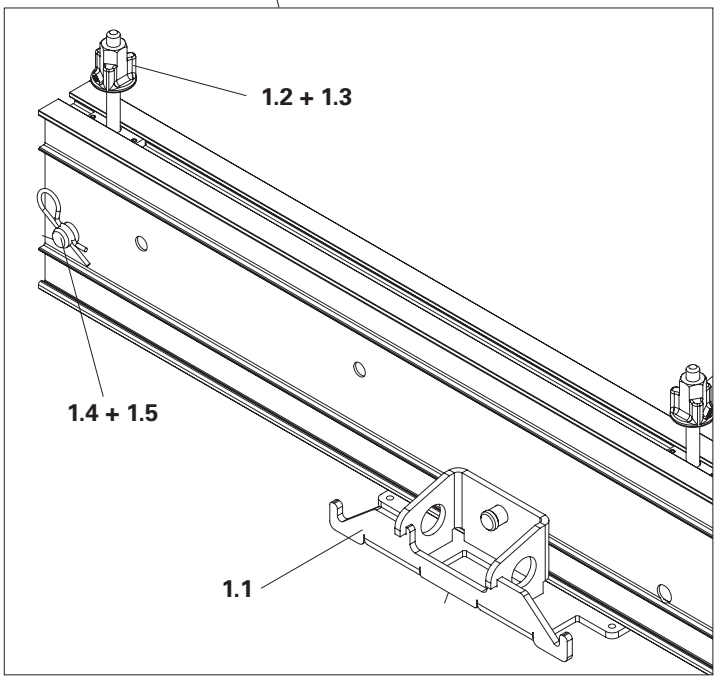


Fig. A1.01a

A2 External Beam SXT EB 200 R/L

The External Beam SXT EB 200 R/L (**2**) consists of
- aluminium profile,
- two integrated mounting support shoes (**2.1**) for bolting to the main beam,
- two clamps (**2.2 + 2.3**) for panel mounting,
  galvanised fixed,
  sherardised moveable.

!

After mounting the external beams to the main beams, make sure that the clamps (**2.2/2.3**), each with the same coating, are pointing in the same direction.

2.1	Mounting support shoe
2.2	Steel clamps (fixed)
2.3	Steel clamps (moveable)
2.4	Filler pins Ø 16 x 42 galv.
2.5	Cotter pins 4/1

External Beam SXT EB 200 L

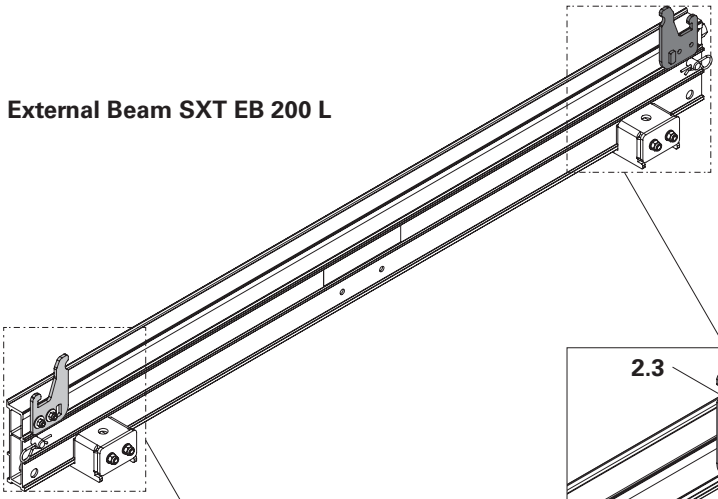


Fig. A2.01

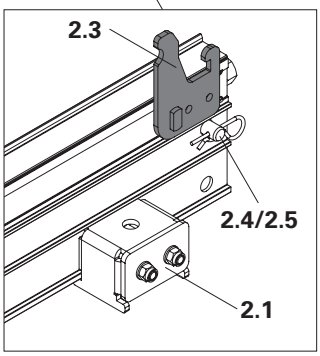


Fig. A2.01a

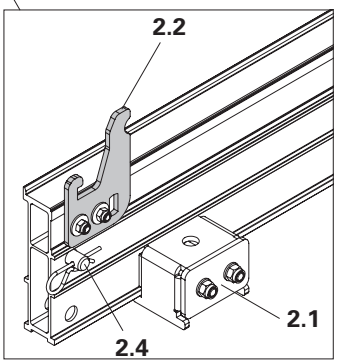


Fig. A2.01b

External Beam SXT EB 200 R

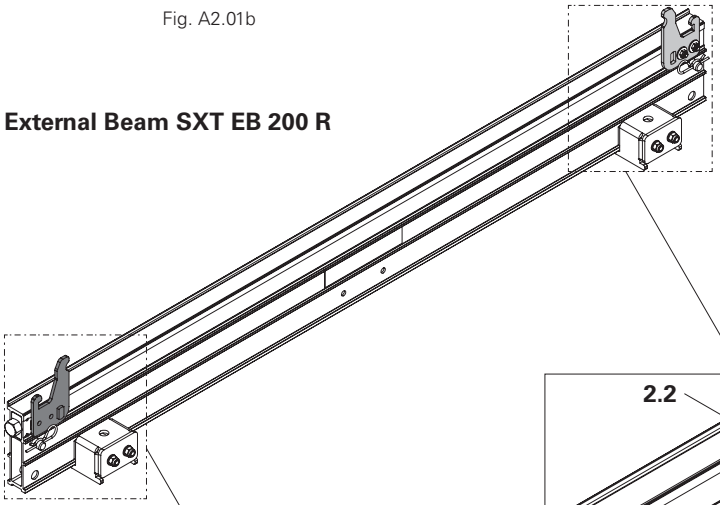


Fig. A2.02

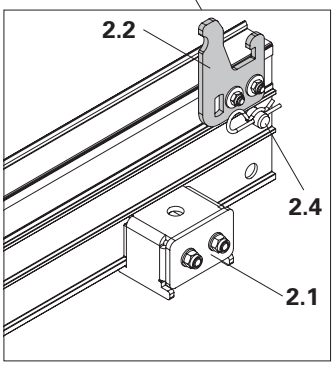


Fig. A2.02b

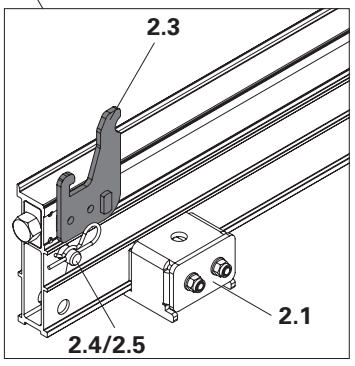


Fig. A2.02a

A3 External Beam SXT EB 400

The External Beam SXT EB 400 (**3**) consists of:
– aluminium profile,
– four integrated mounting support shoes (**3.1 + 3.2**) for screwing to main beam,
– a central limit stop lug (**3.4**) for Panels 200 x 100 SXP P,
– two limit stop lugs, external (**3.5**) for Panels 100 x 100 SXP P and Column Frames SXP CF T2,
– two moveable clamps (**3.3**).

- Regulating position of mounting support shoe, external (**3.1**): Slab table is in the bay or flush with the slab edge.
- Mounting support shoe, internal (**3.2**), slab table protrudes beyond the slab edge, e.g. for edge formwork.

!

Only allowed to be recessed on one side.

3.1	Mounting support shoe, external
3.2	Mounting support shoe, internal
3.3	Steel clamps (moveable)
3.4	Limit stop lug, central
3.5	Limit stop lug, external
3.6	Filler pins Ø 16 x 42 galv.
3.7	Cotter pins 4/1

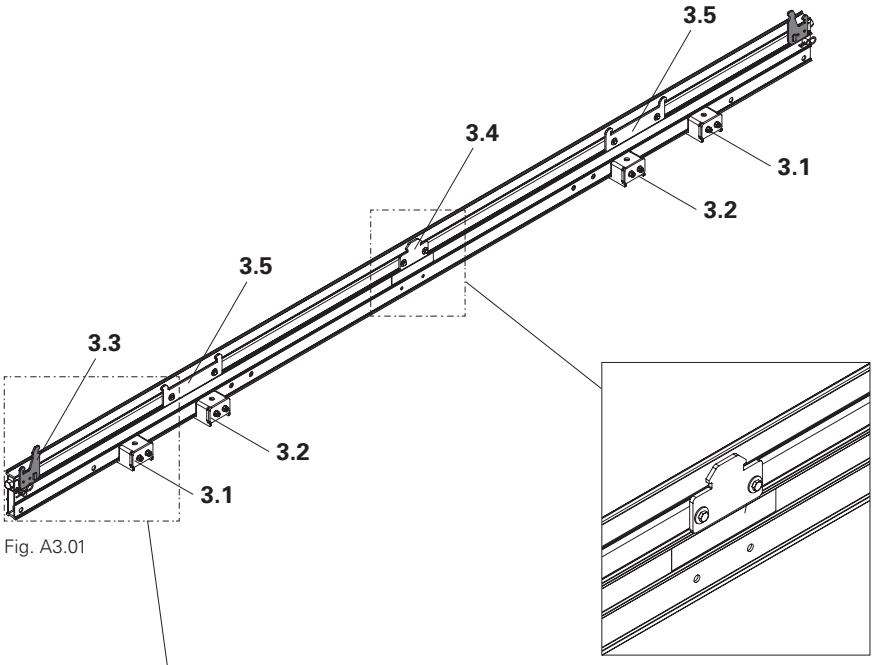


Fig. A3.01

Fig. A3.01b

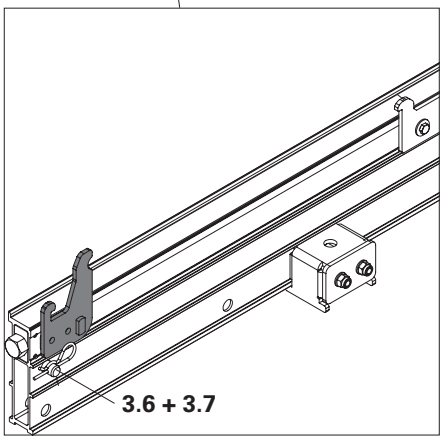


Fig. A3.01a

A4 Double Beam SXT DB 200/400

The Double Beam SXT DB 200 (**4**) consists of aluminium profiles with integrated fixed and moveable steel clamps.

4.1 Steel clamps (moveable)
4.2 Steel clamps (fixed)
4.3 Mounting support shoe (not shown)
4.4 Bracing bolt

Double Beam SXT DB 200

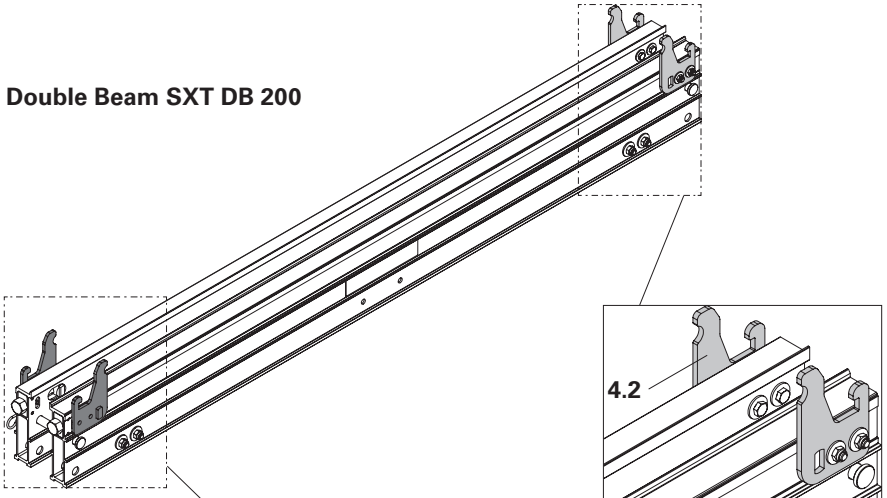


Fig. A4.01

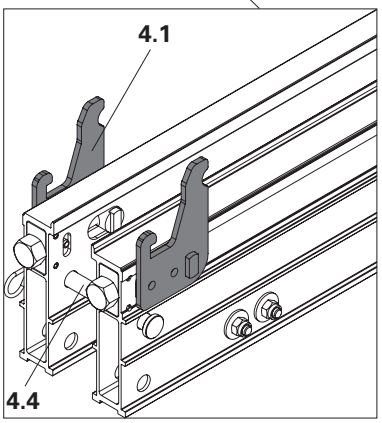


Fig. A4.01a

Fig. A4.01b

The Double Beam SXT DB 400 (**5**) consists of aluminium profiles with integrated moveable steel clamps, a central limit stop lug for panels and two external limit stop lugs for mounting the 1 x 1 m panel and the column frame.

5.1 Steel clamps (moveable)
5.2 Mounting support shoe
5.3 Bracing bolt
5.4 Limit stop lug, central
5.5 Limit stop lug, external

Double Beam SXT DB 400

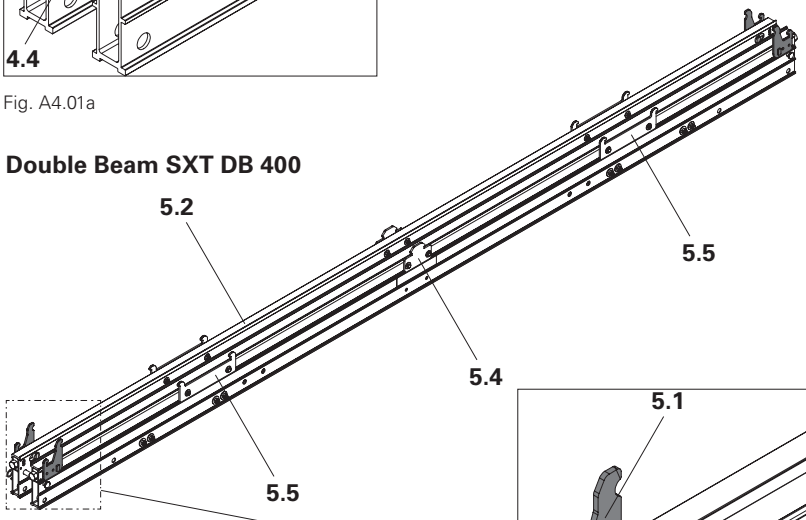


Fig. A4.02

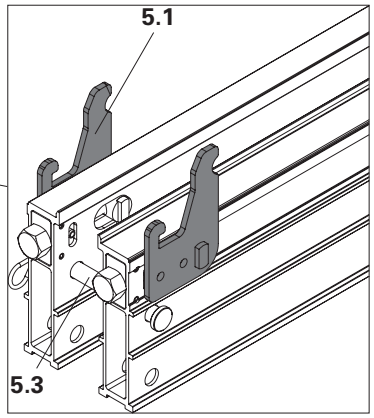


Fig. A4.02a

A5 Compensation Bracket SXT COB

The Compensation Bracket SXT COB (**6**) is a steel adapter and is used to release filler areas between two tables.

6.1 Rubber strip
6.2 Squared timber mounting
6.3 Nail holes

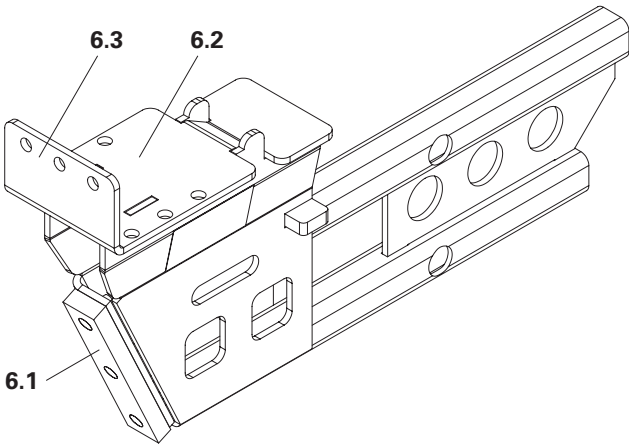


Fig. A5.01

A6 Table Connector SXT TC

The Table Connector SXT TC (**17**) is used to connect two tables in both transverse and longitudinal directions. By screwing the central block of the table connector, the gaps between the tables can be closed completely.

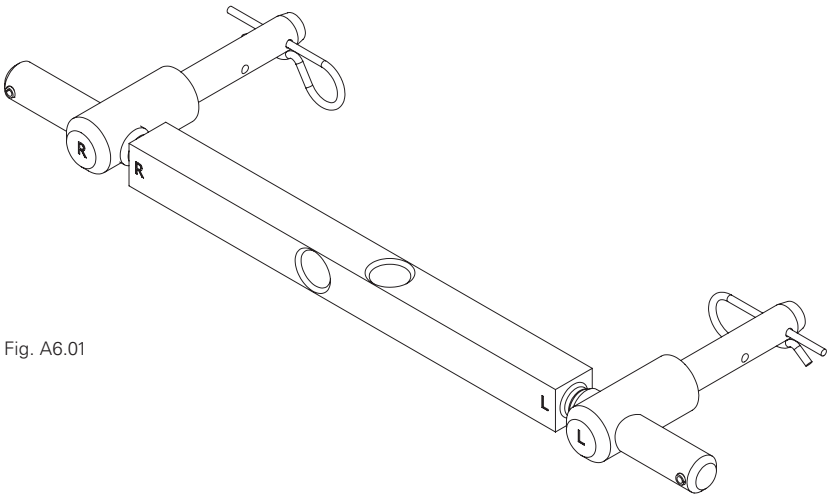


Fig. A6.01

A7 Transport Support SXT TS

The Transport Support SXT TS (**18**) is a powder-coated steel support for a table lift/table striking and transportation trolley and is used for the safe transport of the large slab tables 6 x 4 m and 4 x 4 m in transverse direction.

18.1 Rubber strip
18.2 Fixing bolts
18.3 Cotter pin
18.4 Transport opening
18.5 Pin

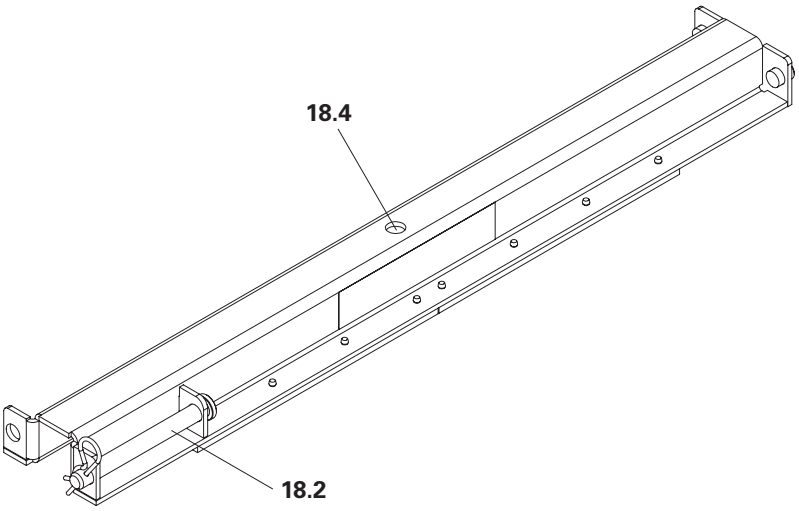


Fig. A7.01

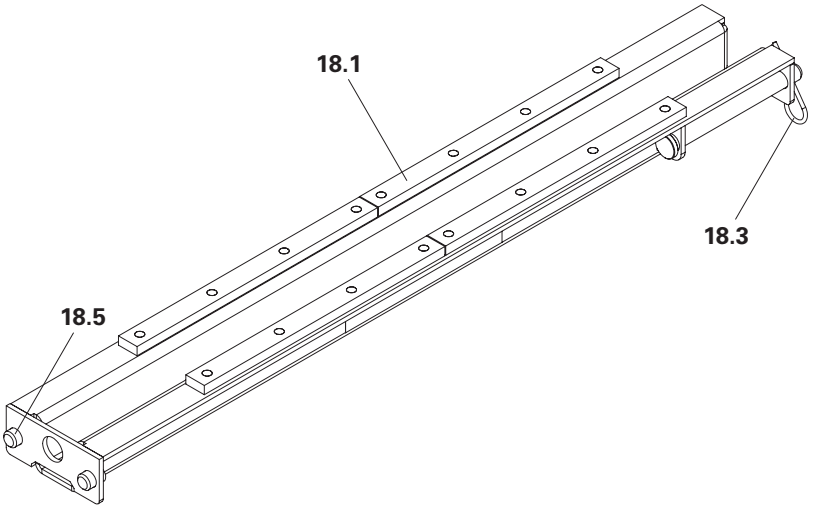


Fig. A7.02

B1 General dimensions

Table sizes

A:
Slab Table 200 x 400 SXT

B:
Slab Table 400 x 400 SXT

C:
Slab Table 200 x 600 SXT

D:
Slab Table 400 x 600 SXT

	Slab Tables			
	A	**B**	**C**	**D**
B_T	172 cm	372 cm	172 cm	372 cm
B_S	200 cm	400 cm	200 cm	400 cm
L_S	400 cm	400 cm	600 cm	600 cm
L_T	396 cm	396 cm	596 cm	596 cm

B_T= girder width
B_S= formlining width (table)
L_S= formlining length (table)
L_T= girder length

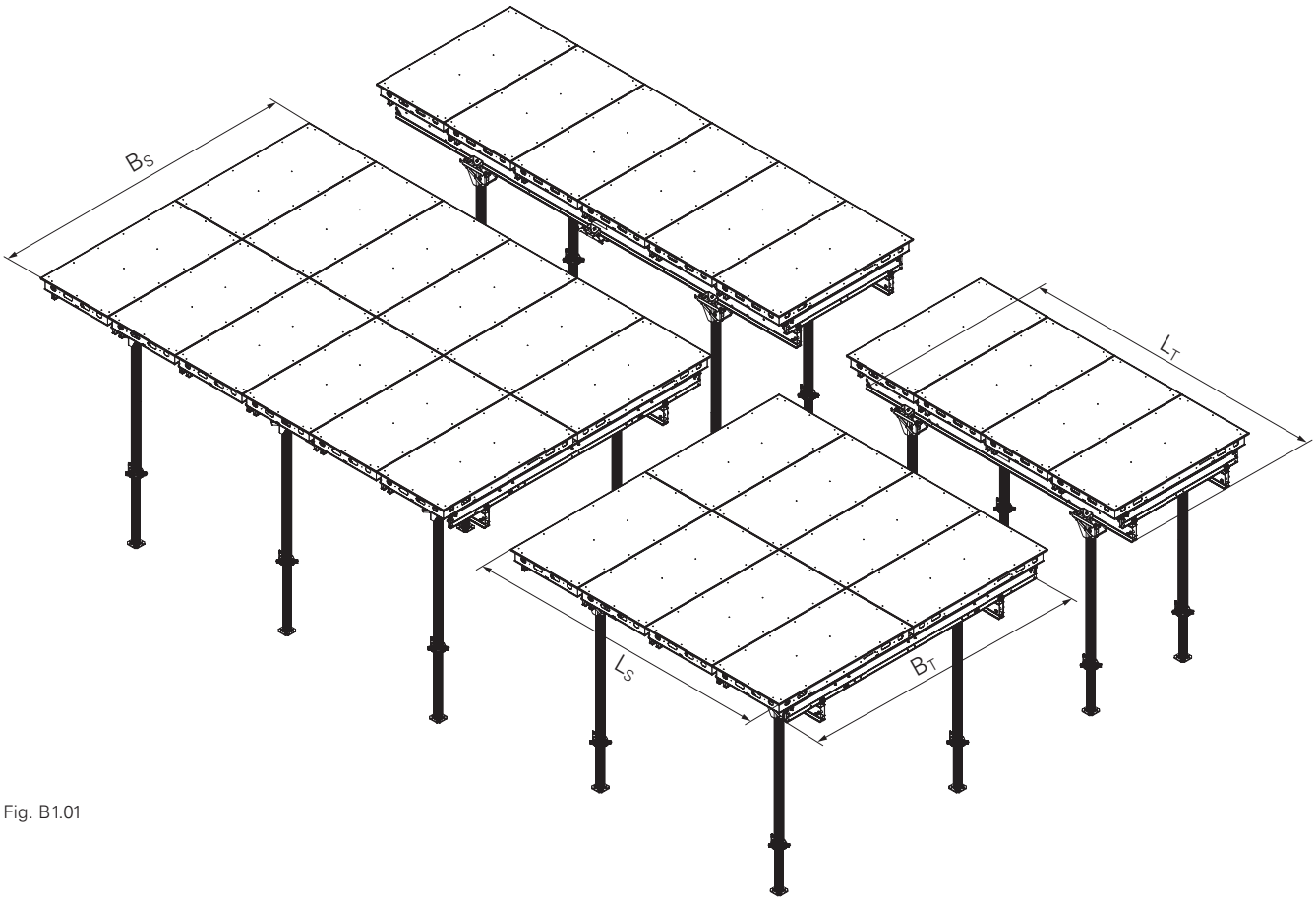


Fig. B1.01

B2 Dimensions of slab table 400 x 200

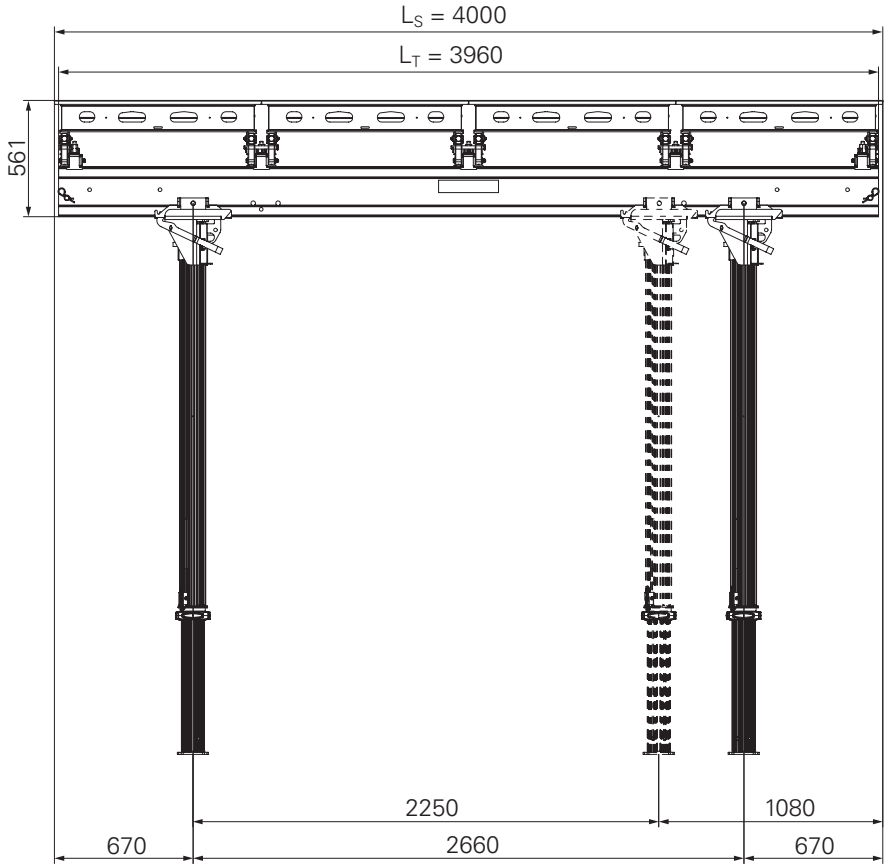


Fig. B2.01

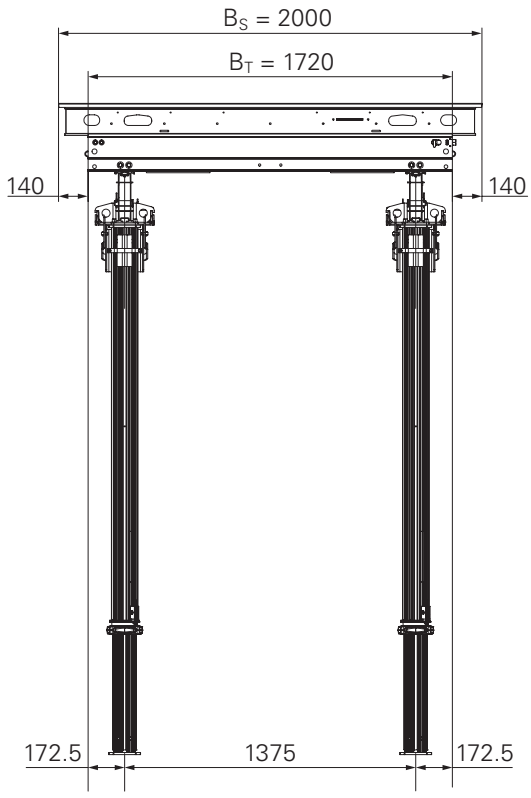


Fig. B2.02

B3 Dimensions of slab table 600 x 400

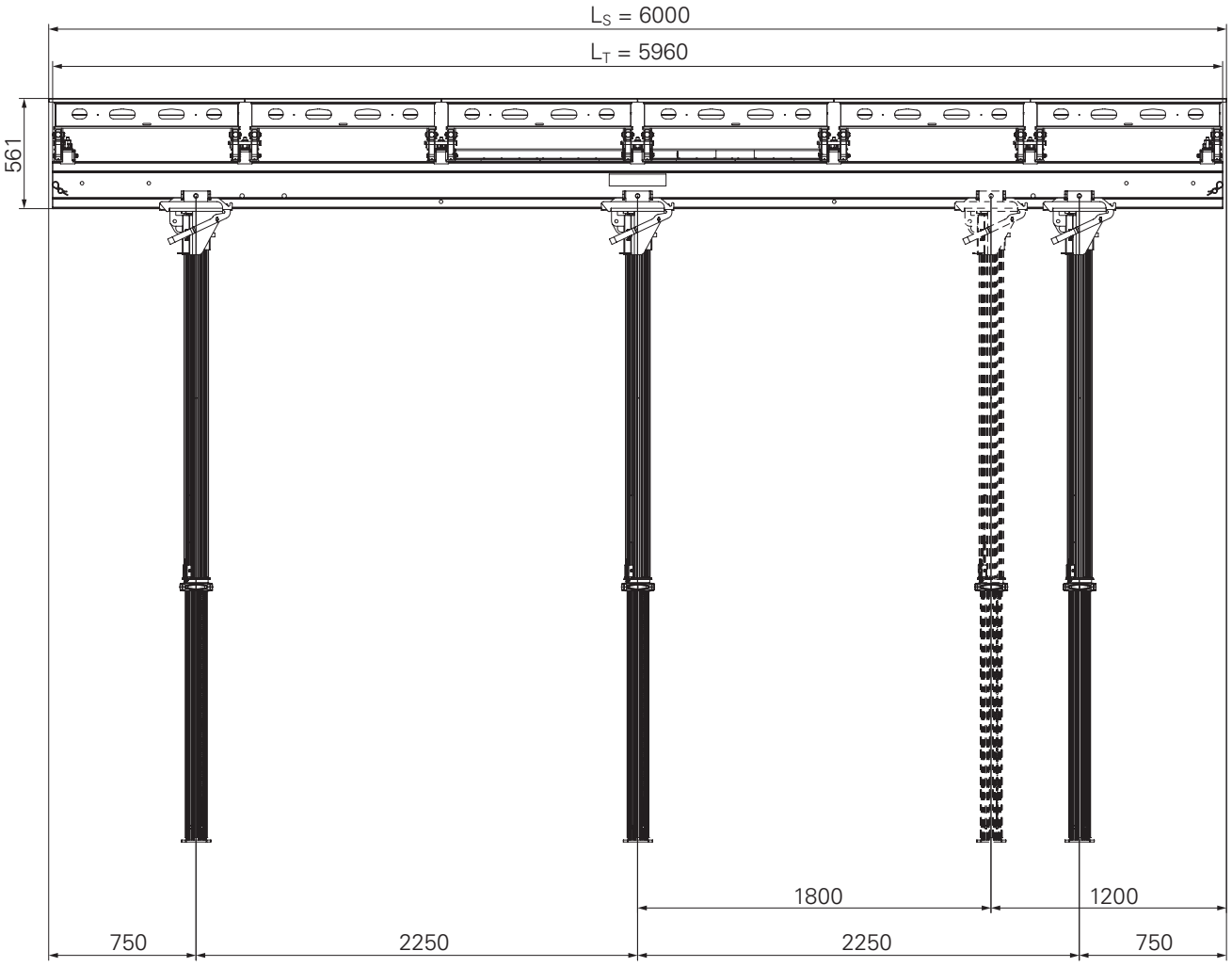


Fig. B3.01

B3 Dimensions of slab table 600 x 400

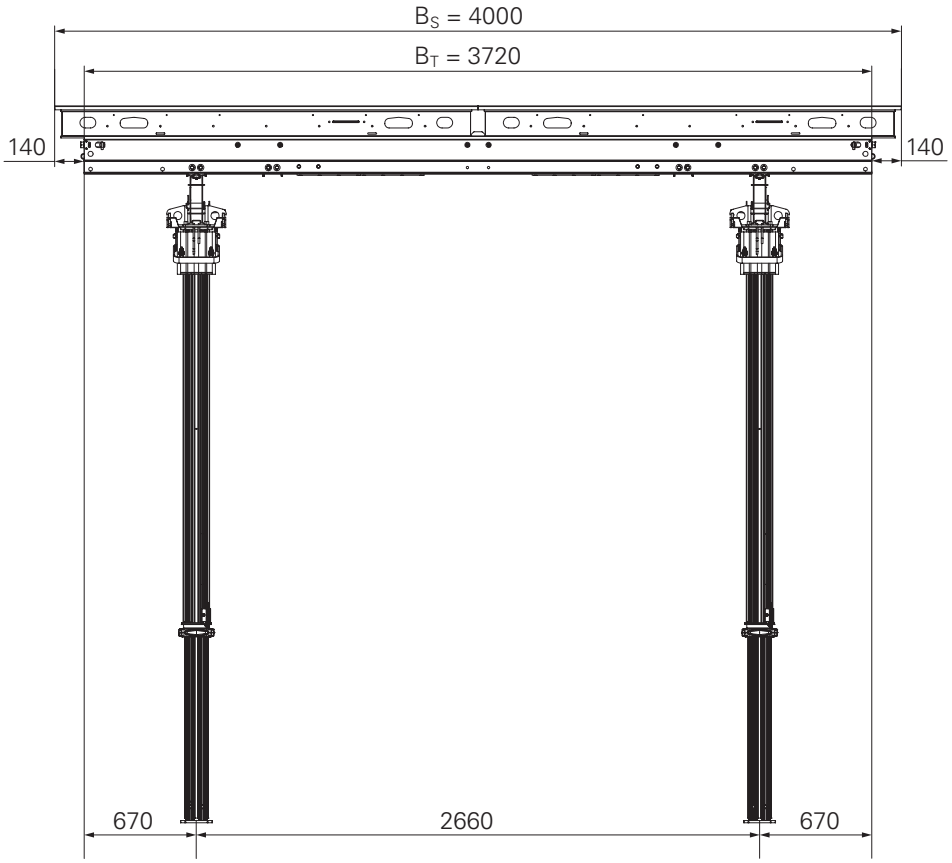


Fig. B3.02

C1 Assembly of slab table 400 x 600

Assembly of slab table 400 x 600

1. Place two Main Beams SXT MB 600 (**1**) on squared timbers at a distance of approx. 266 cm. Create a secure substrate with wooden beams so that lifting or moving can be guaranteed. (Fig. C1.01)
2. Connect the two Main Beams SXT MB 600 (**1**) with two External Beams SXT EB 400 (**3**). Fix the beams with Fixing Bolt DW 15 (**1.2**) and Cam Nut DW 15 (**1.3**). (Fig. C1.02 + Fig. C1.02a)

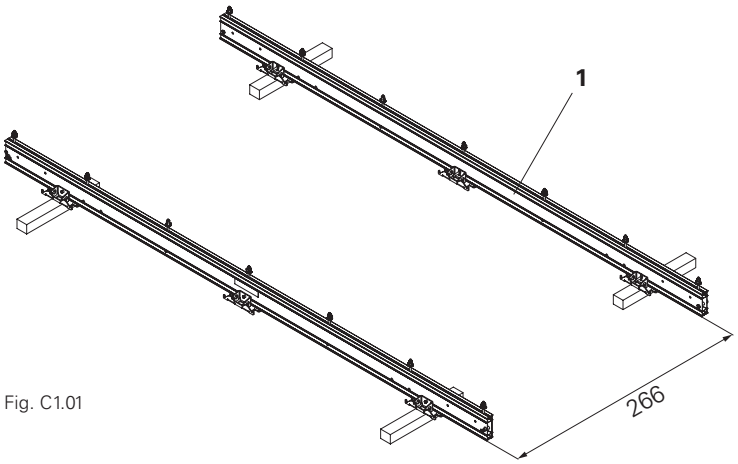


Fig. C1.01

A power screwdriver with the following accessories must be used for screwing:

- Power screwdriver socket AF 27 and
- Extension 1/2" 125 mm.

Alternatively:

- Ratchet spanner with socket AF 27 and
- Extension 1/2" 125 mm.

Before fixing the external and double beams, be sure to check and maintain diagonal X and Y. See table (Tab. C1.01).

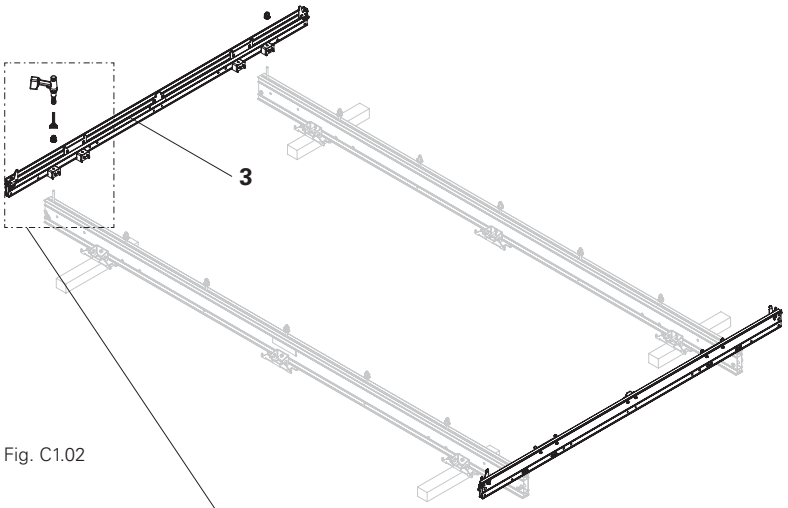


Fig. C1.02

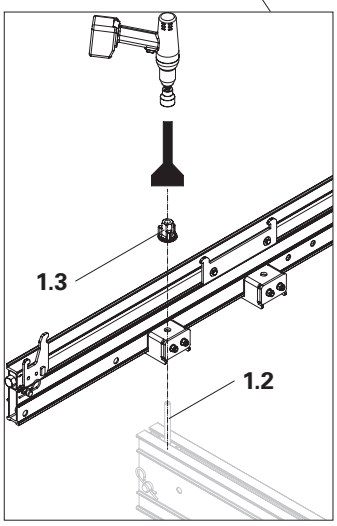


Fig. C1.02a

C1 Assembly of slab table 400 x 600

3. Place five
Double Beams SXT DB 400 (**5**) on the Fixing Bolts DW 15 (**1.2**) of the Main Beams SXT MB 600 (**1**) and lightly screw on the
Cam Nuts DW 15 (**1.3**). Only when the Transport Supports SXT TS have been fitted can the Cam Nuts DW 15 be tightened firmly with the power screwdriver. (See point 4)
The Double Beams SXT DB 400 (**5**) and Outer Beams SXT EB 400 (**3**) later serve as support for the
Panels 200 x 100 SXP P or
Panel 100 x 100 SXP P or column frames. (Fig. C1.03)

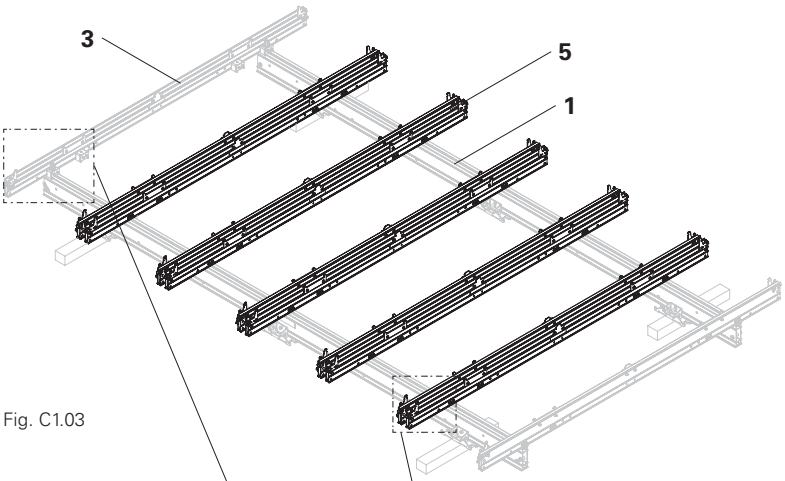


Fig. C1.03

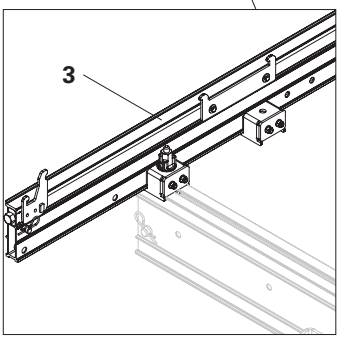


Fig. C1.03a

Panel clamp retracted

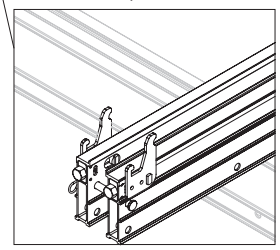


Fig. C1.03b

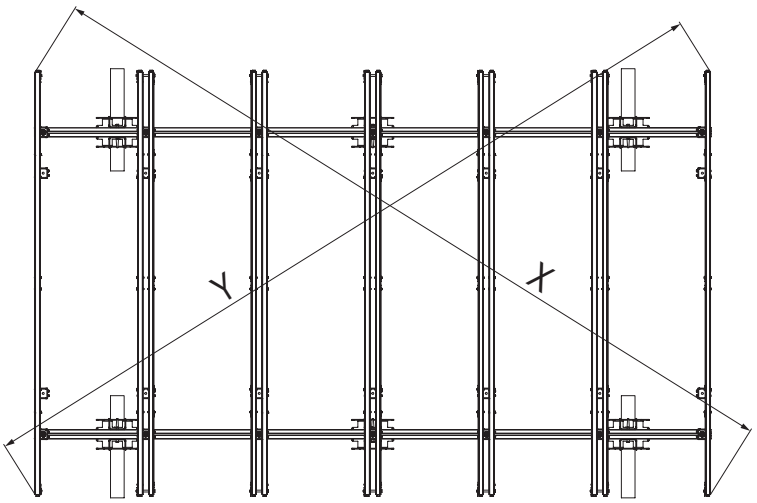


Fig. C1.04

Slab Table	X [in cm]	Y [in cm]
DT 200 x 400	431	431
DT 400 x 400	543	543
DT 200 x 600	619	619
DT 400 x 600	702	702

Tab. C1.01

C1 Assembly of slab table 400 x 600

The Cam Nuts DW 15 on the double beams must not be tightened too tightly.

Assembly of the four Transport Supports SXT TS

1. Bring the Transport Supports SXT TS (**18**) into position.
2. Make sure that the pins (**18.5**) are swivelled laterally into the holes of the double beams. (Fig. C1.05 + Fig. C1.06)
3. Hold the Transport Supports SXT TS (**18**) in position and do not push the fixing bolt (**18.2**) all the way through. (Fig. C1.07 + Fig. C1.08)
4. Fit the second Transport Support SXT TS (**18**) in the same order and then push the existing fixing bolt (**18.2**) all the way through and fix it with a cotter pin. (Fig. C1.09 + Fig. C1.10 + Fig. C1.11)
5. Fit the second positioning pin and secure it with a cotter pin. (Fig. C1.12 + Fig. C1.13)
6. Mount the remaining transport supports in the same way. (Fig. C1.14)

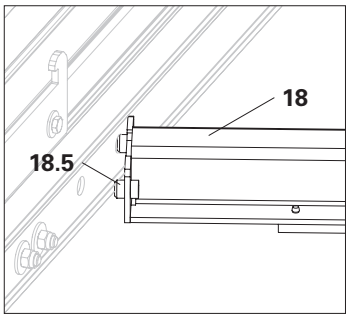


Fig. C1.05

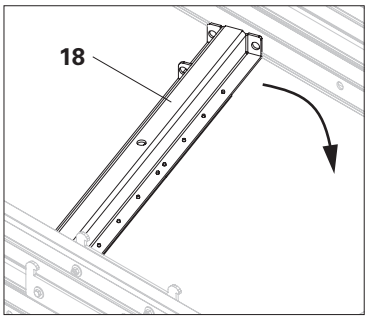


Fig. C1.06

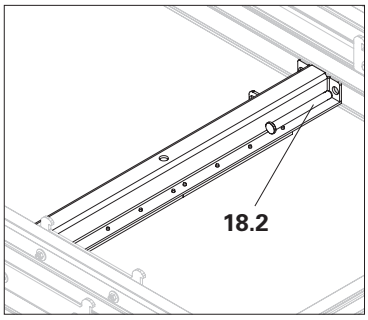


Fig. C1.07

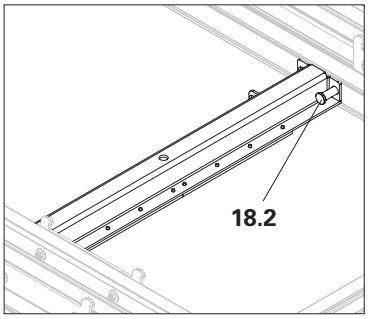


Fig. C1.08

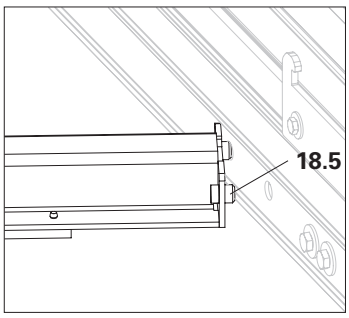


Fig. C1.09

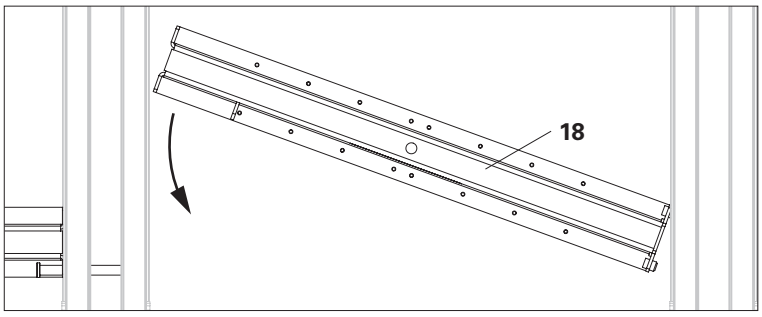


Fig. C1.10

C1 Assembly of slab table 400 x 600

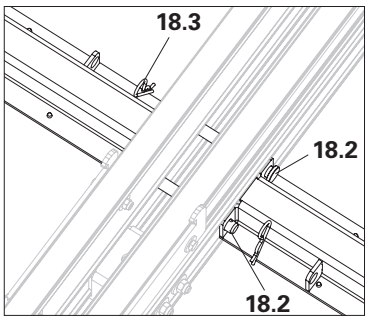


Fig. C1.11

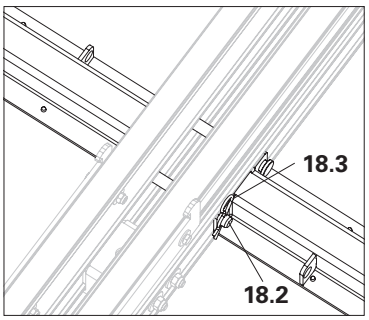


Fig. C1.12

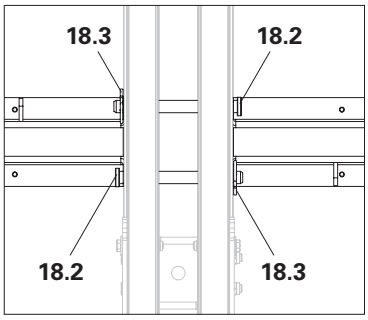


Fig. C1.13

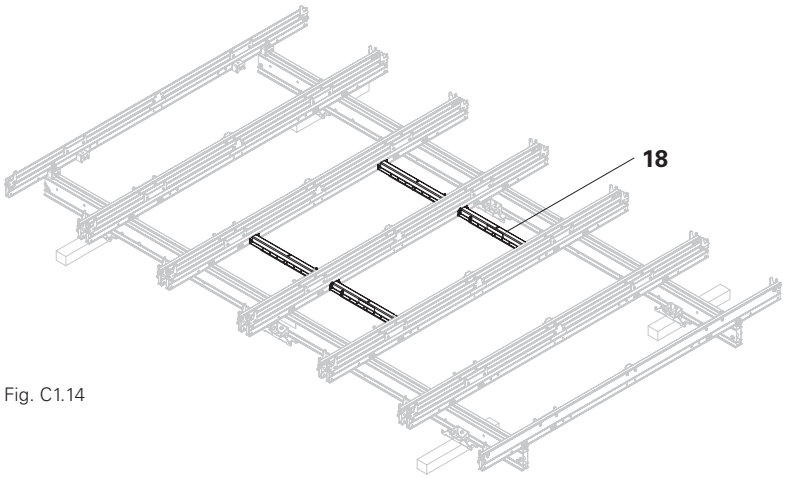


Fig. C1.14

C1 Assembly of slab table 400 x 600

Continue with assembly of slab table 400 x 600

4. Tighten the Cam Nuts DW 15 on the double beams with a power screwdriver.
5. The panel clamps must be extended on both the Double Beams SXT DB 400 (**5**) and the Outer Beams SXT EB 400 (**3**) in order to be able to insert the Panels 200 x 100 SXP P (**7**).
6. Insert the Panels 200 x 100 SXP P (**7**) centrally. (Fig. C1.15 + Fig. C1.15a + Fig. C1.15b)

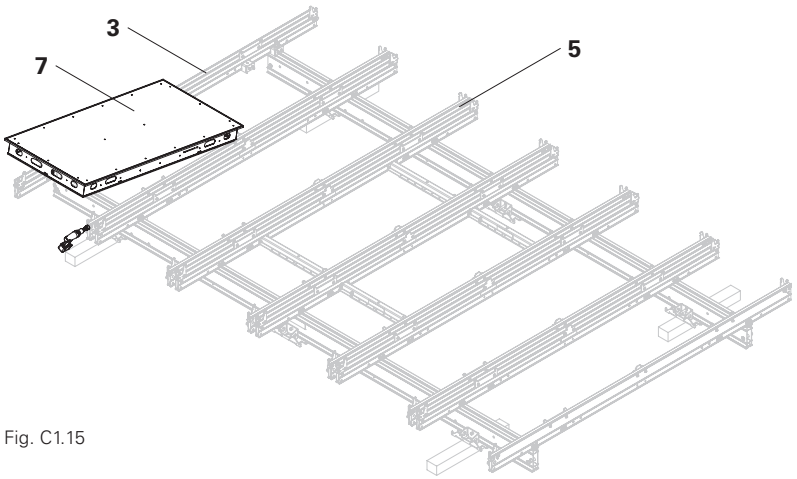


Fig. C1.15

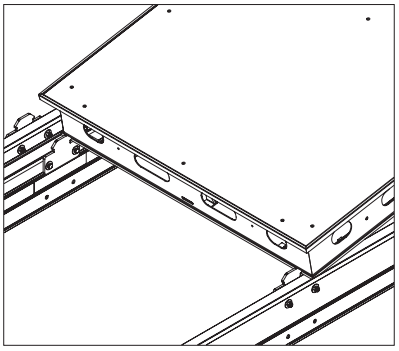


Fig. C1.15a

Panel clamp extended

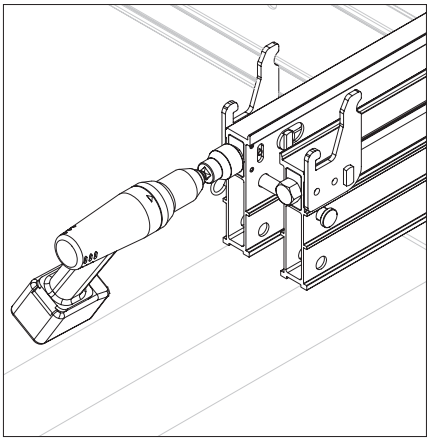


Fig. C1.15b

7. The panel clamps must be retracted on both the Double Beams SXT DB 400 (**5**) and the Outer Beams SXT EB 400 (**3**) to fix the Panels 200 x 100 SXP P (**7**). (Fig. C1.16 + Fig. C1.16a)

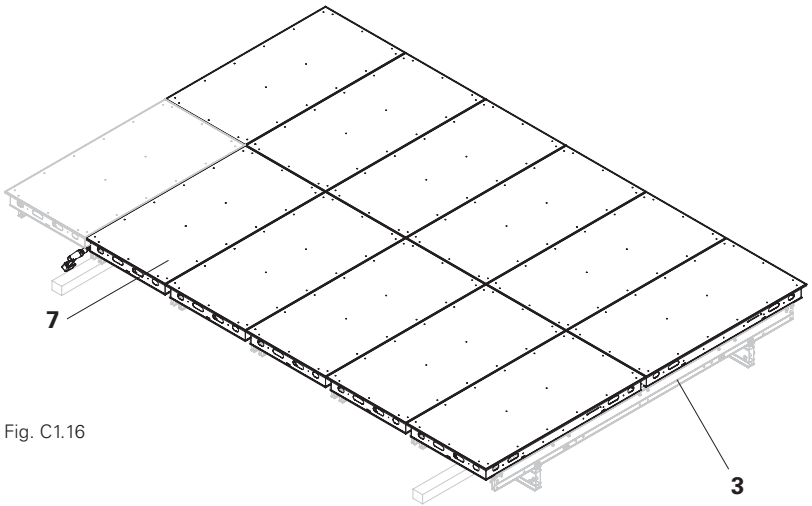


Fig. C1.16

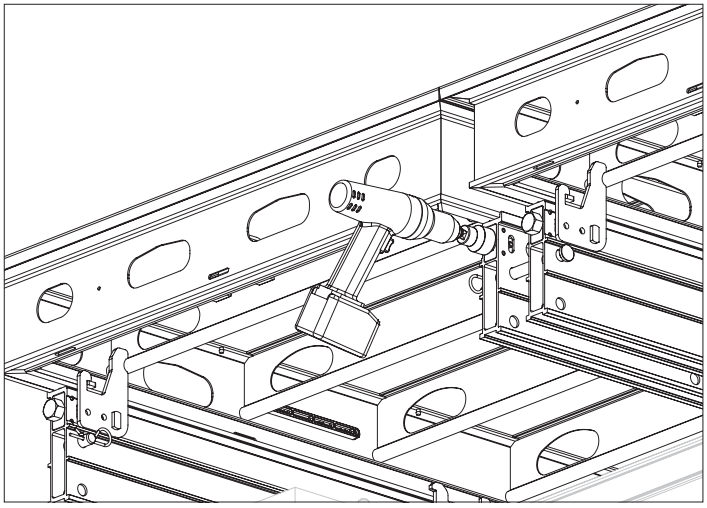


Fig. C1.16a

C1 Assembly of slab table 400 x 600

Solution for columns

Only possible with 4-metre-wide tables.

Insert the Panel 100 x 100 SXP P (**8**) on the inside, then mount the Column Frame SXP CF T2 (**9**) for column filler areas on the outside and fix with the panel clamps. Install Panel 100 x 100 SXP P and Column Frame SXP CF T2 (**9**) in the same way as Panels 200 x 100 SXP P. The Panel 100 x 100 SXP P (**8**) is automatically fixed when the column frame is fixed. (Fig. C1.17 + Fig. C1.17a + Fig. C1.18 + Fig. C1.19 + Fig. C1.19a + Fig. C1.15b)

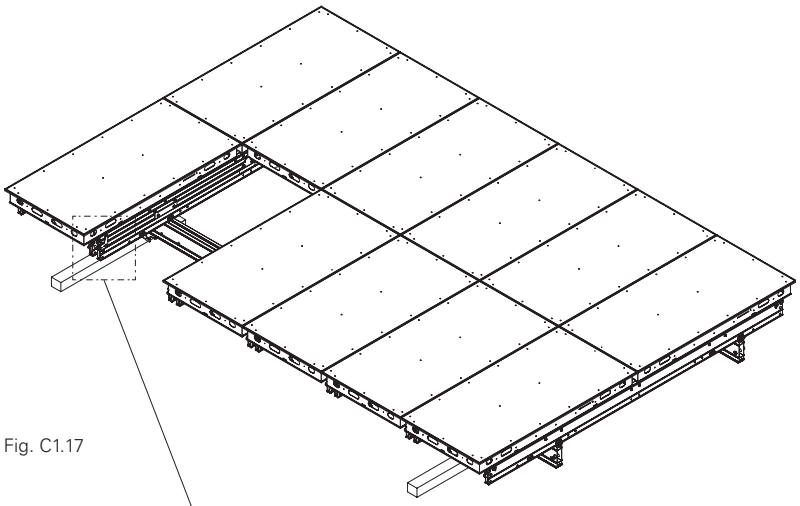


Fig. C1.17

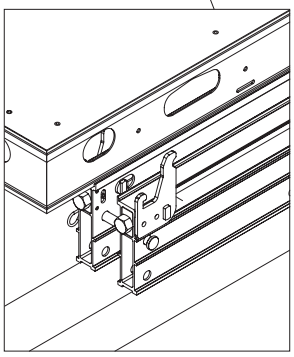


Fig. C1.17a

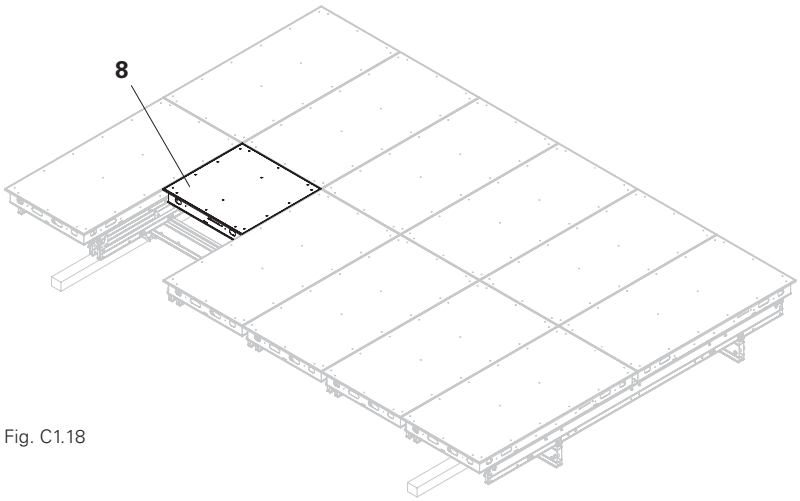


Fig. C1.18

C1 Assembly of slab table 400 x 600

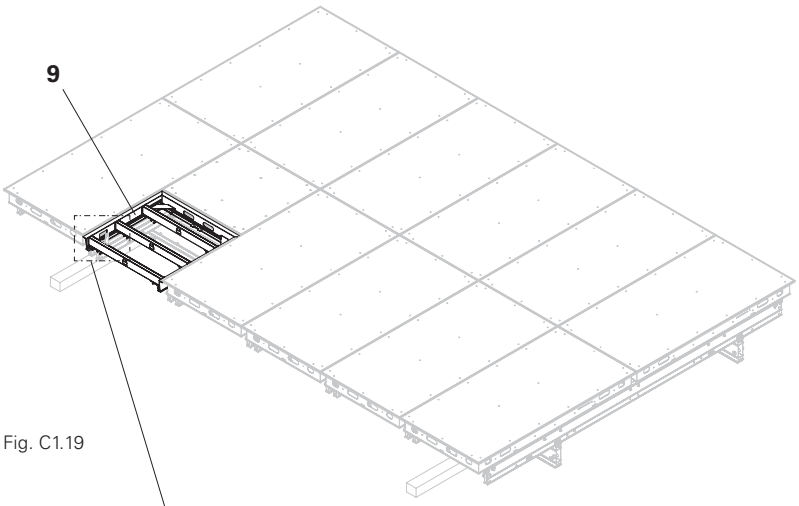


Fig. C1.19

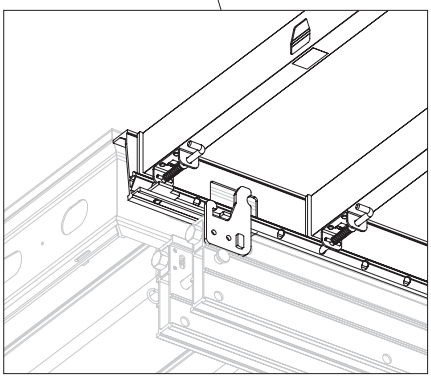


Fig. C1.19a

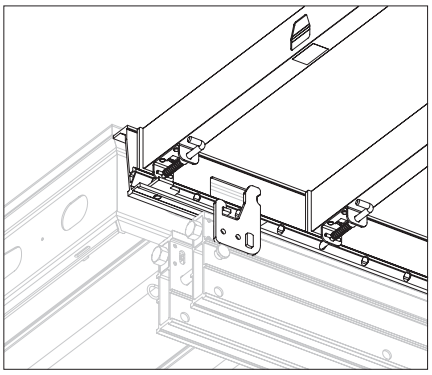


Fig. C1.19b

Move finished slab table and mount props

7. Example A: Lift the assembled table off the squared timbers with lifting fork 1.75 t. (Fig. C1.20)
   Example B: Lift the assembled table off the squared timbers with textile round slings (slack) (**Z**). Load capacity per crane sling min. 1 tonne. (Fig. C1.21 + Fig. C1.21a)

!

Do not use 4-sling lifting gear (chain), as the individual elements may be damaged when the slab table is lifted.

Example A

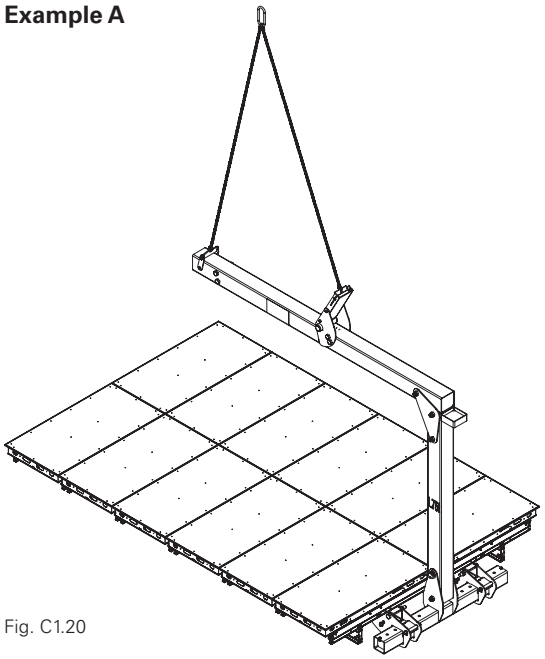


Fig. C1.20

Example B

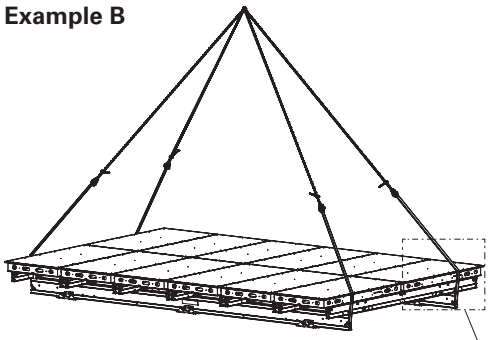


Fig. C1.21

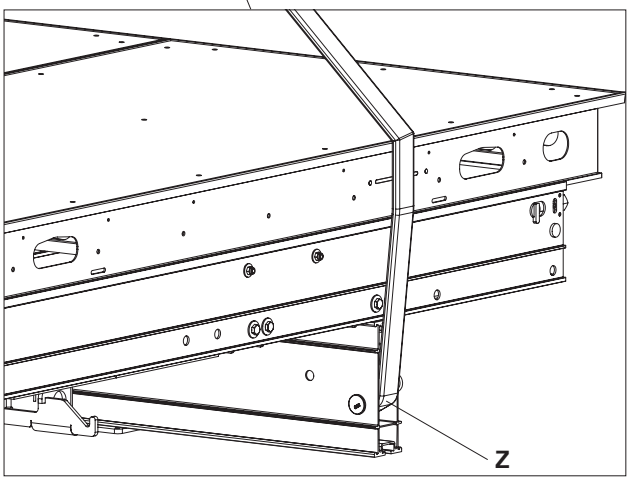


Fig. C1.21a

Observe the instructions for use for the Table Lifting Fork 1.75 t.

8. In the raised position, the MULTIPROP MP can now be mounted with one Table Head Lower Part VD each. Observe the pivoting direction of the props for the repositioning process. Optionally, MULTIPROP Frames MPK can be fitted between the props.

Adjustment of slab props
Clear slab height: X.
Extension length of slab prop: X – 56 cm

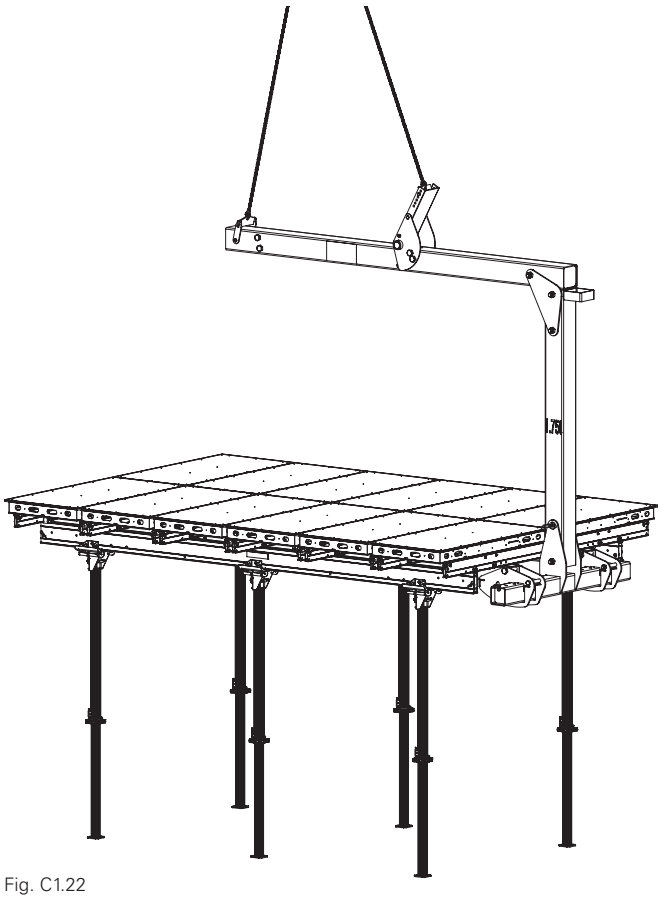


Fig. C1.22

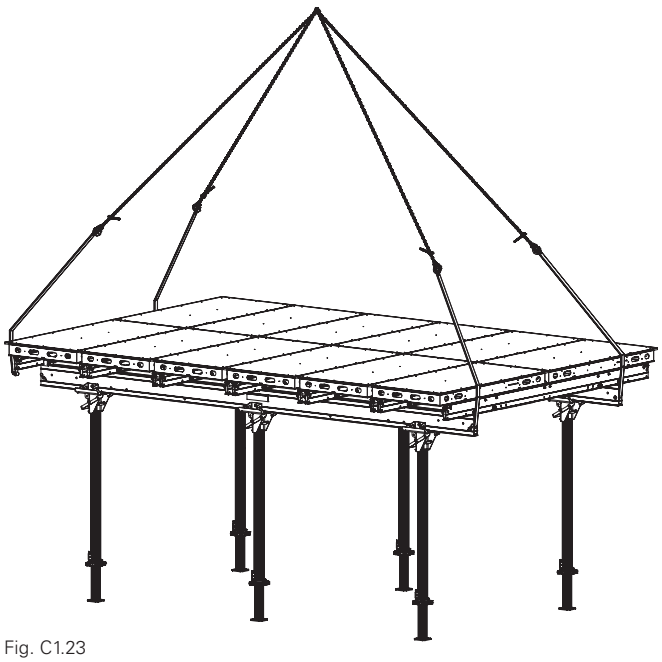


Fig. C1.23

C1 Assembly of slab table 400 x 600

Assembly of Table Head Lower Part VD

- Do not exceed the permissible load capacity of 56 kN.
- Transfer existing loads by means of sufficiently load-bearing props.

- The prop end plate must lie flat against the housing plate.
- Secure long props to prevent them from falling over.
- Suitable for props Ø 57 cm to 100 cm.

Assembly

1. Adjust the prop length on the MULTIPROP MP (**11**).
2. Loosen nuts (**10.1**) and remove mounting bracket (**10.2**).
3. Place MULTIPROP MP (**11**) on housing plate.
4. Place the mounting bracket (**10.2**) on MULTIPROP MP (**11**).
5. Fasten mounting bracket (**10.2**) with nuts (**10.1**).

(Fig. C1.24 + Fig. C1.24a + Fig. C1.25)

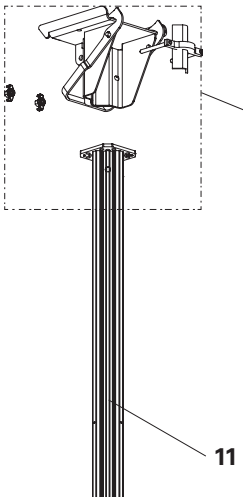


Fig. C1.24

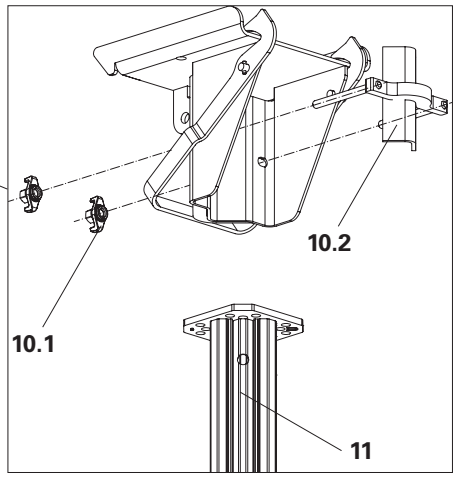


Fig. C1.24a

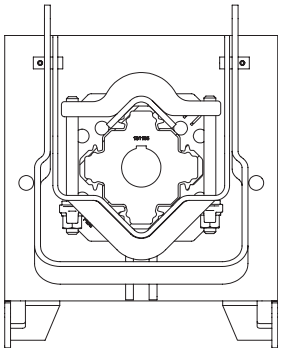


Fig. C1.25

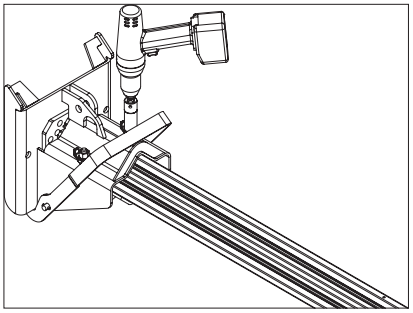


Fig. C1.26

C1 Assembly of slab table 400 x 600

- Assembly can also be carried out horizontally.
- Instead of the MULTIPROP MP, another prop up to Ø ≤ 100 can also be used.
- Fast assembly is possible with Power Screwdriver (art. no. 072150) and Pipe Socket Wrench AF 20-½" (art. no. 072200).
- To operate the prop adjusting nut ergonomically, depending on the height of the application, clamp the prop with the outer tube facing upwards.
- Clamping with the outer tube at the top usually guarantees a higher load-bearing capacity of the props, see Tables 2015 – Formwork and Shoring. The adjustment range is unrestricted.

Assembly of the props

- Keep clear of the pivoting range of the props.
- Do not work under suspended loads.

Observe the pivoting direction of the props for the repositioning process.

C1 Assembly of slab table 400 x 600

Assembly

1. Pick up or lift the slab table with a table lifting fork or table striking and transportation trolley or round slings that have a suitable load-bearing capacity.
2. Place the slab table on a stable auxiliary construction, e.g. table striking and transportation trolley 2 t.
3. Depending on the pivoting direction, mount MULTIPROP MP (**11**) with Table Head Lower Part VD (**10**) in the lugs (**10.4**) on the Table Head Centre Part VD (**12**).
4. Pivot MULTIPROP MP (**11**) into vertical position.
   → The safety clip (**10.3**) engages audibly on the Table Head Centre Part VD (**12**).

(Fig. C1.27 + Fig. C1.27a + Fig. C1.27b)

The securing bracket (**10.3**) must be engaged. If necessary, engage by hand. (Fig. C1.27b)

5. Repeat steps 3 and 4 on the remaining MULTIPROP MP (**11**).
6. Transport the slab table to the place of operation.

Observe the folding direction of the slab props. (Fig. C1.27b)

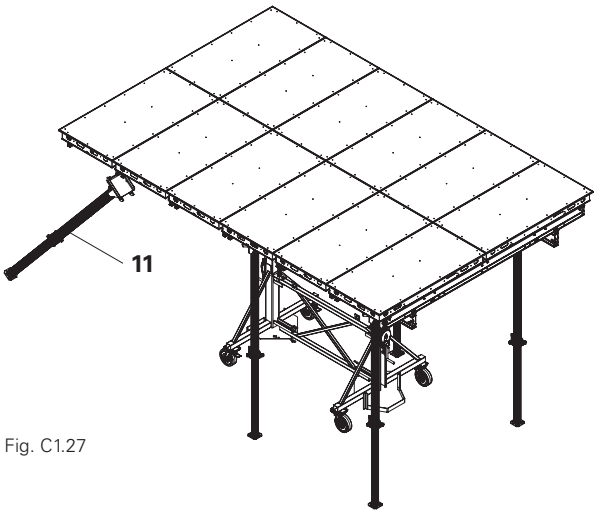


Fig. C1.27

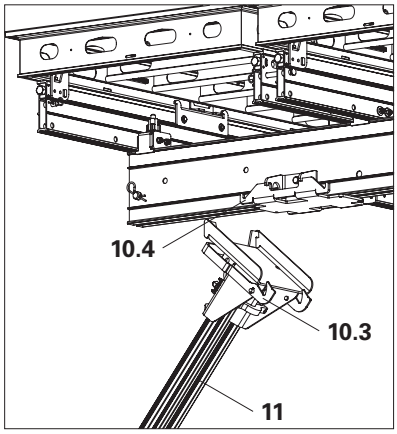


Fig. C1.27a

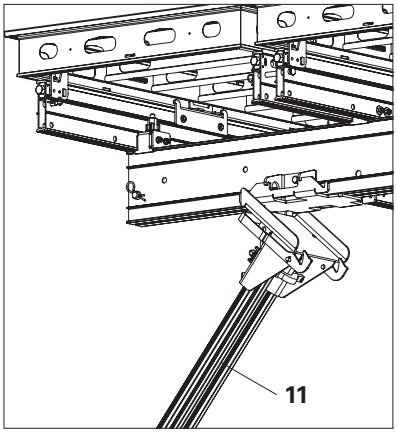


Fig. C1.27b

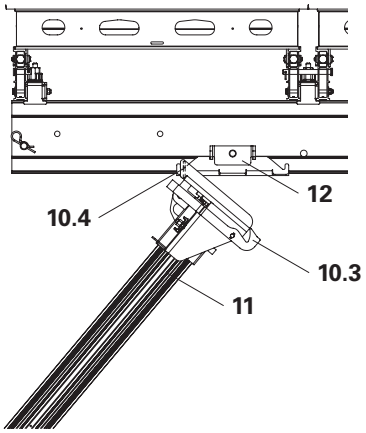


Fig. C1.27c

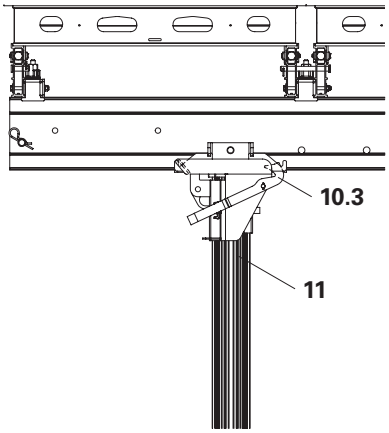


Fig. C1.27d

C2 Assembly of slab table 200 x 400

Assembly of slab table 200 x 400

1. Place two Main Beams SXT MB 400 (**1**) on squared timbers at a distance of approx. 137.5 cm. Create a secure substrate with wooden beams so that lifting or moving can be guaranteed. (Fig. C2.01)
2. Connect the two Main Beams SXT MB 400 (**1**) with an External Beam SXT EB 200 R (**2a**) and an External Beam SXT EB 200 L (**2b**).
   Fix the beams with Fixing Bolt DW 15 (**1.2**) and Cam Nut DW 15 (**1.3**). (Fig. C2.02)

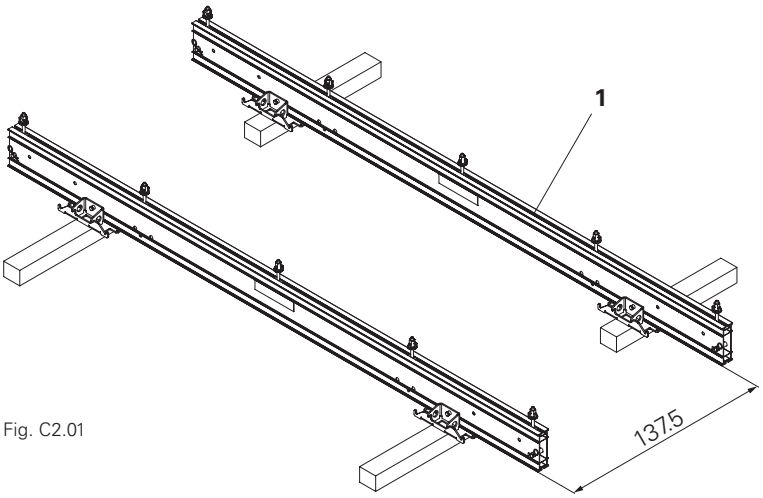


Fig. C2.01

A power screwdriver with the following accessories must be used for screwing:

- Power screwdriver socket AF 27 and
- Extension 1/2" 125 mm.

Alternatively:

- Ratchet spanner with socket AF 27 and
- Extension 1/2" 125 mm.

Before fixing the external and double beams, be sure to check and maintain diagonal X and Y. See Tab. C2.01.

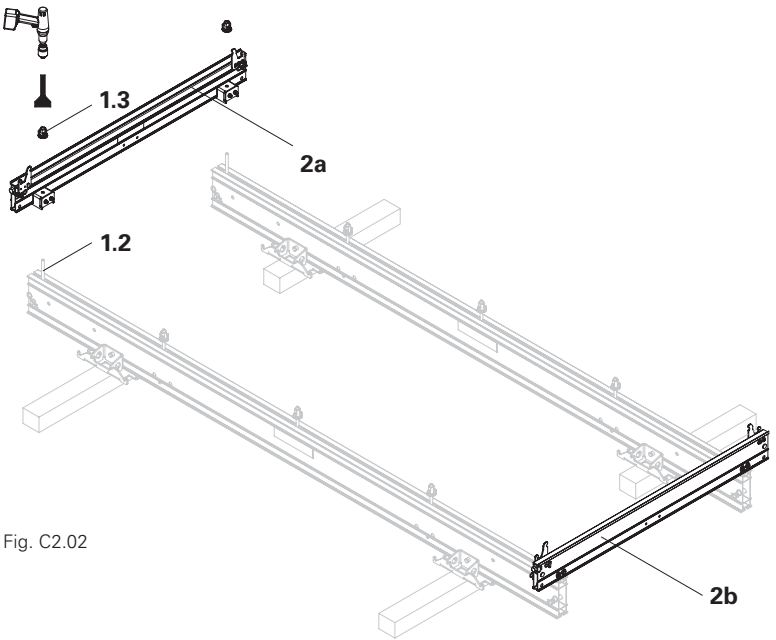


Fig. C2.02

3. Place three Double Beams SXT DB 200 (**4**) on the Fixing Bolts DW 15 (**1.2**) of the Main Beams SXT MB 400 (**1**) and fix them with Cam Nuts DW 15 (**1.3**). The Double Beams SXT DB 200 (**4**) and External Beams SXT EB 200 R/L later serve as support for the Panels 200x100 SXP P. (Fig. C2.03)

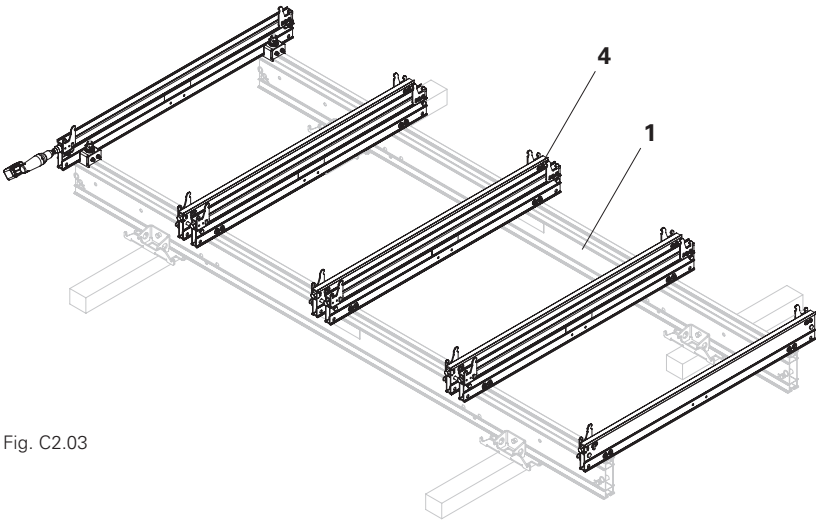


Fig. C2.03

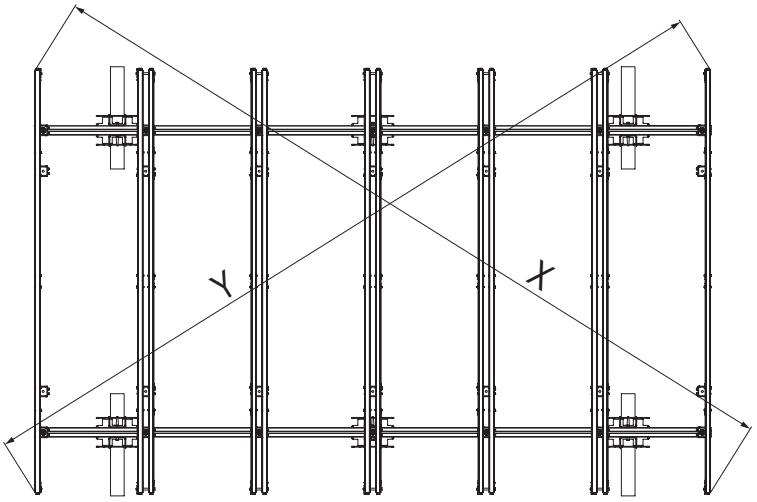


Fig. C2.04

Slab Table	X [in cm]	Y [in cm]
DT 200 x 400	431	431
DT 400 x 400	543	543
DT 200 x 600	619	619
DT 400 x 600	702	702

Tab. C2.01

C2 Assembly of slab table 200 x 400

4. The sherardised (grey) panel clamps must be extended on both the Double Beams SXT DB 200 (**4**) and the External Beams SXT EB 200 R/L (**2**) in order to be able to insert the Panels 200 x 100 SXP P (**7**).
   The galvanised (silver) panel clamps are fixed and act as a stop for the panels.
   (Fig. C2.05 + Fig. C2.05a + Fig. C2.05b)

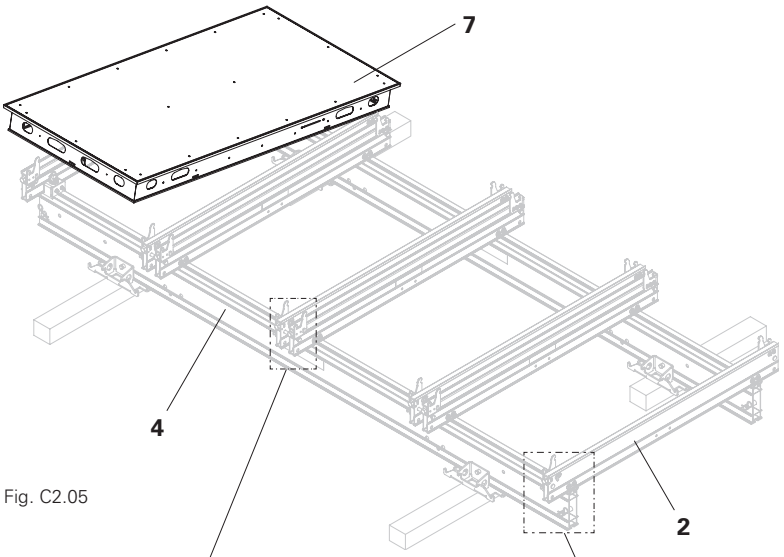


Fig. C2.05

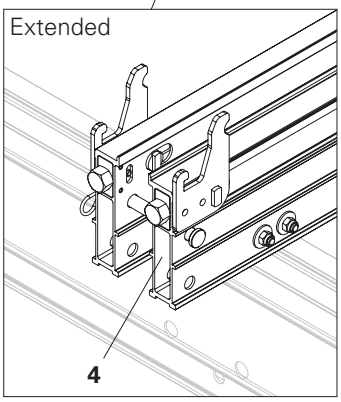


Fig. C2.05a

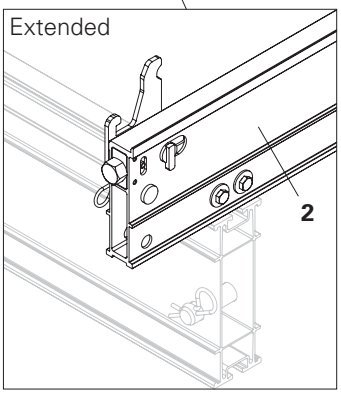


Fig. C2.05b

5. The sherardised (grey) panel clamps must be retracted on both the Double Beams SXT DB 200 (**4**) and the External Beams SXT EB 200 R/L (**2**) to fix the Panels 200 x 100 SXP P (**7**).
(Fig. C2.06 + Fig. C2.06a + Fig. C2.06b + Fig. C2.06c)

Move finished slab table and mount props

To move the finished slab table and mount the props, see section "Move finished slab table and mount props" on page 32.

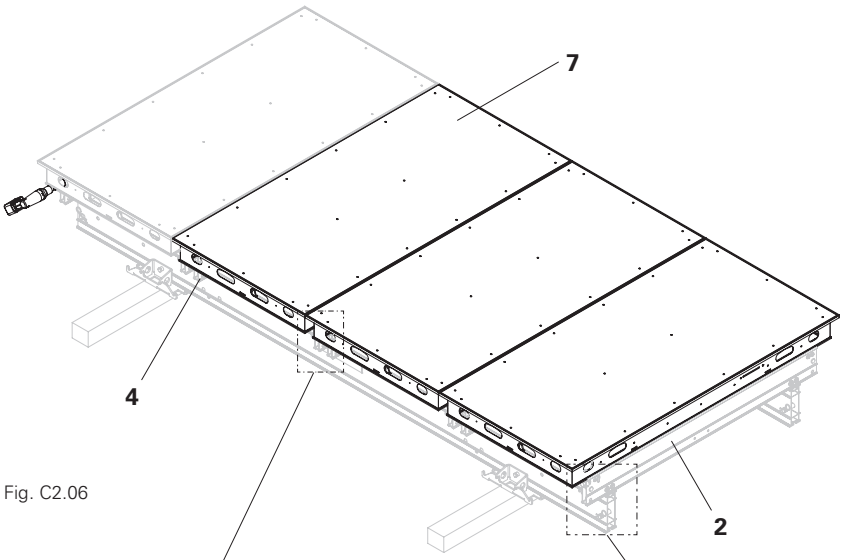


Fig. C2.06

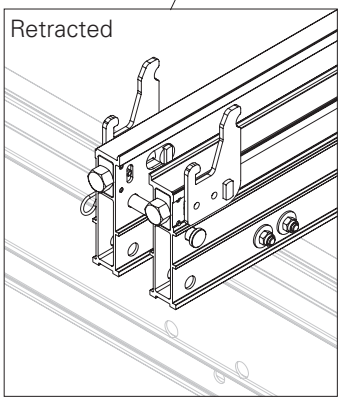


Fig. C2.06a

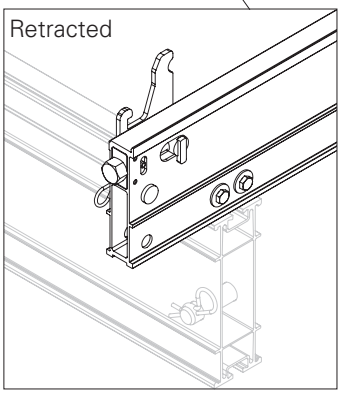


Fig. C2.06b

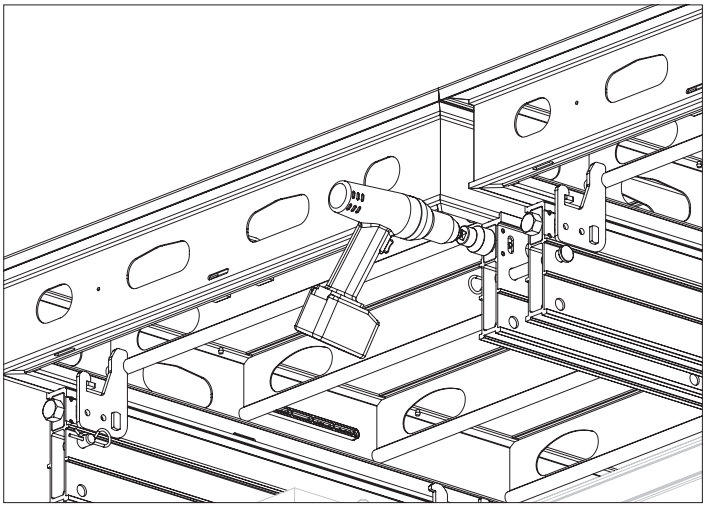


Fig. C2.06c

Parts list for slab table variant				
Component/slab table variant	**Slab Table 200x400 SXP DT**	**Slab Table 400x400 SXP DT**	**Slab Table 200x600 SXP DT**	**Slab Table 400x600 SXP DT**
MAIN BEAM SXT MB 400	2 pc.	2 pc.	–	–
MAIN BEAM SXT MB 600	–	–	2 pc.	2 pc.
EXTERNAL BEAM SXT EB 200 L	1 pc.	–	1 pc.	–
EXTERNAL BEAM SXT EB 200 R	1 pc.	–	1 pc.	–
EXTERNAL BEAM SXT EB 400	–	2 pc.	–	2 pc.
DOUBLE BEAM SXT DB 200	3 pc.	–	5 pc.	–
DOUBLE BEAM SXT DB 400	–	3 pc.	–	5 pc.
PANEL 200x100 SXP P	4 pc.	8 pc.	6 pc.	12 pc.
TABLE HEAD LOWER PART VD	4 pc.	4 pc.	6 pc.	6 pc.
MULTIPROP MP	4 pc.	4 pc.	6 pc.	6 pc.

Tab. C3.01

C4 Assembly of the edge slab tables

Pre-assembly
For cantilevered slab tables, mount the Table Head SXP DT connection (**1.1**) on one side at position B or C on both Main Beams SXT MB (**1**), see section "A1 Main Beam SXT MB 400/600" on page 12.

Assembly
1. Attach Guardrail Post Holders GPH (**13**) to the assembled slab table (without props and heads) and mount the Posts PP (**14**).
2. Insert the guardrail boards (**15**) and toe boards into the Posts PP (**14**) and fix them. (Fig. C4.01 + Fig. C4.01a)

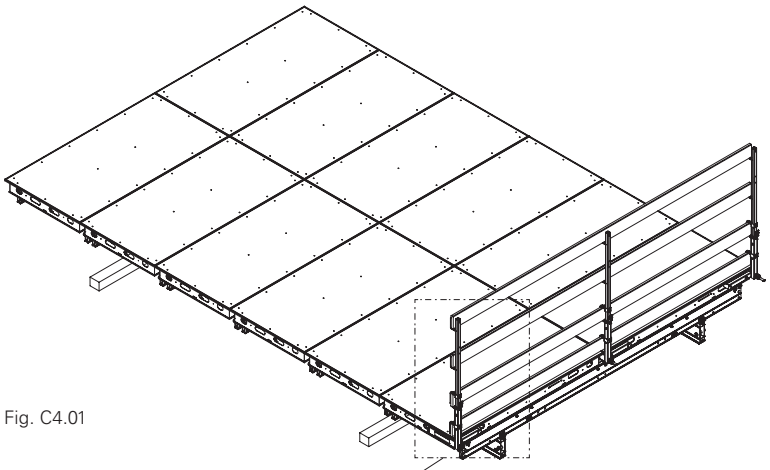


Fig. C4.01

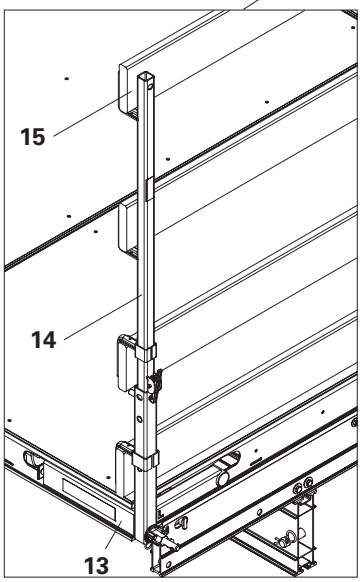


Fig. C4.01a

- Guardrail boards and toe boards must be sawn off to the exact table width or length (no interfering contour when deshuttering). Toe board = guardrail board. (Fig. C4.02)
- Fit the guardrail board and toe board continuously.
- Secure the guardrail boards with nails or screws.
- For information and details on the Guardrail Post Holder GPH (**13**), Posts PP (**14**), guardrail boards (**15**) and toe boards, refer to the Instructions for Assembly and Use for SKYMAX Large Panel Slab Formwork.
- When lifting the edge slab tables with the round sling, do not mount the toe board for the time being, as the round slings must be fitted so that the guardrail boards are not damaged.

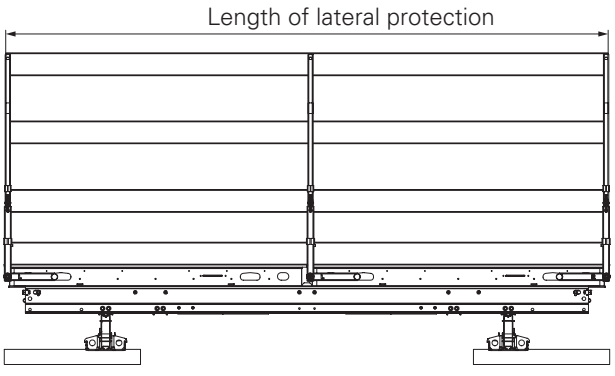


Fig. C4.02

Assembly of the edge tables with column solution
(Fig. C4.03)

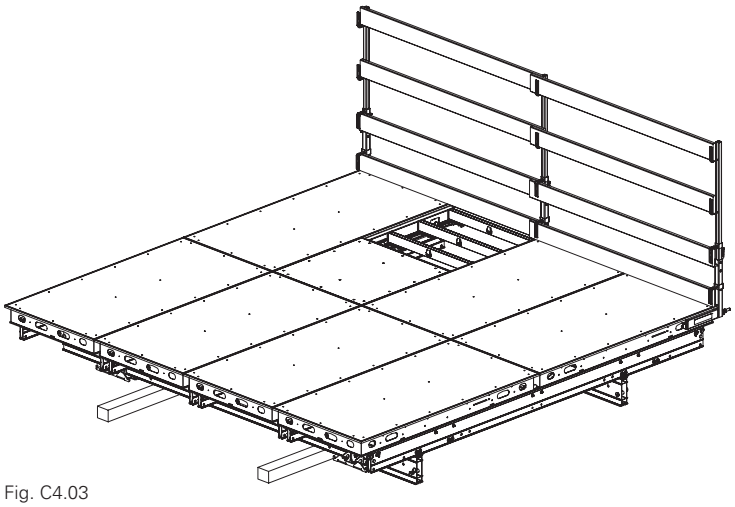


Fig. C4.03

C4 Assembly of the edge slab table

Edge slab table in corner area
For the edge slab table in the corner area, the guardrail boards must be fixed together in the corner with nails or screws. Assembly is the same as for the edge slab table, see section "C4 Assembly of the edge slab tables" on page 42.
(Fig. C4.04 + Fig. C4.04a)

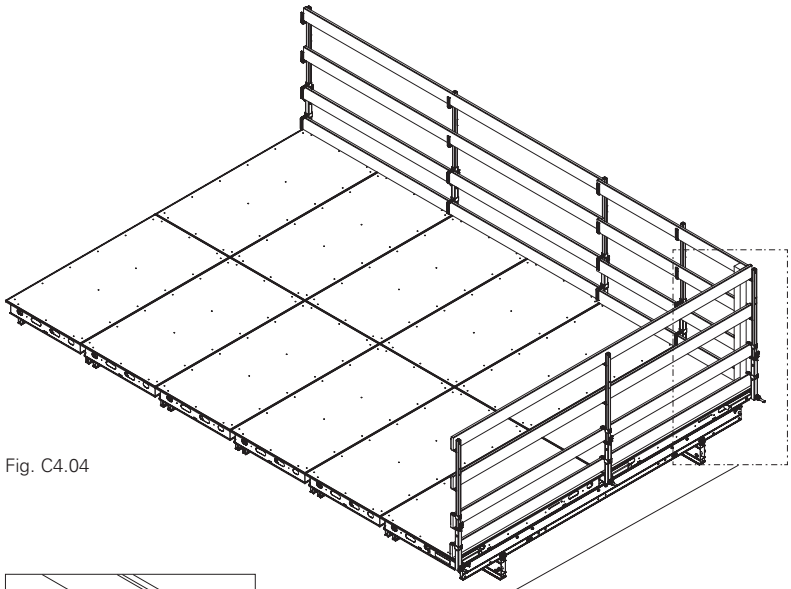


Fig. C4.04

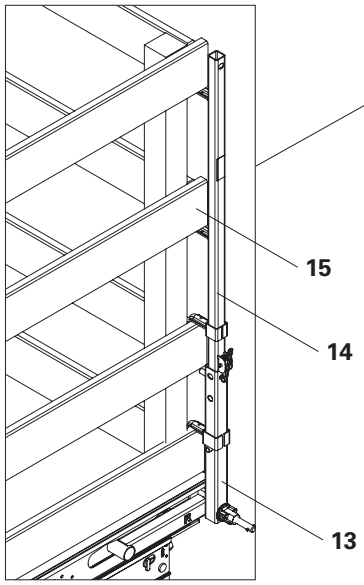


Fig. C4.04a

- Observe the following operating instructions when shuttering:
  - Table Lifting Fork 1.75 t
  - Table Striking and Transportation Trolley 2 t
  - Table Lift PTL
- Observe the pivoting direction of the props for the repositioning process.
- Mount lateral protection, e.g. on concreting section, edge table.

Position standard tables

It is recommended to start at a corner of the room with an angle of 90° and to set up slab tables with the dimensions 600 x 400 first, as these have greater stability.

1. Place, position and brace slab tables 600 x 400 first with table lifting forks or table striking and transportation trolleys that have a suitable load-bearing capacity or fix them with wall holders (**16**) (two wall holders (**16**) per side).
2. Move the slab table with a table lifting fork that has a suitable load-bearing capacity, paying attention to the striking clearance (lower the table before lifting it).
3. Levelling.
5. Compensations for obstructions.
6. Place more slab tables until the slab surface is formed.
   (Fig. D1.01 + Fig. D1.02)

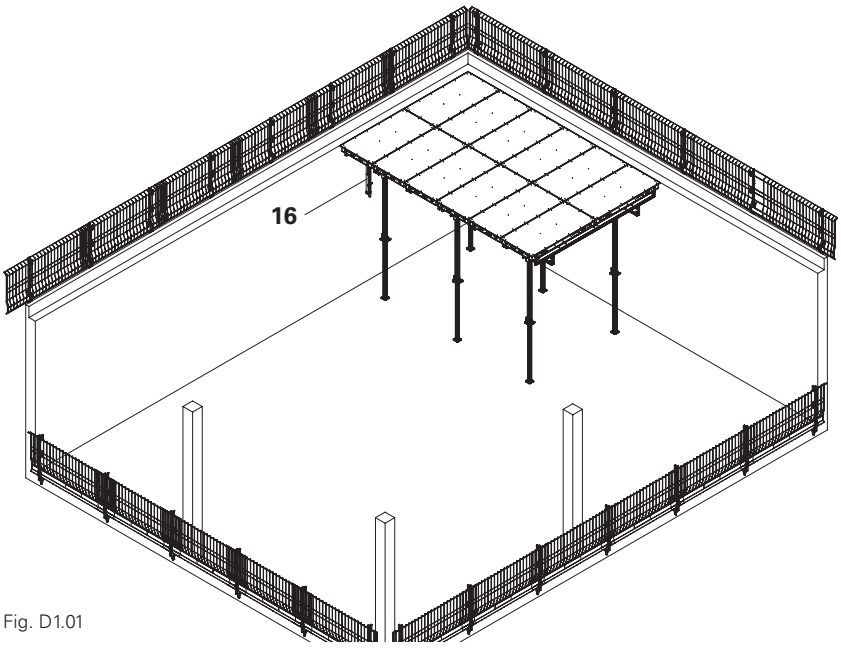


Fig. D1.01

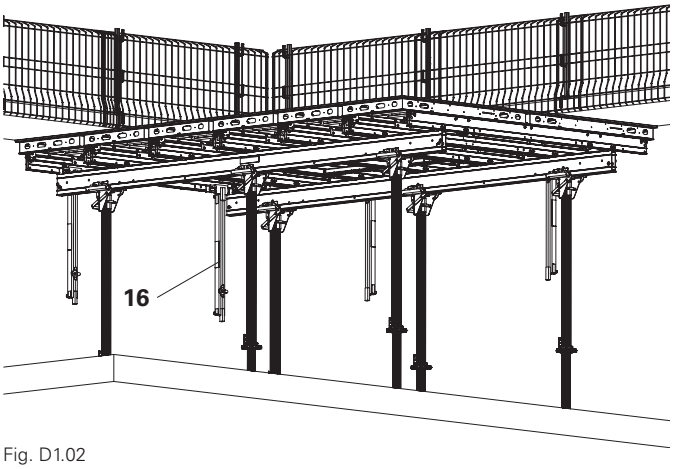


Fig. D1.02

Fix slab tables

- Props cannot dissipate horizontal forces.
- If necessary, use braces or take other suitable measures.
- Slab tables must be connected to fixed components so that the horizontal forces are transferred from the upper construction to the structure.
- This can be done by wedging against walls or props.
- When using wall holders, a 15 mm wooden edging strip must be installed underneath on the front side. (Fig. D1.03)

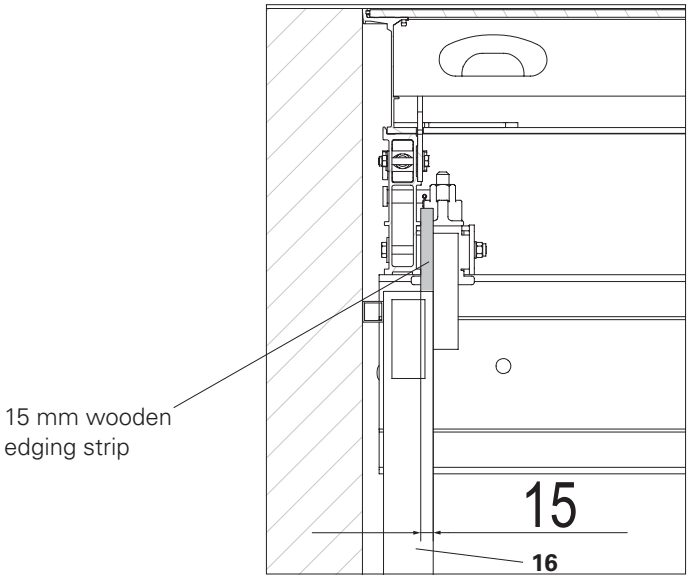


Fig. D1.03

Place the second slab table and fix it with two wall holders (**16**) at the front side.
For the wall holders (**16**), 15 mm wooden edging strips must be fitted, as usual. (Fig. D1.04)

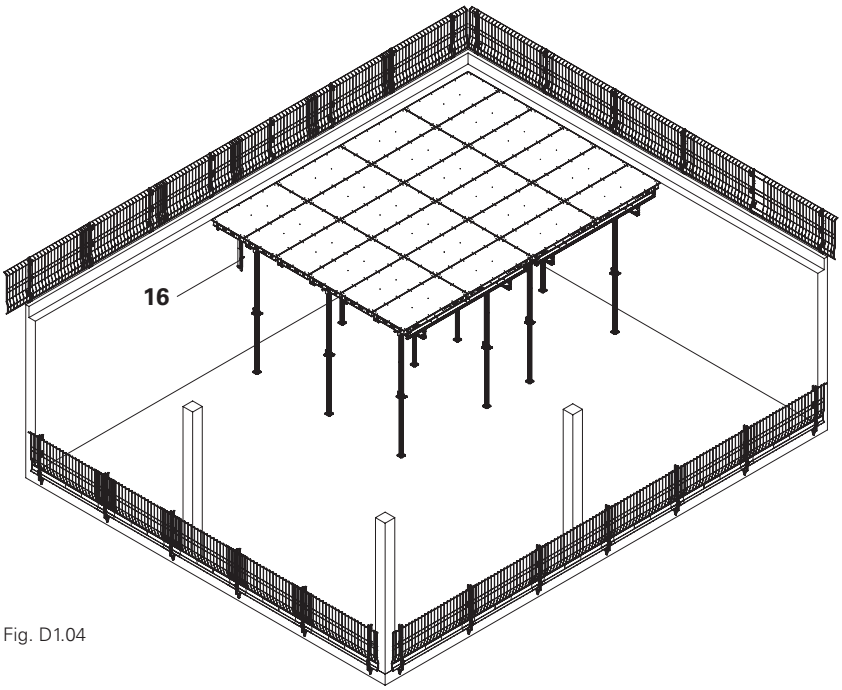


Fig. D1.04

Connect slab tables

Carry out assembly from a safe workplace, e.g. carriage.

Transverse direction

1. Assemble slab tables side by side.
2. Insert Table Connectors SXT TC (**17**) from below into the side holes of the External Beams SXT EB (**2**) and secure with cotter pins.
3. By screwing the middle block of the Table Connector SXT TC (**17**) with a hammer or a suitable round rod, the gaps between the tables can be closed completely. (Fig. D1.05)

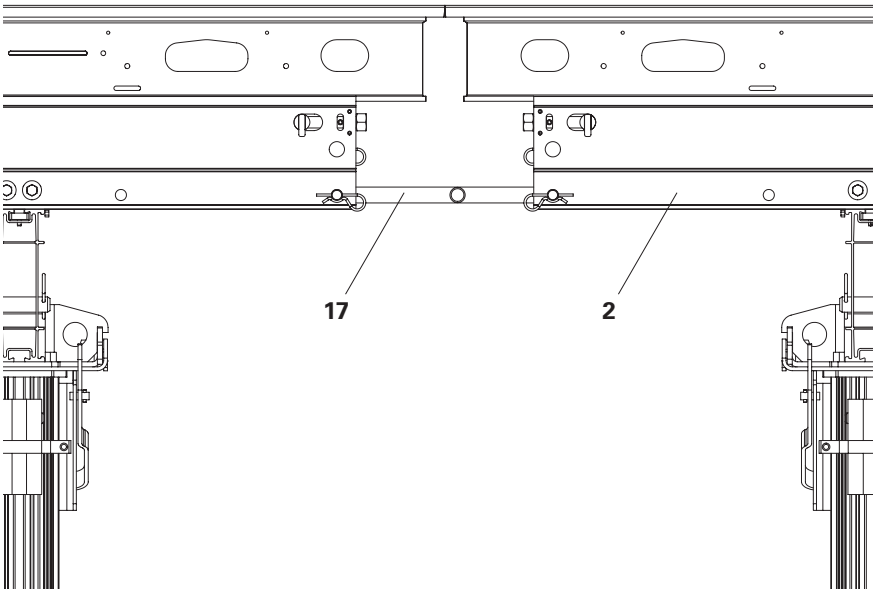


Fig. D1.05

Longitudinal direction

1. Assemble slab tables side by side.
2. Insert Table Connector SXT TC (**17**) from below into the side holes of the Main Beams SXT MB and secure with cotter pins.
3. By screwing the middle block of the Table Connector SXT TC (**17**) with a hammer or a suitable round rod, the gaps between the tables can be closed completely. (Fig. D1.06)

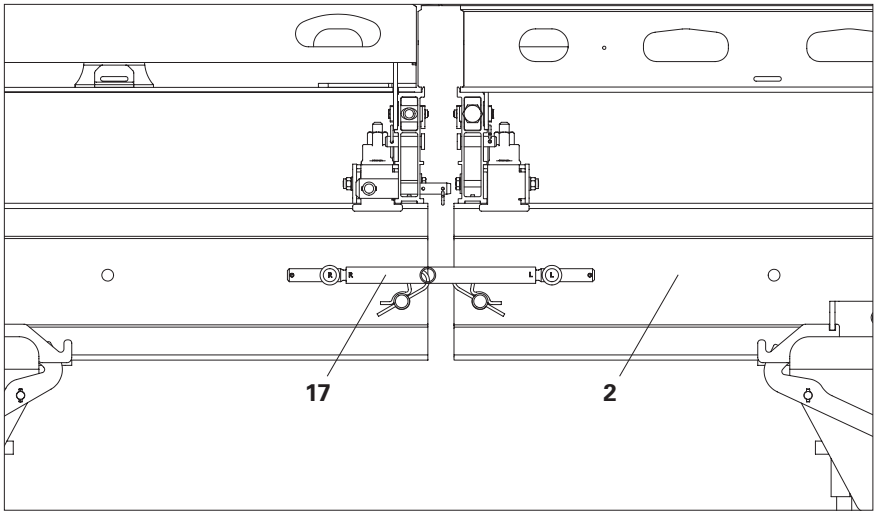


Fig. D1.06

Positioning edge slab tables

1. Position the edge table
2. Move the edge table with a table lifting fork that has a suitable load-bearing capacity.
3. Brace the edge tables.
4. Note the striking clearance.
5. Levelling.
6. Compensations for obstructions, see section "D3 Shuttering compensation" on page 54.

Bracing slab tables lengthwise

- Do not access the cantilever until the bracing has been securely mounted.
- Use fixing materials with suitable tension force capacity, see Tables – Formwork and Shoring.
- Fixing materials for anchor chain, e.g. Tie Bolt PERI 14/20x130, art. no. 124777.
- For bracing, observe the "SKYMAX Large Panel Slab Formwork Design Information".

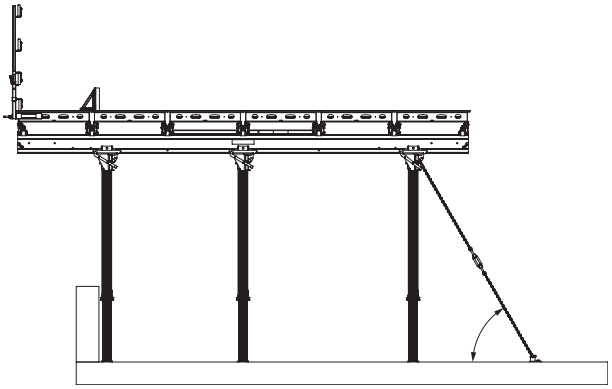


Fig. D1.07

Clamping

- Anchor chain 3.0 kN, L = 2.5 m with turnbuckle 3.0 kN, M12 and Base Plate-3 for RS. (Fig. D1.08 + Fig. D1.09)

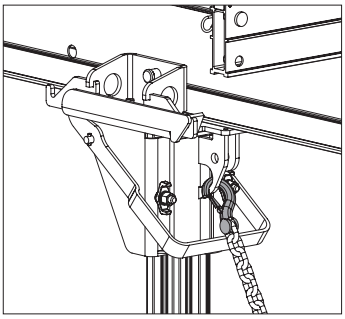


Fig. D1.08

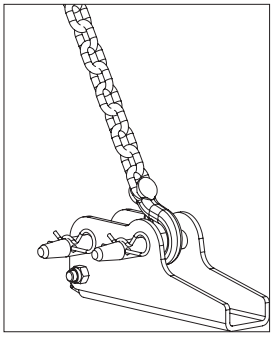


Fig. D1.09

Bracing the slab tables in transverse direction

- Do not access the cantilever until the bracing has been securely mounted.
- Use fixing materials with suitable tension force capacity, see Tables – Formwork and Shoring.
- Fixing materials for anchor chain, e.g. Tie Bolt PERI 14/20x130, art. no. 124777.
- For bracing, observe the "SKYMAX Large Panel Slab Formwork Design Information".

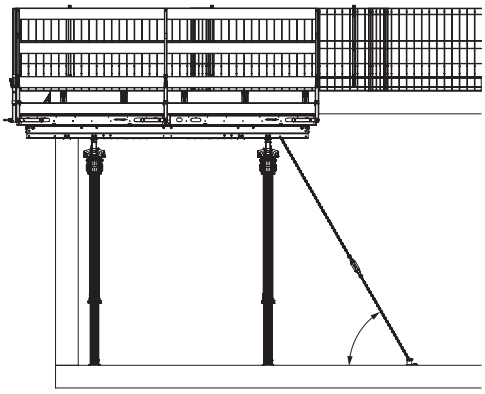


Fig. D1.10

Clamping

- Anchor chain 3.0 kN, L = 2.5 m with turnbuckle 3.0 kN, M12 and Base Plate-3 for RS. (Fig. D1.11 + Fig. D1.12)

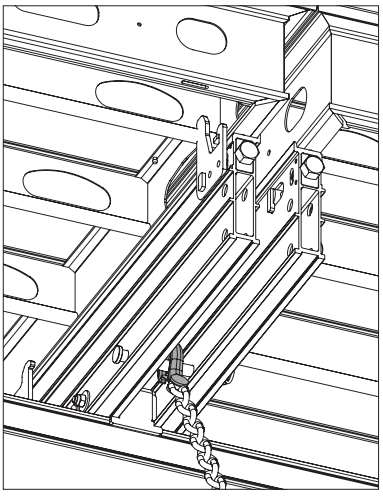


Fig. D1.11

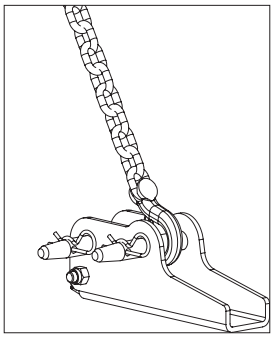


Fig. D1.12

Bracing edge tables in the corner area in longitudinal and transverse direction

Braces are the same as for bracing slab tables in longitudinal direction, see section "Bracing slab tables lengthwise" on page 49. And braces in transverse direction, see section "Bracing the slab tables in transverse direction" on page 49.

For bracing, observe the "SKYMAX Large Panel Slab Formwork Design Information".

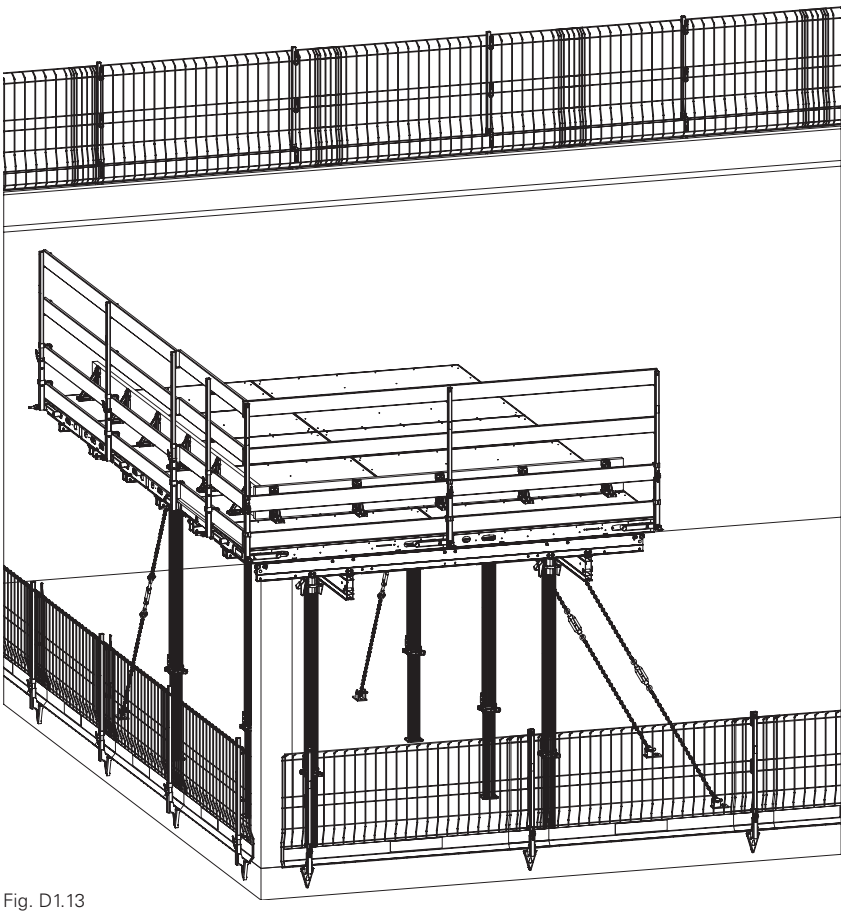


Fig. D1.13

Slab Prop PEP
Slab tables can be used with Slab Props PEP (**19**).

Bracing
In order to increase the stability, the slab props must be braced, e.g. with PEP Frames PRK (**20**) or with reinforcements. The slab tables can also be connected to each other.

Room height h > 3.80 m:
Install bracing in transverse direction.

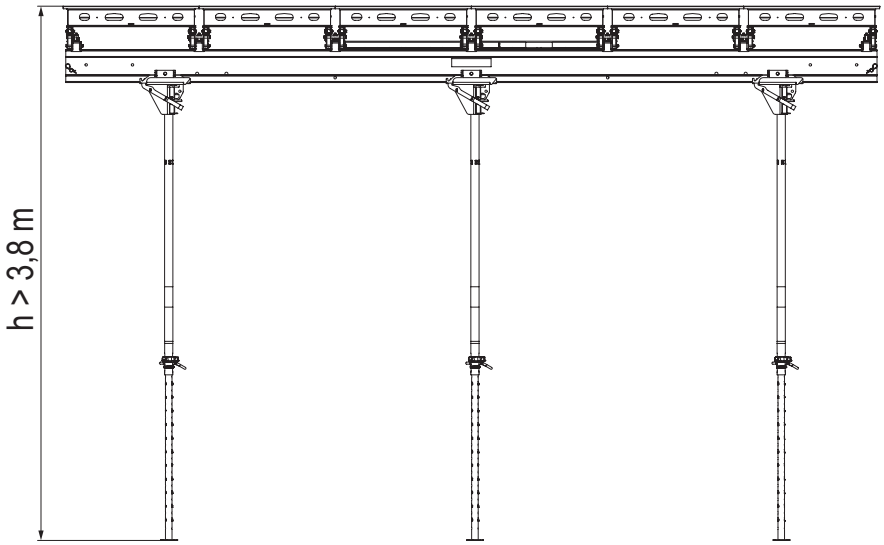


Fig. D2.01

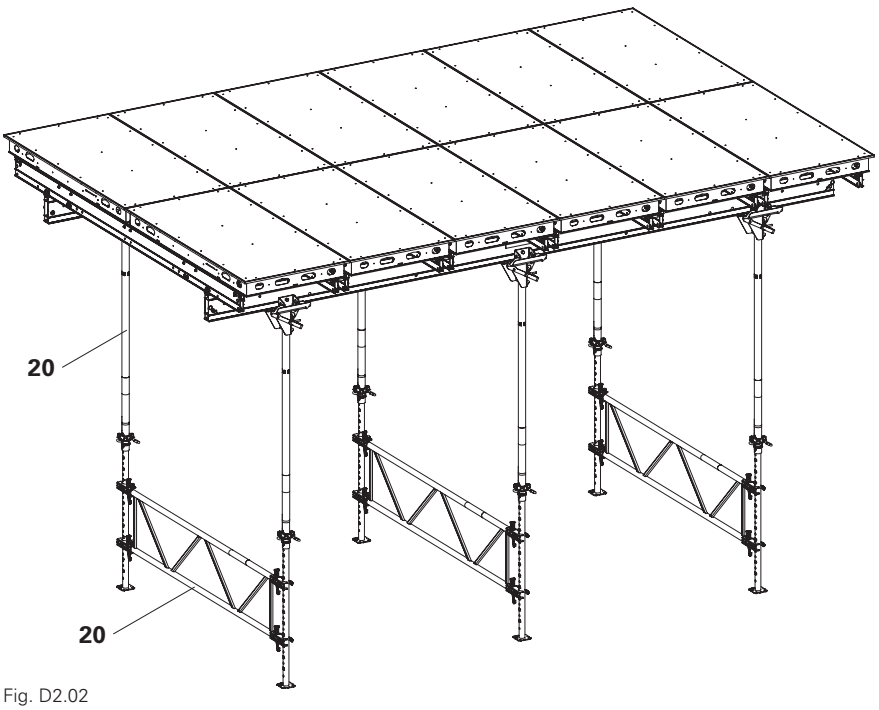


Fig. D2.02

MULTIPROP MP 625

Observe the maximum lifting weight of the table lifting fork.

Bracing
To increase stability, the slab table must be braced with Frame MRK.

Room height > 3.80 m:
Install bracing in transverse direction.

Room height > 5.00 m:
Install additional bracing in the longitudinal direction or use special tables with a wide base.

Assembly
1. Spindle in MULTIPROP MP 625 (**21**).
2. Install Frame MRK 350 (**23**) in longitudinal direction and Frame MRK 150 (**22**) in transverse direction, see Instructions for Assembly and Use for MULTIPROP System. (Fig. D2.03)
3. Raise the slab table, e.g. with a table lifting fork 1.75 t/8 m, and spindle the MULTIPROP MP 625 Slab Props (**21**) to the correct height.
4. Mount MULTIPROP MP 625 (**21**) on slab table. (Fig. D2.04)

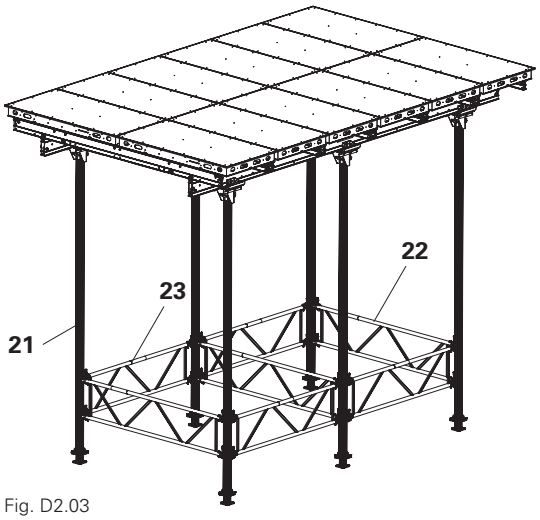


Fig. D2.03

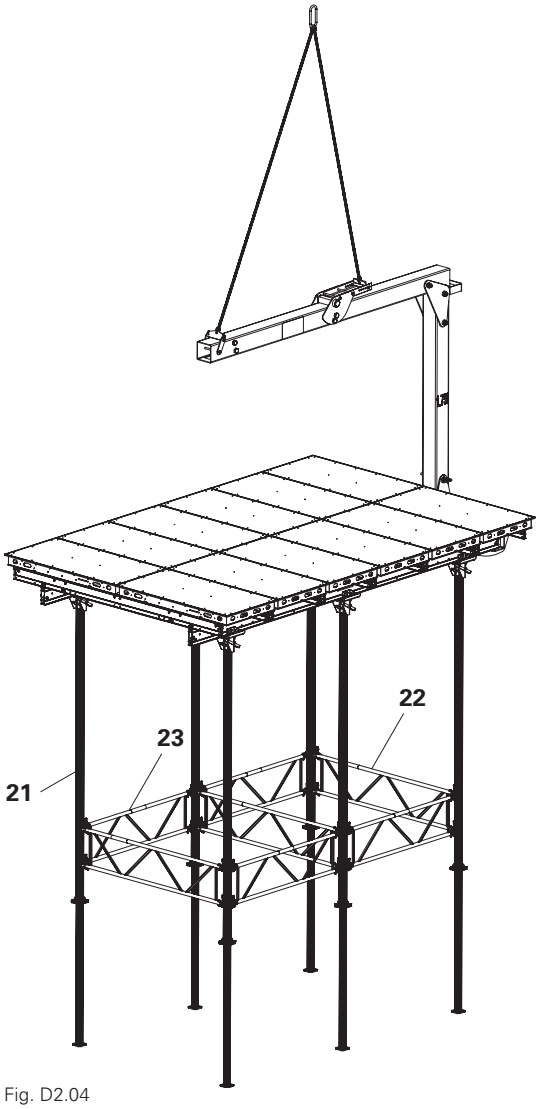


Fig. D2.04

MULTIPROP MP Towers

- Observe Instructions for Assembly and Use for the MULTIPROP System.
- Observe the maximum lifting weight of the table lifting fork.
- Observe the type test for the MULTIPROP System.

With Frame MRK
MULTIPROP MP Towers are braced using Frames MRK (**22/23**).
(Fig. A5.04)

As towers
1. Mount MULTIPROP Towers.
2. Position MULTIPROP Tower with slab table above the bottom MULTIPROP Tower using the crane. (Fig. D2.05)
3. Connect the MULTIPROP Towers from a safe working position. (Fig. D2.06)

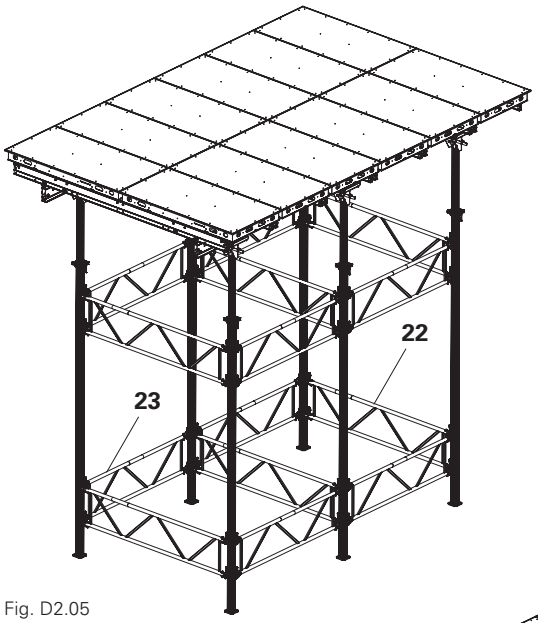
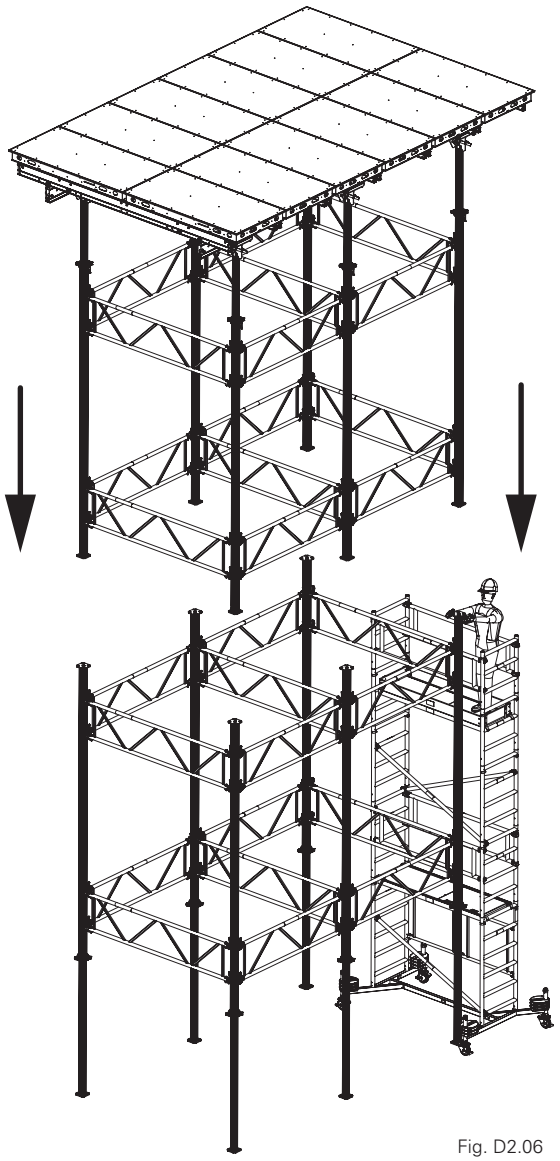


Fig. D2.05


Fig. D2.06

Filler areas up to 30 cm

Pre-assembly

1. Fit the Compensation Brackets SXT COB (**6**) to the slab tables during table assembly. They are fixed using the bolts in the external and double beams. The number of compensation brackets depends on the size of the table. Each External Beam SXT EB 200 R/L (**2**) must be connected to a Compensation Bracket SXT COB (**6**). Then every second Double Beam SXT DB 200/400 (**4/5**) is connected to a Compensation Bracket SXT COB (**6**). (Fig. D3.01)
2. Place the 12 x 8 cm wooden edging strips on the compensation brackets and fix them laterally with nails or screws (**X**). (Fig. D3.02a)
3. Set up the tables and bring them into position so that the distance between the wooden edging strips is not > 30 cm.
4. Place 21 mm FinPly formlining strips on the wooden edging strips and fix them from above with nails or screws. Refer to the drawing in the example for the width of the wooden edging strip. Important! Use PPE in this case.
5. Attach the guardrail boards (**Z**) to the compensation and fix them with nails or screws. Important! Use PPE in this case.
6. Support the formlining strips from below with two props (**Y**) each. (Important for deshuttering). (Fig. D3.02 + Fig. D3.03)

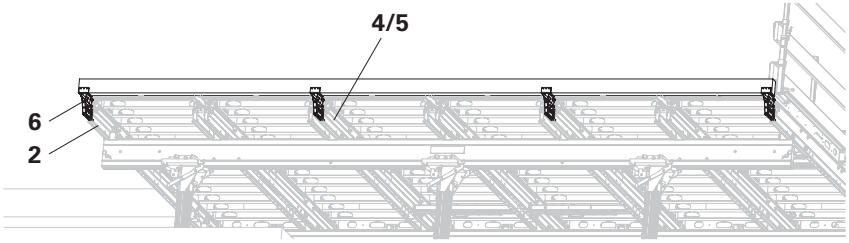


Fig. D3.01

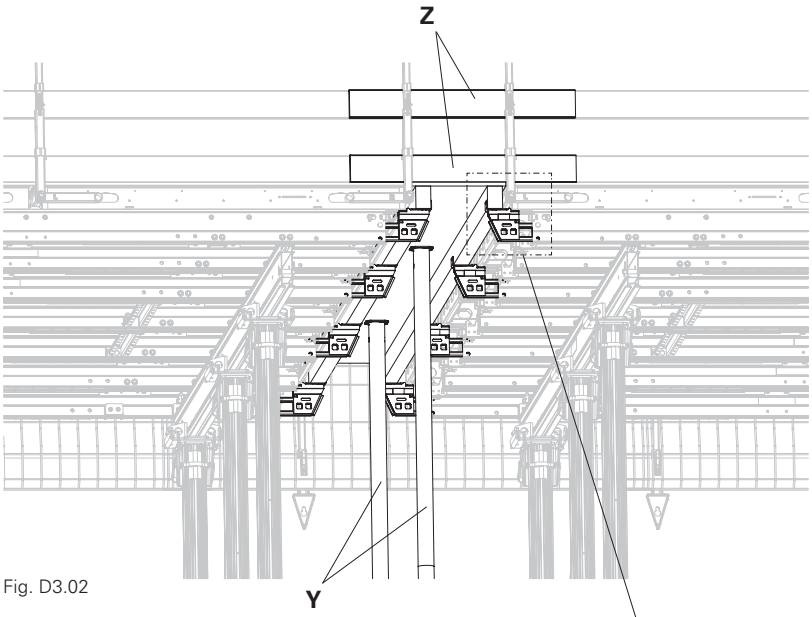


Fig. D3.02

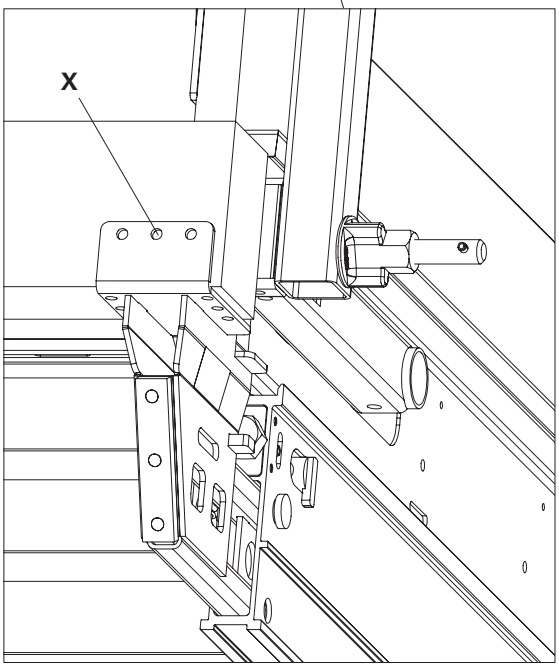


Fig. D3.02a

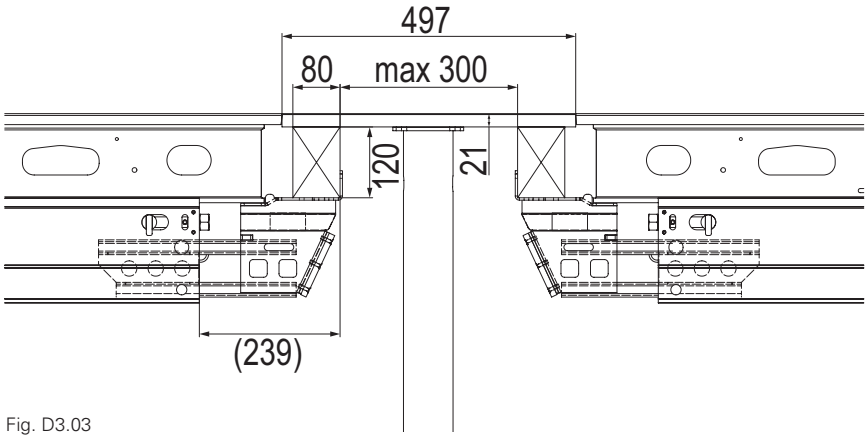


Fig. D3.03

Filler areas larger than 30 cm

Pre-assembly

1. The assembly procedure is the same as for filler areas up to 30 cm, see section "Filler areas up to 30 cm" on page 54.
2. After setting up the slab tables, mount the Telescopic Girders SXP TBR or TBL 200-300 in the centre and swing them up, securing the props (**Y**) underneath with tripods to prevent them from falling over. It is essential to observe the Instructions for Assembly and Use for SKYMAX Large Panel Slab Formwork during the installation and assembly procedures.
3. Place 21 mm FinPly formlining strips on the wooden edging strips and double compensation beams and fix them from above with nails or screws (**X**). Refer to the drawing in the example for the width of the wooden edging strip. Important! Use PPE in this case.
4. Attach the guardrail boards to the compensation and fix them with nails or screws. Important! Use PPE in this case. (Fig. D3.04 + Fig. D3.05 + Fig. D3.06)

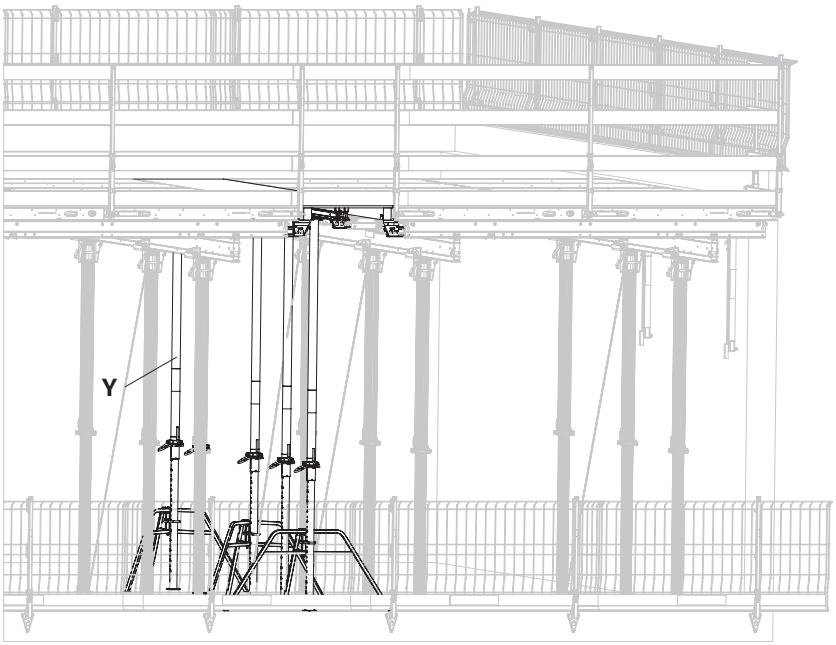


Fig. D3.04

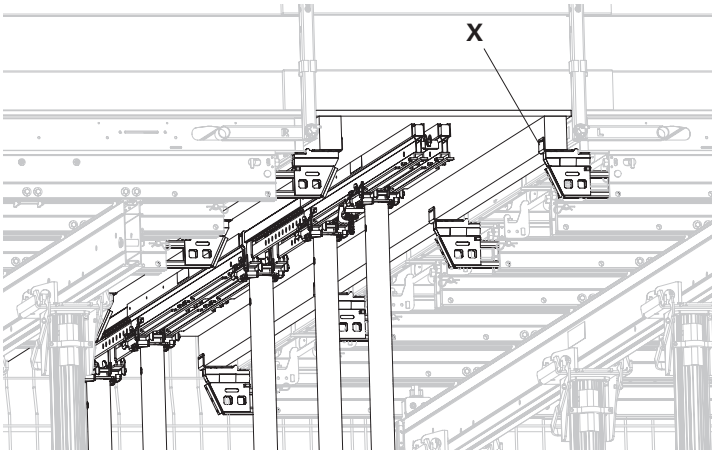


Fig. D3.05

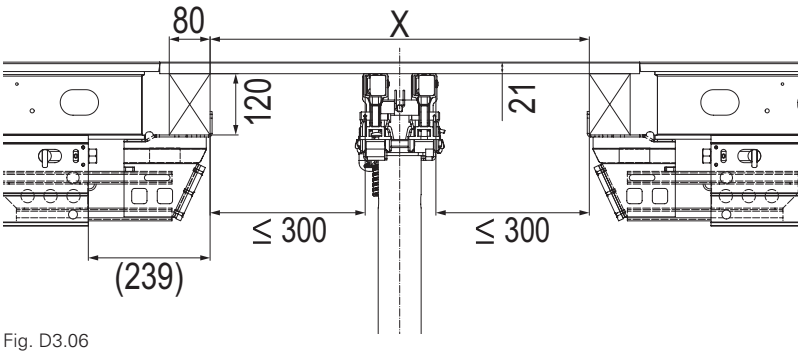


Fig. D3.06

D4 Shuttering system change from table to standard system

Slab tables with standard slab panels – combine systems

Swing up standard panels in longitudinal direction

1. Attach props to the panels built into the slab table.
2. Hook in individual panels and swing them up.
   It is essential to observe the Instructions for Assembly and Use for SKYMAX Large Panel Slab Formwork during the hooking in and swinging up processes.
3. Fix the panels to the wall at the front side with wall holders.
   For the number of wall holders and the procedure, refer to the Instructions for Assembly and Use for SKYMAX Large Panel Slab Formwork. (Fig. D4.01 + Fig. D4.01a)

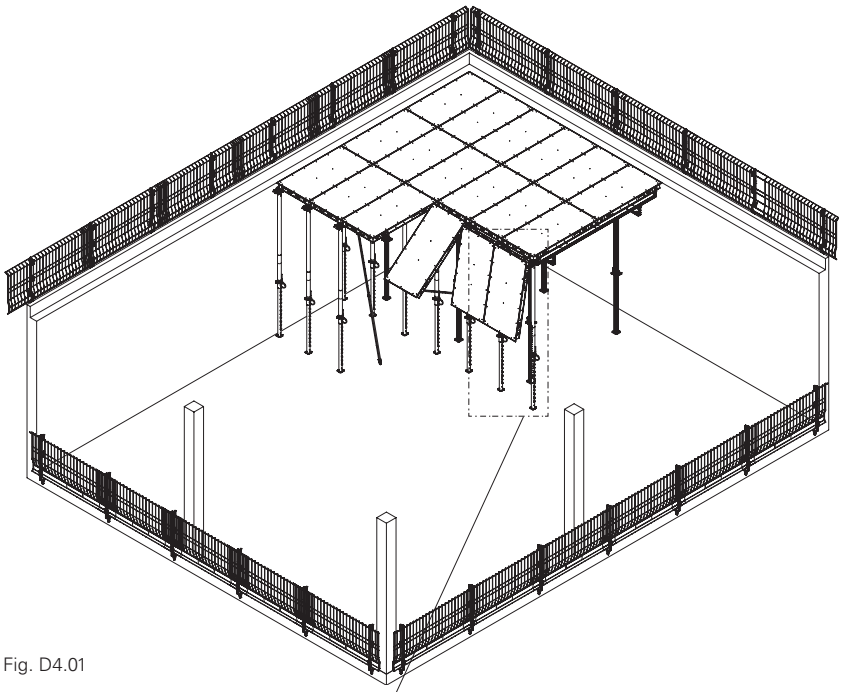


Fig. D4.01

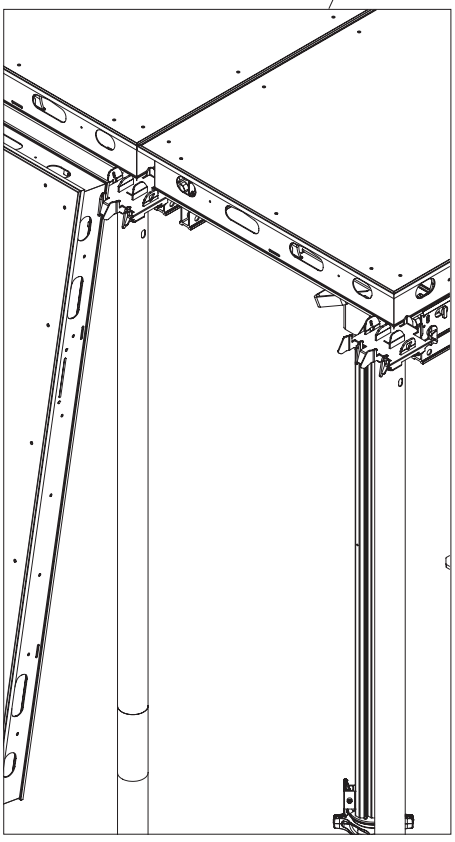


Fig. D4.01a

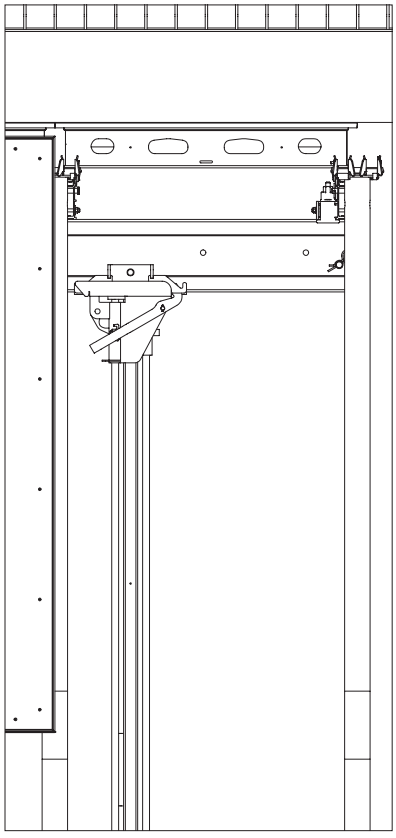


Fig. D4.01b

D4 Shuttering system change from table to standard system

Swing up standard panels in transverse direction

1. Attach props to the panels built into the slab table.
2. Hook in individual panels and swing them up.
   It is essential to observe the Instructions for Assembly and Use for SKYMAX Large Panel Slab Formwork during the hooking in and swinging up processes.
3. Fix the panels to the wall at the front side with wall holders.
   For the number of wall holders and the procedure, refer to the Instructions for Assembly and Use for SKYMAX Large Panel Slab Formwork. (Fig. D4.02)

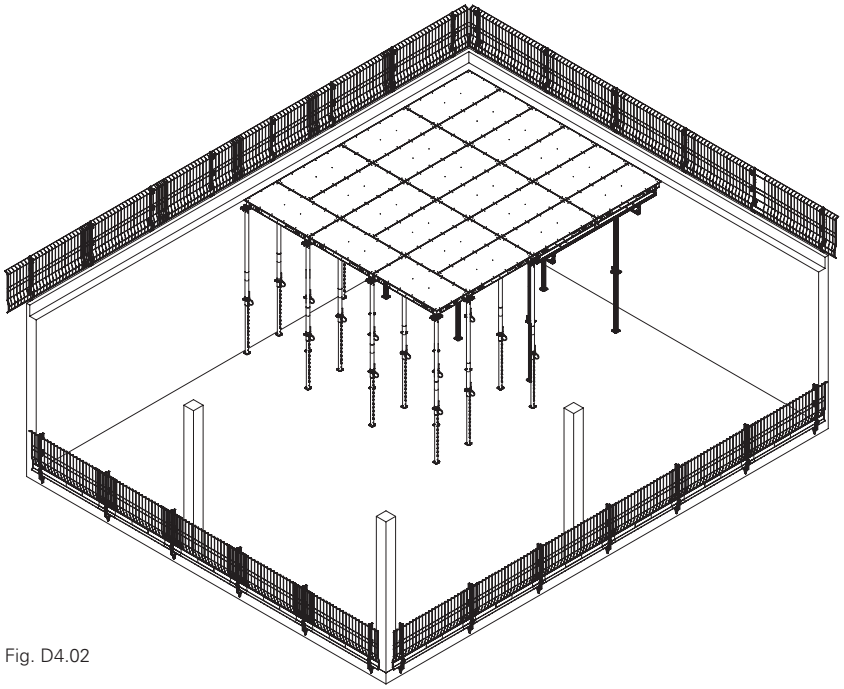


Fig. D4.02

D4 Shuttering system change from table to standard system

Combine slab tables with standard slab panel system with column solution

Swing up standard panels in transverse direction using column solution

1. Attach props to the panels built into the slab table.
2. Hook in individual panels and swing them up.
   It is essential to observe the Instructions for Assembly and Use for SKYMAX Large Panel Slab Formwork during the hooking in and swinging up processes.
3. Shuttering the column with column frame panel:
   For shuttering the column, it is essential to observe the Instructions for Assembly and Use for SKYMAX Large Panel Slab Formwork.
4. Fix the panels to the wall at the front side with wall holders.
   For the number of wall holders and the procedure, refer to the Instructions for Assembly and Use for SKYMAX Large Panel Slab Formwork.

Slab tables can then be connected to the standard slab panel system.
The slab table is placed in the adjacent prop heads of the standard panels and fixed again at the front side with two wall holders.

A 15 mm wooden edging strip must be installed underneath on the front side.

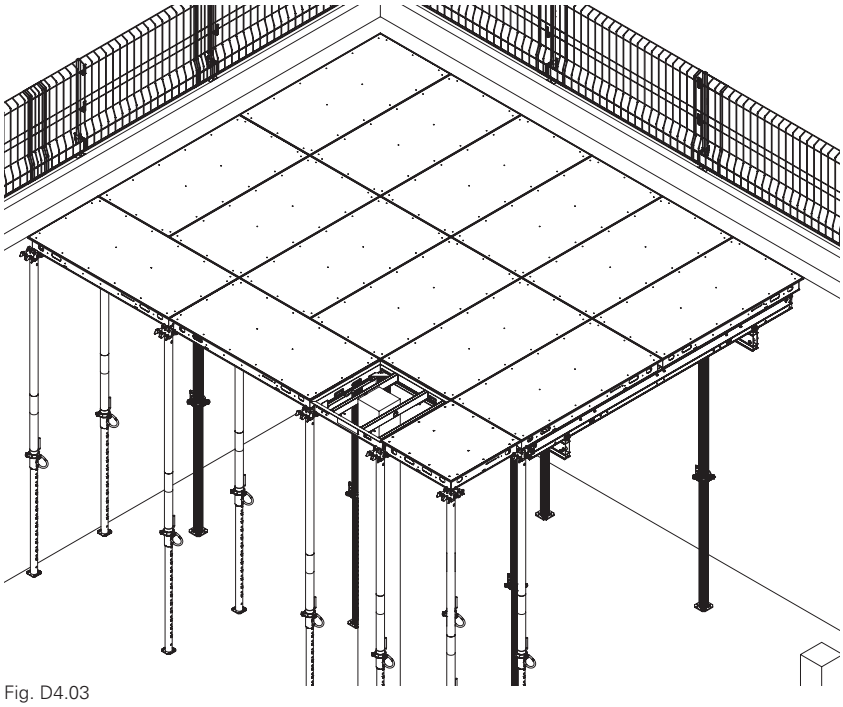


Fig. D4.03

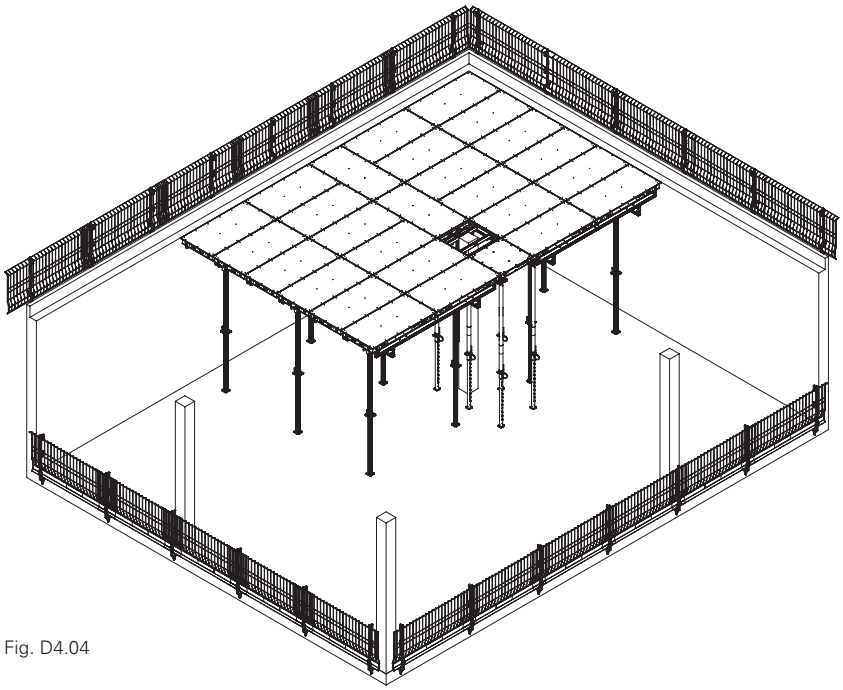


Fig. D4.04

Plastic stopend angle

For slab thicknesses up to 40 cm in combination with slab tables.

Permissible influence width [m] for plastic stopend angle (**Z**) as a function of slab thickness d, see (Tab. D6.01).

Slab thickness		Nailing on Fin-Ply 9 mm
d [m]	0.00	–
	0.20	2.33 m
	0.25	1.21 m
	0.30	0.72 m
	0.33	0.54 m
	0.35	0.45 m
	0.40	0.30 m

Tab. D6.01

- Nailing is done with 8 nails Ø 3.1 mm (6 pieces at the front, 2 pieces at the back).
- The plastic stopend angle must not be used as a bracket in order to carry loads, for example, a cantilevered slab or a work platform.
- Separate structural calculations must be provided to show that the sub-structure can carry all resulting loads. The equivalent load (V/100) acting horizontally and the pressures arising on one side (e.g. the edge beam) are to be accommodated by suitable means provided by the contractor.
- Observe the data sheet for the plastic stopend angle (art. no.: 126299).

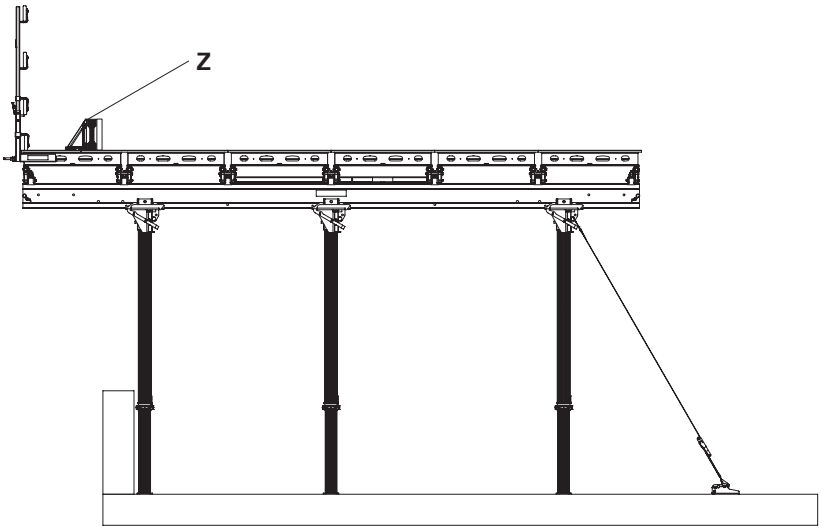


Fig. D5.01

E1 Deshuttering

Columns

- Deshutter the slab only when the concrete has sufficiently hardened and the person in charge has given the go-ahead for deshuttering to take place.
- Do not stand on the slab table during deshuttering and lowering operations.

- Begin with the edge tables.
- For larger spans, if necessary lower the slab tables positioned in the middle first before striking the outer edge tables.
- If necessary, secure the compensations to prevent them from falling down.
- Remove the braces and wall holders.

Deshuttering sequence

Figure 1:
Remove wall holders, braces and table connectors as described in the Instructions for Assembly and Use. Lower the table and remove it with a lifting fork that has a suitable load-bearing capacity.

Figure 2 and 3:
Remove the braces and table connectors as described in the Instructions for Assembly and Use. Remove the cross struts from the column frame as described in the Instructions for Assembly and Use. Lower the table and carefully swing or move it away from the column with a table lifting fork or table striking and transportation trolley that has a suitable load-bearing capacity. Remove the table with the lifting fork.

1.

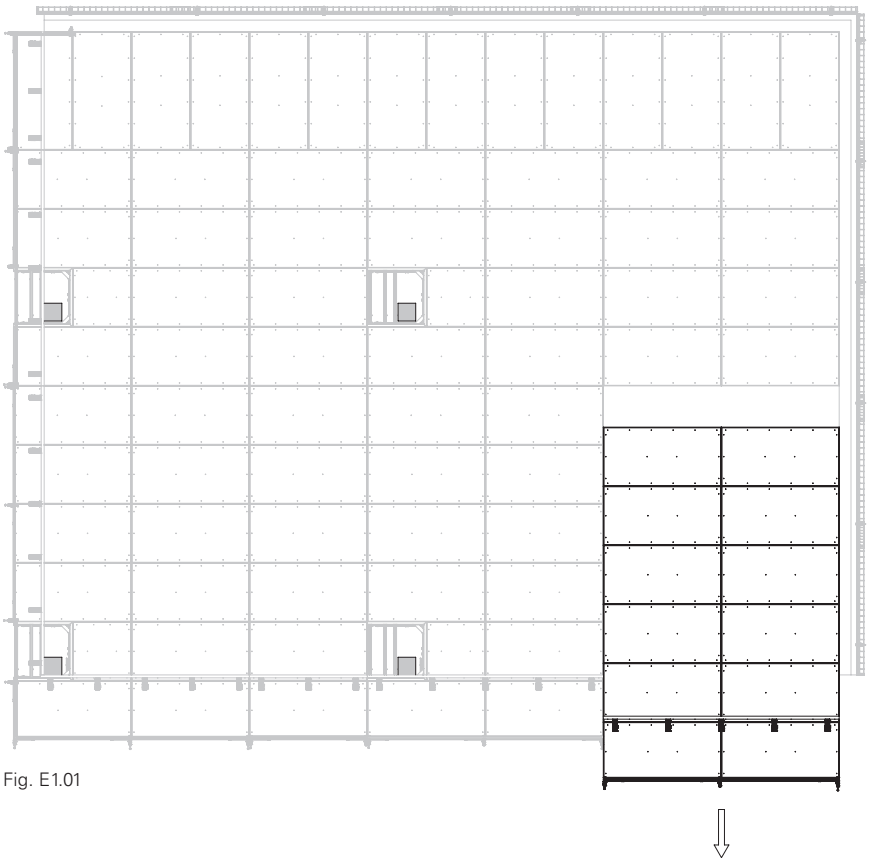


Fig. E1.01

2.

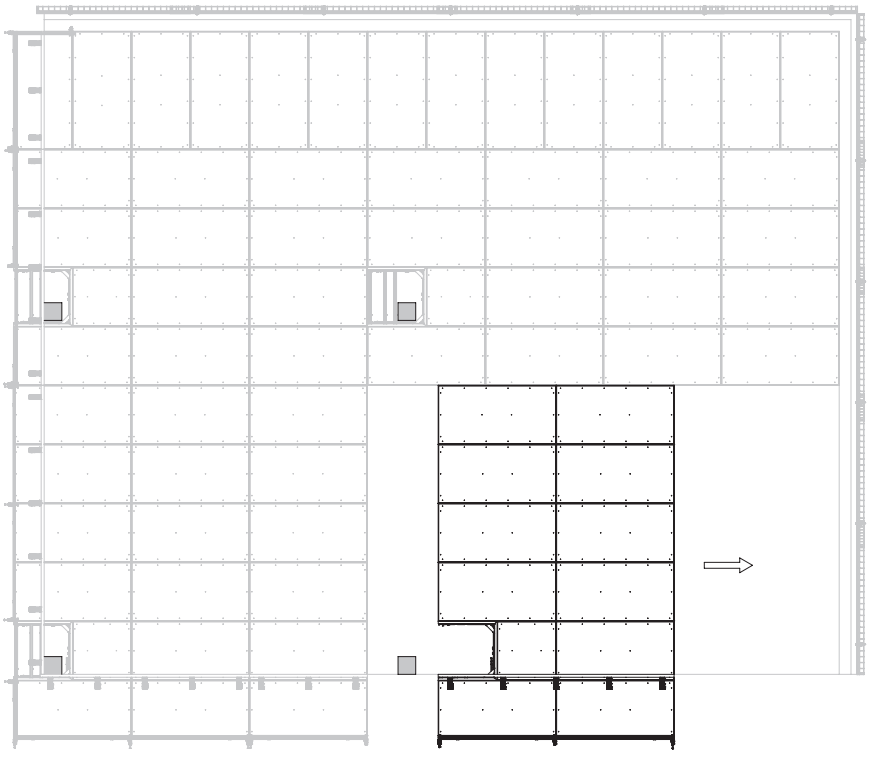


Fig. E1.02

3.

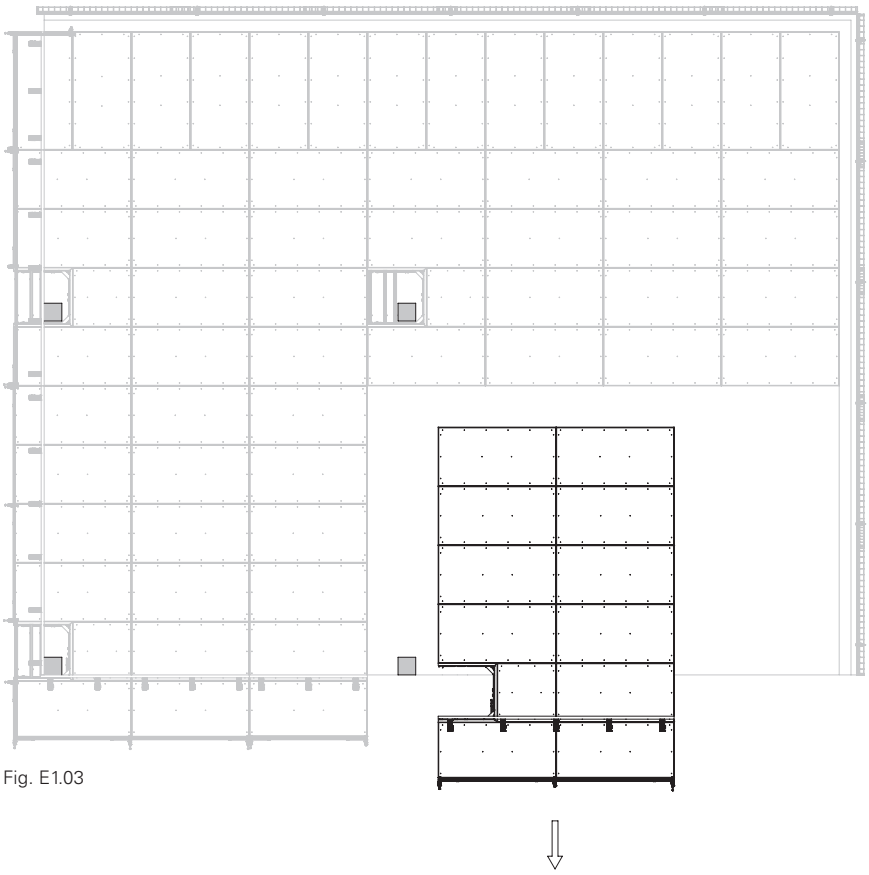


Fig. E1.03

Figure 4:
Remove the braces and table connectors as described in the Instructions for Assembly and Use. Lower the table and remove it with the lifting fork.

4.

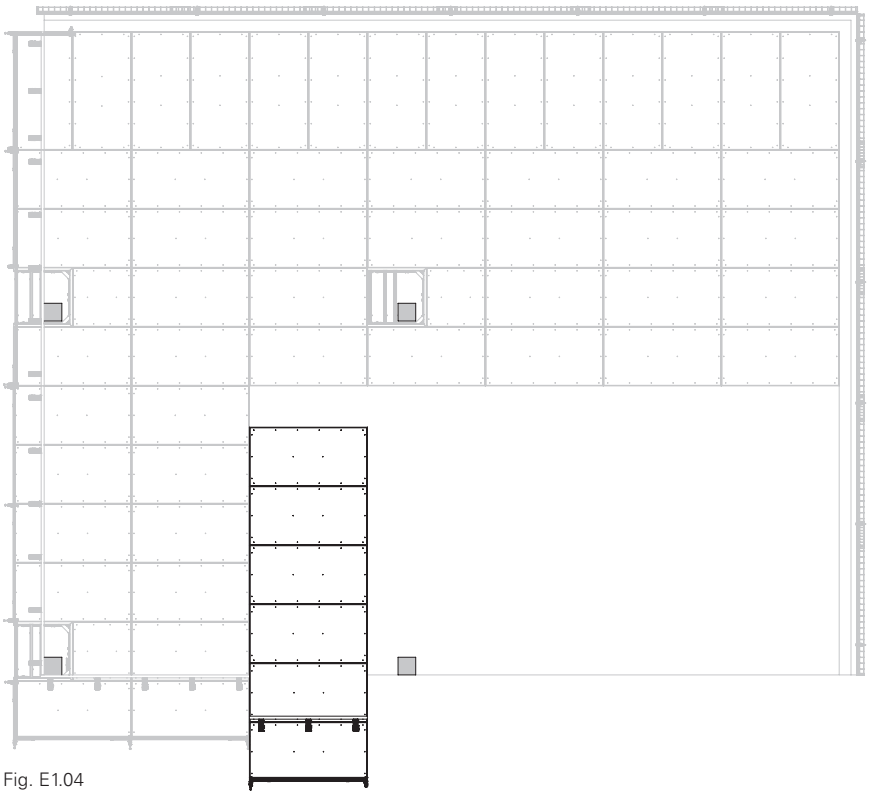


Fig. E1.04

Figure 5 and 6:
Remove the front lateral protection, toe board, slab stop end angles, braces and table connectors as described in the Instructions for Assembly and Use. Remove the cross struts from the column frame as described in the Instructions for Assembly and Use. Lower the table and carefully swing or move it away from the column with a lifting fork or table trolley that has a suitable load-bearing capacity. Remove the table with the lifting fork.

5.

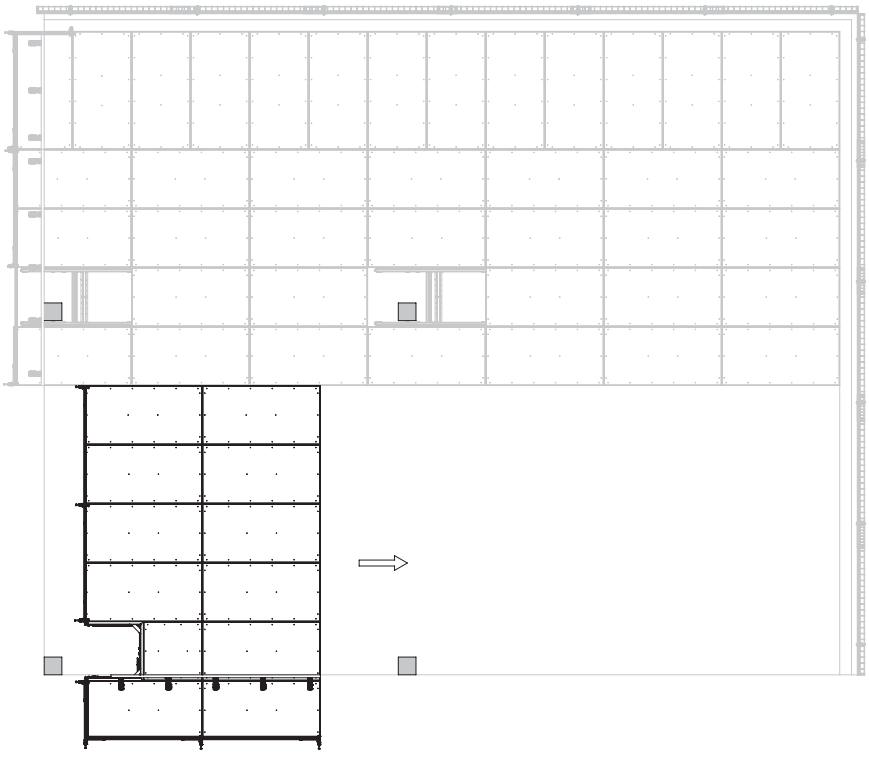


Fig. E1.05

Remove the middle row using the same steps as in 1-6. In addition, each slab table must be moved to the slab edge with a table striking and transportation trolley that has a suitable load-bearing capacity in order to be able to move the table with the lifting fork that has a suitable load-bearing capacity.

6.

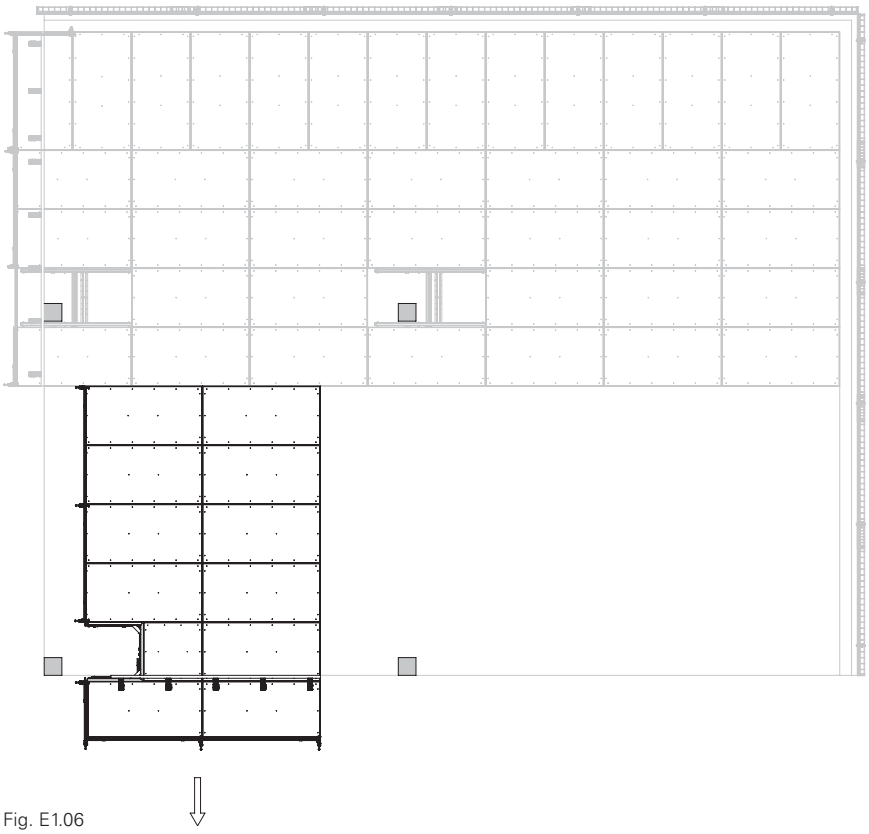


Fig. E1.06

7.

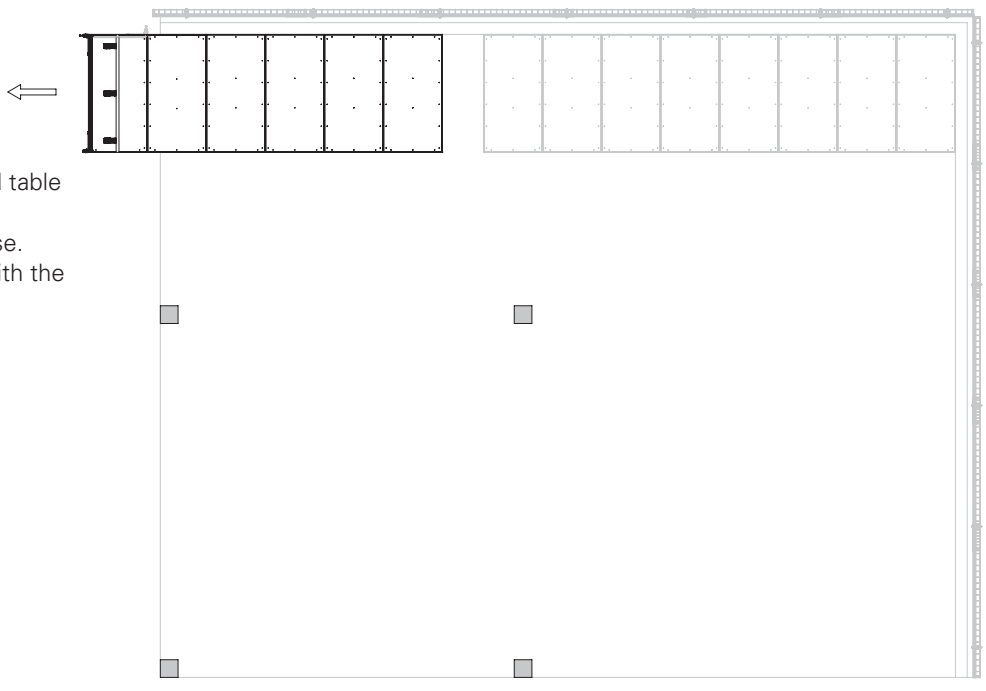


Figure 7:
Remove wall holders, braces and table connectors as described in the Instructions for Assembly and Use. Lower the table and remove it with the lifting fork.

Fig. E1.07

Figure 8:
Remove wall holders, braces and table connectors as described in the Instructions for Assembly and Use.
Lower the table and remove it with the lifting fork.
In addition, this slab table must be moved to the slab edge with a table striking and transportation trolley that has a suitable load-bearing capacity in order to be able to move the table with the lifting fork.

8.

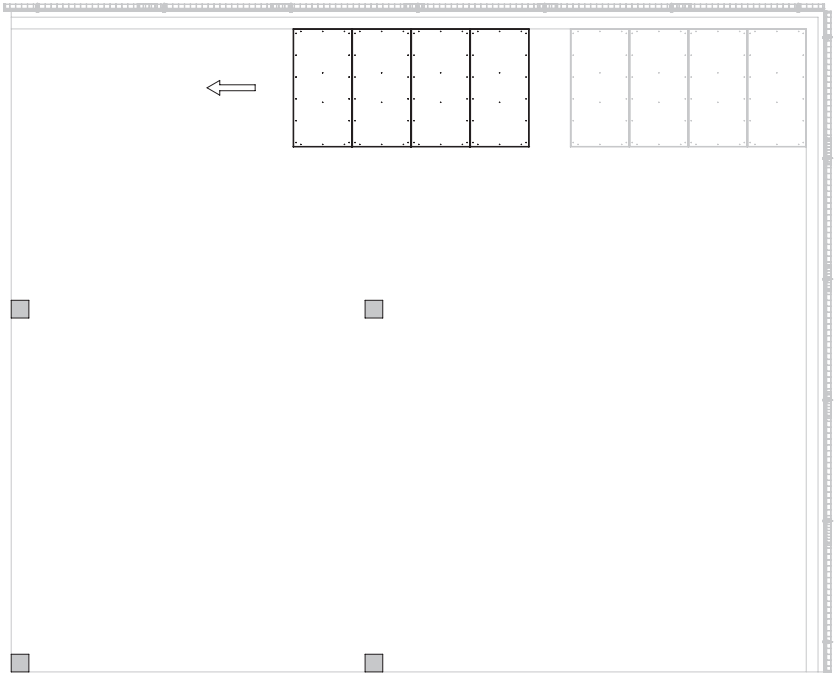


Fig. E1.08

Figure 9:
See Figure 8.

9.

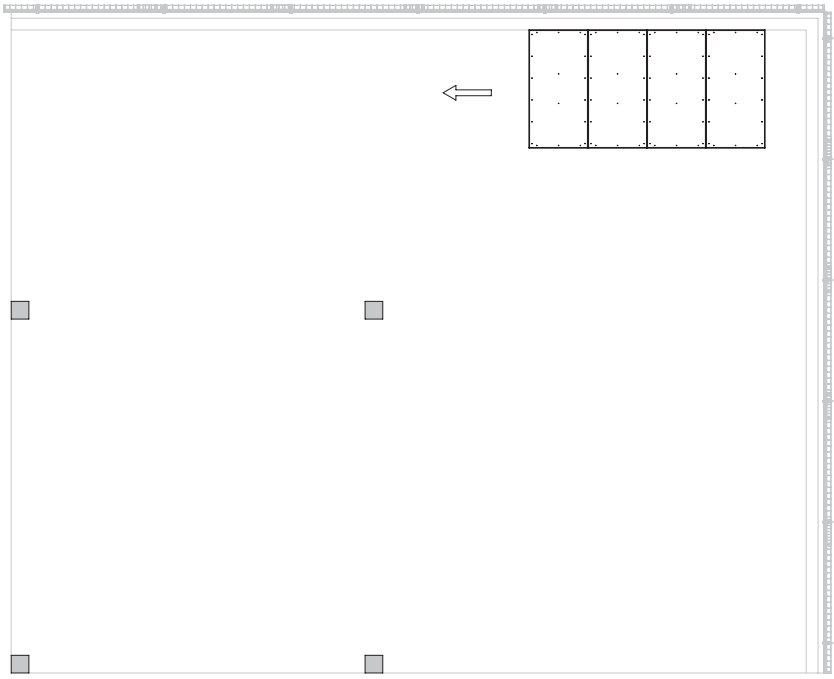


Fig. E1.09

Striking procedure

Danger

- There is a danger of falling when deshuttering!
  This could result in serious injuries or even death.
  ⇒ Carry out the removal work from a safe working position and use PPE to prevent falling from heights.

1. Remove the lateral protection in the filler area. (Fig. E2.01)
2. Lower the slab props of the tables by approx. 5 cm. (Fig. E2.02)
3. Position the table striking and transportation trolley, which has a suitable load-bearing capacity, under the slab table at the centre of gravity (**X**). For greater heights, use a suitable trolley with winch unit. (Fig. E2.03)
4. Insert Multiprop MP by max. 15 cm.
5. Move slab tables horizontally or vertically. (Fig. E2.04)
6. Only when the tables to the right and left of the filler area have been removed can the filler area be deshuttered.
   Carefully remove the tripod and prop and deshutter the filler area.
   In the filler area smaller than 30 cm, be aware that the formlining can fall down suddenly when removing the props. If necessary, use a shuttering aid from a safe area to press the formlining strip against the concrete while the other person is dismantling the prop. In the filler area larger than 30 cm, refer to the Instructions for Assembly and Use for SKYMAX Large Panel Slab Formwork to remove the double beams! (Fig. E2.05)

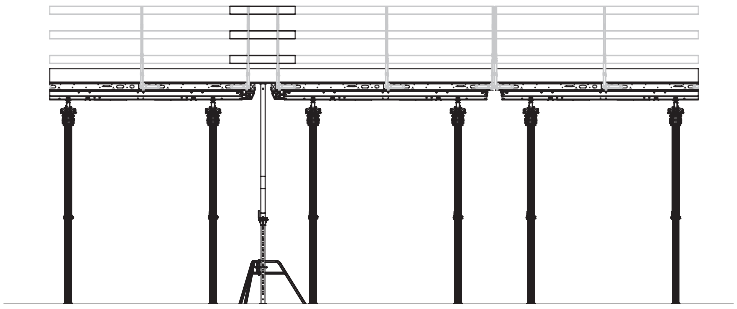


Fig. E2.01

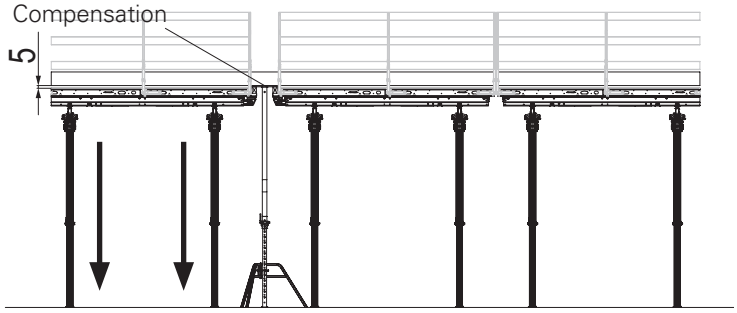


Fig. E2.02

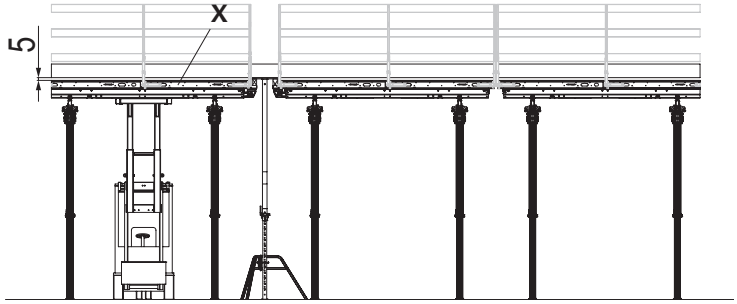


Fig. E2.03

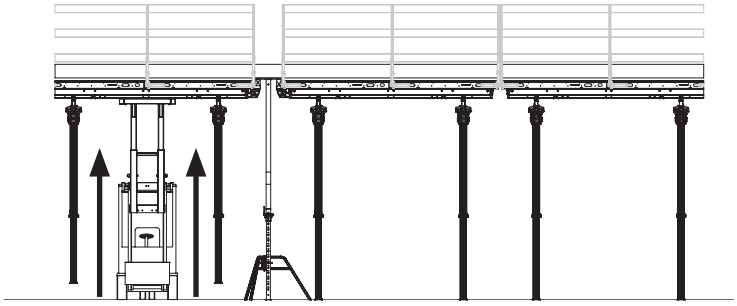


Fig. E2.04

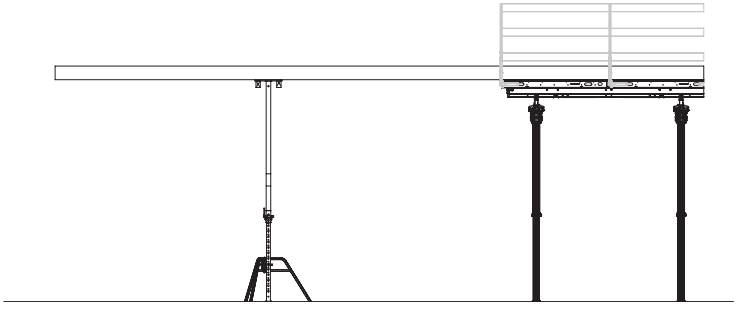


Fig. E2.05

E3 Deshuttering – change from table to standard system

If individual panels are installed in the slab table system, these must first be removed during deshuttering. It is essential to observe the Instructions for Assembly and Use for SKYMAX Large Panel Slab Formwork.

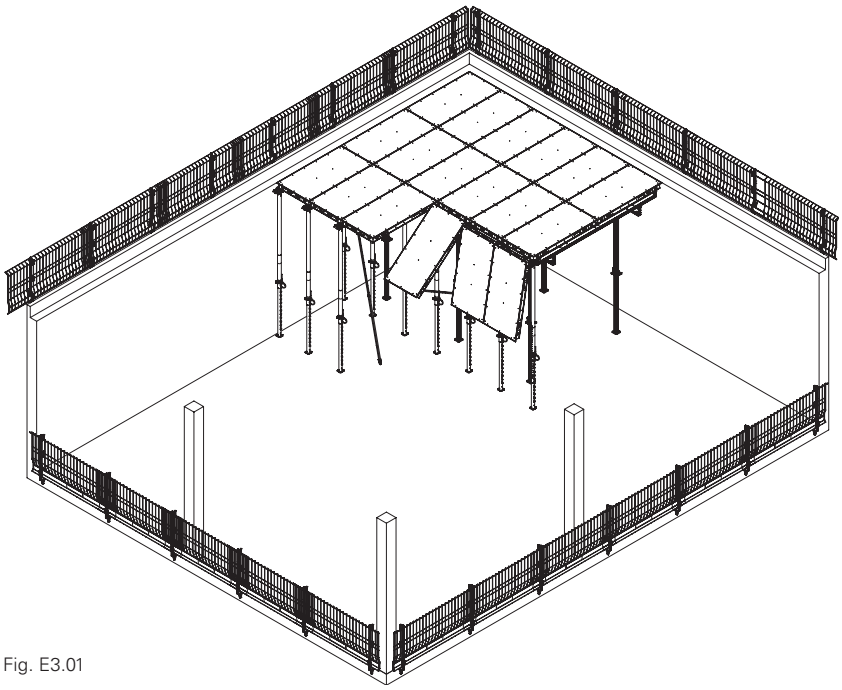


Fig. E3.01

E4 Deshuttering – Lowering

Lowering

- Check stability.
- The lowering procedure must take place gradually.

Lowering

1. Turn the adjusting nut (**11.1**) of the MULTIPROP MP (**11**) and retract the inner tube.
2. Repeat the procedure for all MULTIPROPS MP (**11**).

(Fig. E4.01)

In order to make the lowering procedure easier, the slab table can be held in position with the transportation device. The MULTIPROP MP (**11**) can then be spindled off without being subject to any load.

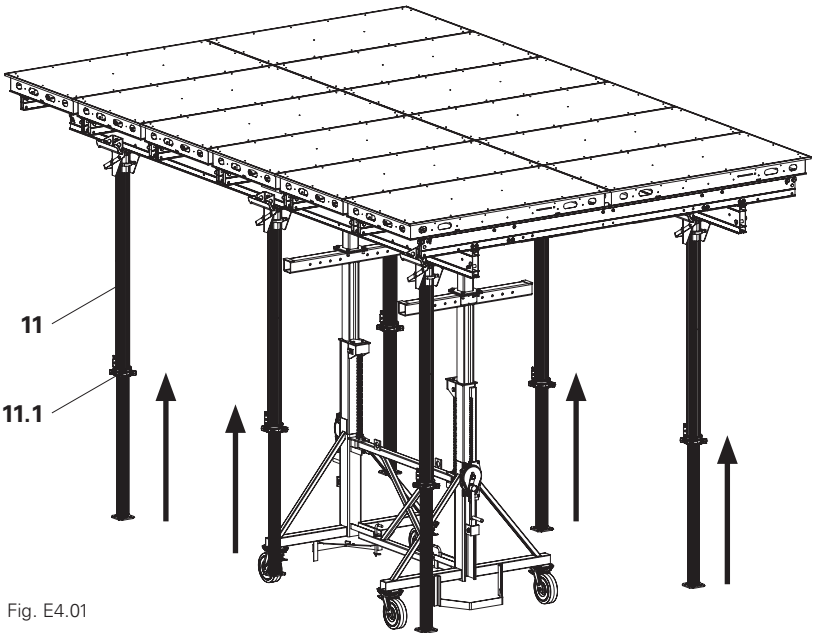


Fig. E4.01

With a crane

- Transporting site personnel is forbidden.
- Observe the instructions for use for the table lifting forks 1.75 t.

Using the table lifting fork (**Z**), slab tables are moved from storey to storey.

Pivoting the slab props
The slab props are pivoted in a longitudinal direction in order to go over parapets or go under beams.
The pivoting direction is already determined when the slab prop is hooked into the Table Head Centre Part VD (**3**).

Pivoting procedure
1. Position the table lifting fork (**Z**), which has a suitable load-bearing capacity, under the table.
2. Unlock the securing bracket (**Y**). (Fig. E5.01)
3. Extend the slab table with the table lifting fork (**Z**), which has a suitable load-bearing capacity.
4. Lift slab props over the parapet or guardrails by hand. Guardrails remain mounted on the building and on the slab table. (Fig. E5.02)
5. Pivot back slab props using an additional swing of the prop.
   ⇒ The securing bracket (**Y**) engages. (Fig. E5.03)

The securing bracket (**Y**) must be engaged. If necessary, engage by hand before positioning.

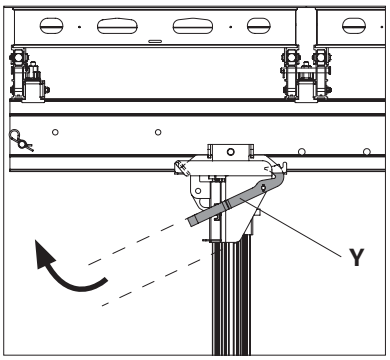


Fig. E5.01

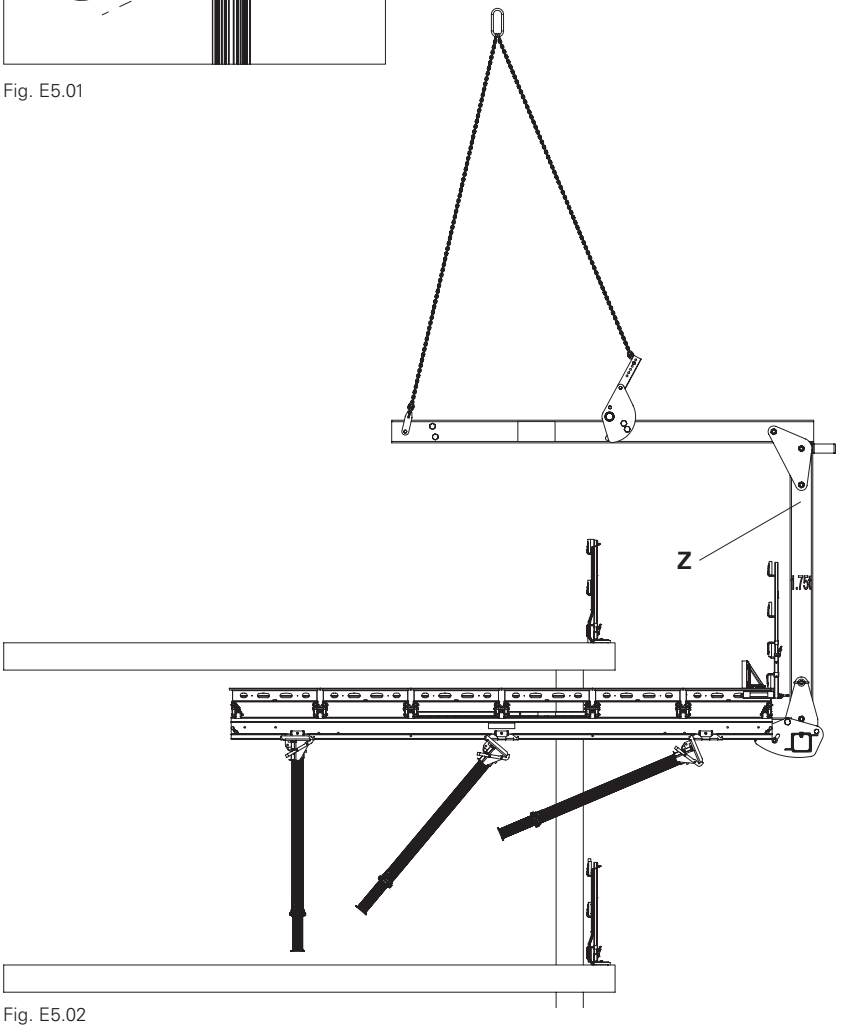


Fig. E5.02

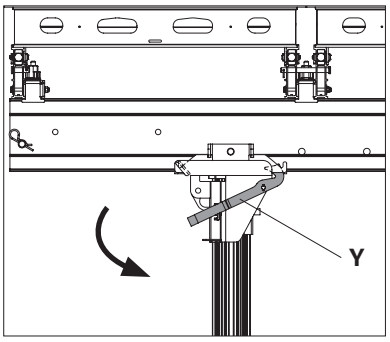


Fig. E5.03

E5 Deshuttering – Vertical moving procedure

Moving

1. Loosen the bracing of the slab table.
2. Lower the slab table by approx. 20 cm and lift with the table lifting fork (**Z**).
3. Fold up the MULTIPROP MP (**11**) and lift out the slab table with the table lifting fork.
4. Fold out MULTIPROP MP (**11**).
5. Fold in MULTIPROP MP (**11**) and lift the slab table out further.
6. Fold out the MULTIPROP MP (**11**), set down the slab table and brace.

(Fig. E5.04 to Fig. E5.08)

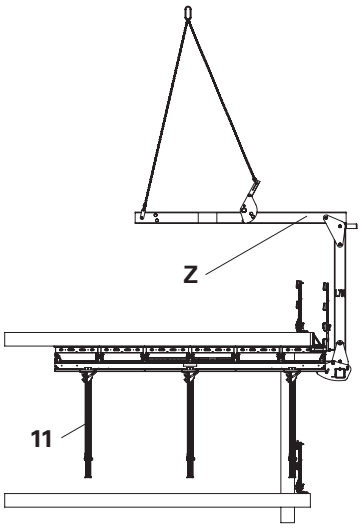


Fig. E5.04

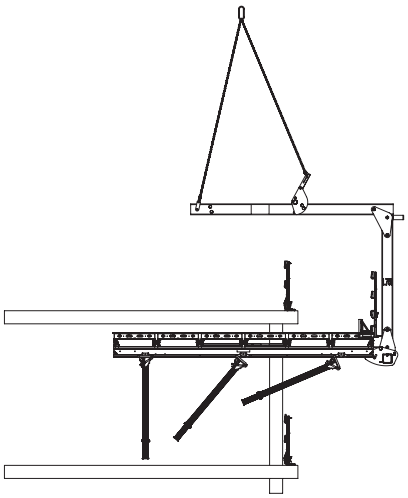


Fig. E5.05

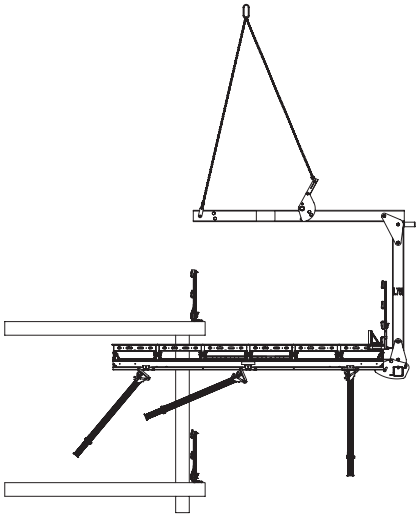


Fig. E5.06

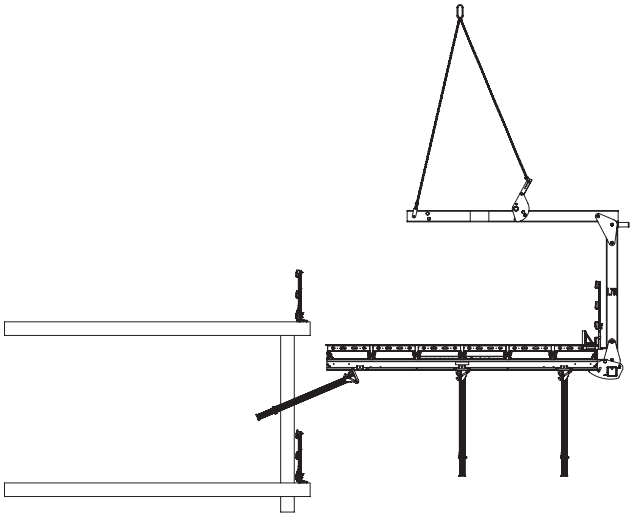


Fig. E5.07

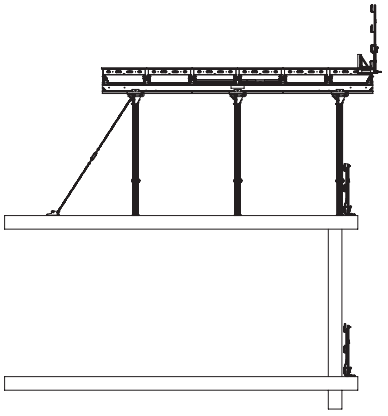


Fig. E5.08

Material Platform RCS MP 375 and RCS MP 550

- Transporting site personnel is forbidden.
- Observe the Instructions for Assembly and Use for Material Platform RCS MP.

Material Platform RCS

- Shoring according to DIN EN 12812.
- Use in load class 3 (200 kg/m²).
- permissible live load 75 kg/m² (with payload 27 kN incl. Table Lift PTL).

Technical data

- RCS MP 375
  - Reach: approx. 3.75 m
  - Platform area: 9.45 m²
  - Max. load: 3400 kg
- RCS MP 550
  - Reach: approx. 5.50 m
  - Platform area: 13.86 m²
  - Max. load: 3740 kg

Observe the Instructions for Assembly and Use for the Material Platform RCS-MP 375 | 550.

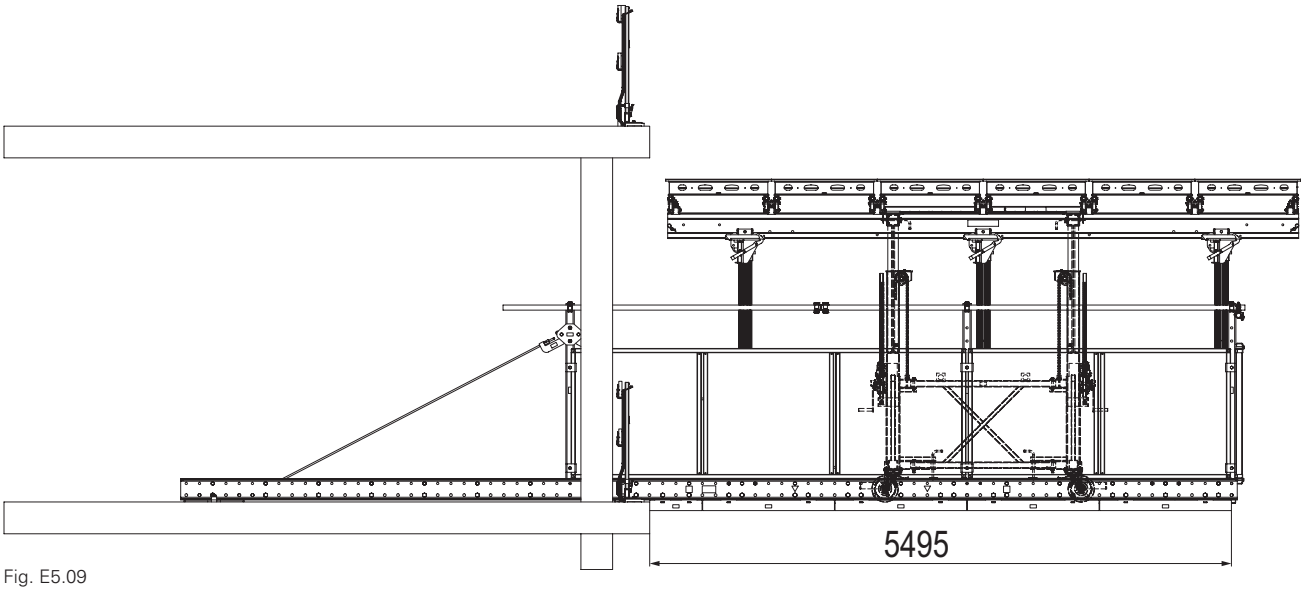


Fig. E5.09

Self-climbing material platform

- Transporting site personnel is forbidden.
- The self-climbing material platform must be planned according to project specifications.

Observe the Instructions for Assembly and Use for the Material Platform RCS-MP 375 | 550.

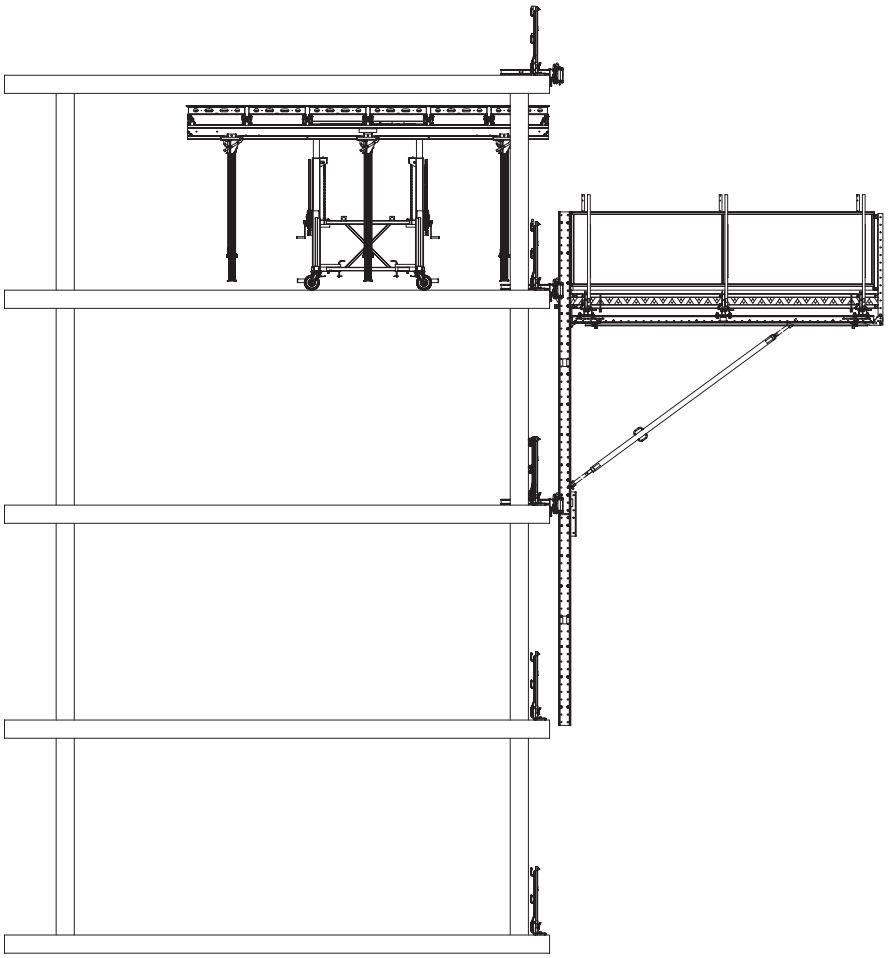


Fig. E5.10

Store and transport components in such a way that no unintentional change in their position is possible. Detach 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.

Use PERI lifting accessories and lifting gear and only those load-bearing points provided on the component.

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.
- no one is allowed to remain under the suspended load.
- Use suitable load-carrying equipment to move the components and always use the designated load-bearing points on the components.
- Always use a guide rope when moving components.
- Move components onto a clean, flat and sufficiently load-bearing substrate only.

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.

- Manually-created transportation units must be correctly stacked and secured.
- Only slab tables of the same size are to be transported in one stack.
- Support plates have to be positioned one on top of the other.

Stack size suitable for truck transport:
Stack max. 2 devices on top of one other.
Height per device approx. 800 mm.
Transport width: 2.4 m (with 3 devices).
These should be mounted offset to each other.
Attach edge protectors.

Moving

Transport regulations for devices:
Move with crane lifting gear or forklift.

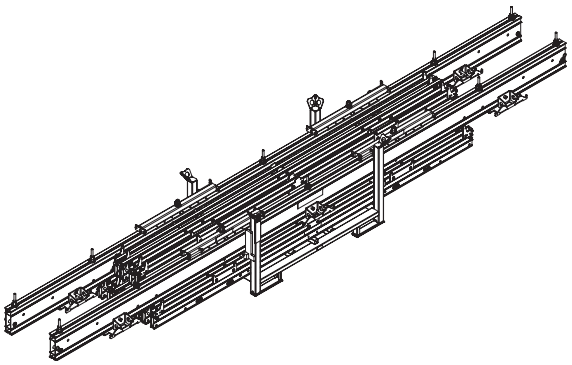


Fig. F2.01

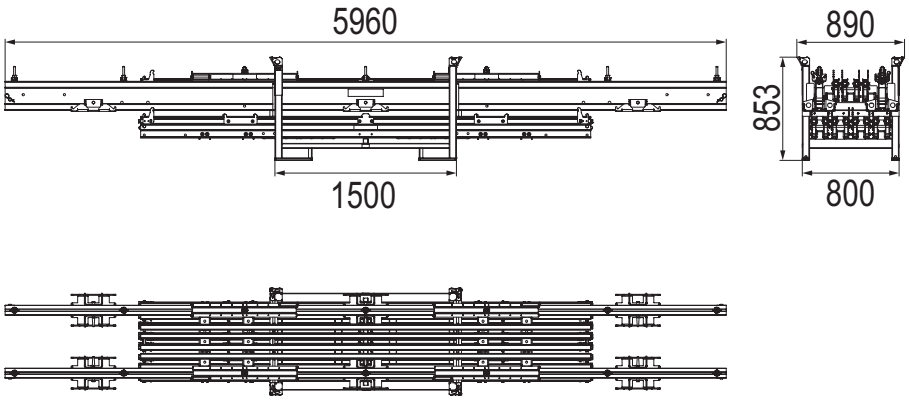


Fig. F2.02

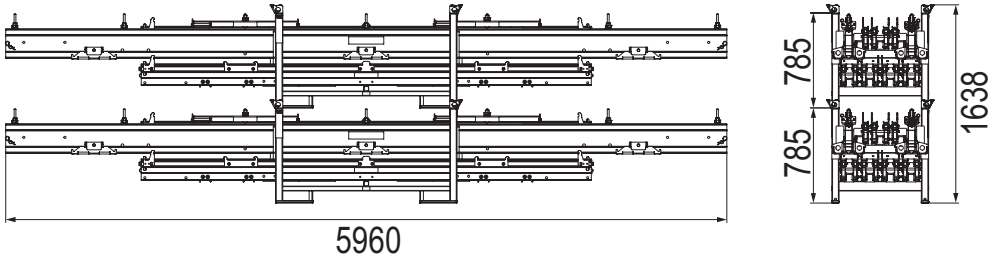


Fig. F2.03

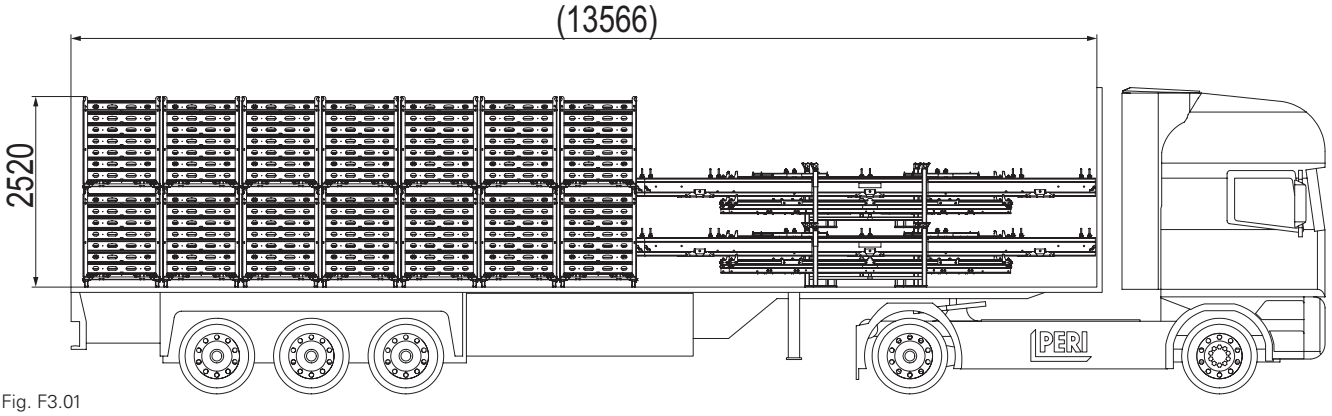


Fig. F3.01

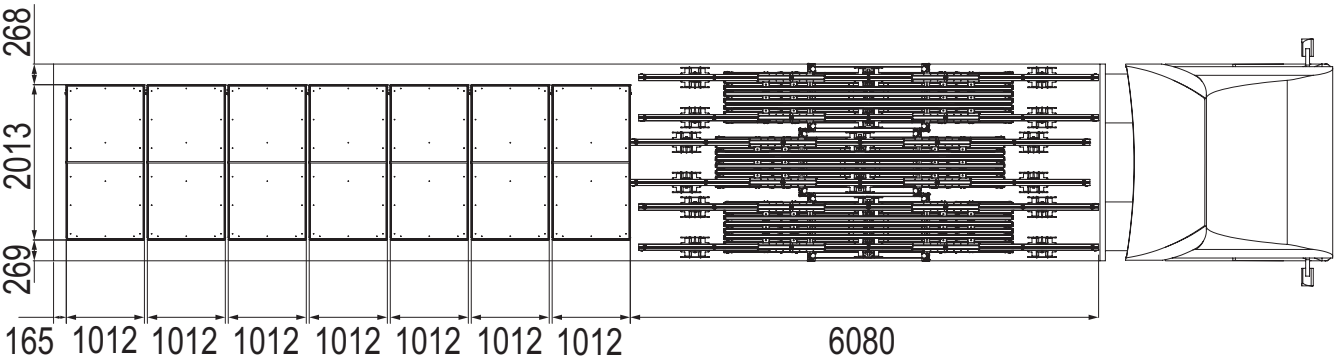


Fig. F3.02

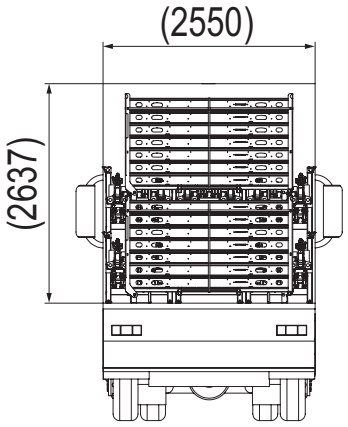


Fig. F3.03

MULTIPROP 250, 350, 480, 625

Permissible prop load [kN] according to type test

Extension length [m]	MP 250 L = 1.45 – 2.50 m		MP 350 L = 1.95 – 3.50 m		MP 480 L = 2.60 – 4.80 m		MP 625 L = 4.30 – 6.25 m	
	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube
1.45	75.5	78.5						
1.50	75.5	78.5						
1.60	75.5	78.5						
1.70	75.5	78.5						
1.80	73.8	78.5						
1.90	70.6	78.5						
1.95	68.0	78.5	91.0	90.1				
2.00	67.3	78.5	91.0	90.1				
2.10	65.7	76.8	86.0	90.1				
2.20	64.1	75.1	80.6	90.1				
2.30	62.5	72.6	75.1	89.8				
2.40	60.8	69.1	70.7	87.9				
2.50	59.2	65.6	66.4	86.1				
2.60			63.7	83.1	88.5	73.6		
2.70			61.1	80.1	83.7	73.3		
2.80			59.2	77.1	78.8	72.9		
2.90			57.4	74.1	74.0	72.6		
3.00			56.0	70.3	69.1	72.2		
3.10			54.5	66.6	64.9	71.4		
3.20			52.9	61.8	60.7	70.7		
3.30			51.3	57.1	56.5	70.0		
3.40			47.7	51.7	54.1	68.2		
3.50			44.2	46.4	51.8	66.5		
3.60					49.4	64.7		
3.70					47.5	60.4		
3.80					45.7	56.1		
3.90					43.8	51.8		
4.00					41.8	48.4		
4.10					39.7	45.0		
4.20					37.7	41.6		
4.30					35.8	39.3	57.9	45.7
4.40					33.9	37.0	56.3	45.7
4.50					32.0	34.8	54.7	45.7
4.60					30.2	30.2	52.5	45.1
4.70					28.3	30.2	50.3	44.4
4.80					26.4	27.9	47.9	43.5
4.90							45.2	42.4
5.00							42.5	41.3
5.10	**MULTIPROP Props are classified according to official approval as follows:**						39.9	39.9
5.20							37.2	38.5
5.30	MP 250 Class T 25			MP 480 Class D 45			34.9	37.1
5.40	MP 350 Class R 35			MP 625 Class D 60			32.8	35.6
5.50							30.8	34.1
5.60	**Note:**						29.3	32.6
5.70	To release loads > 60 kN we recommend using the Wingnut Spanner HD, art. no. 022027.						27.8	31.2
5.80							26.4	29.6
5.90	When using PERI Slab Tables, the permissible load of the MULTIPROP MP 350 prop is a minimum of 56 kN and a minimum of 36 kN for the MP 480 over the entire extension length which is due to the clamping in the Table Swivel Head or UNIPORTAL Head.						25.1	27.9
6.00							23.8	26.2
6.10							22.7	24.8
6.20							21.6	23.4
6.25							21.0	22.7

PEP 20

Permissible prop load [kN] according to type test

Extension length [m]	PEP 20 N 260* L = 1.51 – 2.60 m		PEP 20 – 300 L = 1.71 – 3.00 m		PEP 20 – 350 L = 1.96 – 3.50 m		PEP 20 – 400 L = 2.21 – 4.00 m		PEP 20 – 500 L = 2.71 - 5.00	
	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube
1.60	35.0	35.0								
1.70	35.0	35.0								
1.80	35.0	35.0	36.4	36.4						
1.90	35.0	35.0	36.4	36.4						
2.00	33.5	35.0	36.1	36.4	36.4	36.4				
2.10	31.9	35.0	33.2	36.4	36.4	36.4				
2.20	30.9	35.0	31.4	36.4	36.4	36.4				
2.30	29.8	35.0	29.9	36.4	36.4	36.4	36.4	36.4		
2.40	28.6	35.0	28.7	36.4	36.4	36.4	36.4	36.4		
2.50	27.1	32.9	27.7	36.4	36.4	36.4	36.4	36.4		
2.60	24.8	29.4	26.9	36.3	34.8	36.4	36.4	36.4		
2.70			25.7	32.7	33.4	36.4	36.4	36.4		
2.80			24.0	29.3	32.1	36.4	36.4	36.4	36.4	36.4
2.90			22.3	26.5	31.1	36.4	36.4	36.4	36.4	36.4
3.00			20.5	23.9	30.1	36.4	36.4	36.4	36.4	36.4
3.10					28.3	35.7	34.6	36.4	36.4	36.4
3.20					26.5	32.5	33.5	36.4	36.4	36.4
3.30					24.8	29.7	32.1	36.4	36.4	36.4
3.40					23.1	27.2	30.5	36.4	36.4	36.4
3.50					21.3	24.8	28.7	34.9	36.4	36.4
3.60							26.9	32.1	36.4	36.4
3.70							25.3	29.8	36.4	36.4
3.80							23.7	27.6	36.4	36.4
3.90							22.3	25.5	36.4	36.4
4.00							20.7	23.5	35.3	36.4
4.10									33.3	36.4
4.20									31.5	36.4
4.30									29.8	35.0
4.40									28.2	32.9
4.50									26.8	30.8
4.60									25.3	28.9
4.70									24.1	27.2
4.80									22.8	25.7
4.90									21.5	24.1
5.00									20.3	22.1

All PEP 20 Props conform to DIN EN 1065 Class D, i.e. the permissible prop load for all extension lengths is at least 20 kN.

When using PERI Slab Tables, the permissible load for all PEP 20 Props is a minimum of 30 kN over the entire extension length due to the clamping in the Table Swivel Head or UNIPORTAL Head.

*For the N prop, use of the inner tube at the bottom is only possible with PERI Slab Tables or SKYDECK (bolted head).

PEP 30

Permissible prop load [kN] according to type test

Extension length [m]	PEP 30 – 150 L = 0.96 – 1.50 m		PEP 30 – 250 L = 1.46 – 2.50 m		PEP 30 – 300 L = 1.71 – 3.00 m		PEP 30 – 350 L = 1.96 – 3.50 m		PEP 30 – 400 L = 2.21 – 4.00 m	
	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube
1.00	36.4	36.4								
1.10	36.4	36.4								
1.20	36.4	36.4								
1.30	35.9	36.4								
1.40	35.3	36.4								
1.50	34.5	36.4	42.9	42.9						
1.60			42.9	42.9						
1.70			42.9	42.9						
1.80			42.1	42.9	42.9	42.9				
1.90			39.7	42.9	42.9	42.9				
2.00			37.9	42.9	42.9	42.9	45.5	45.5		
2.10			36.4	42.9	42.9	42.9	45.5	45.5		
2.20			35.5	42.9	42.9	42.9	45.5	45.5		
2.30			34.3	41.5	42.9	42.9	45.5	45.5	41.5	41.5
2.40			33.1	38.7	42.7	42.9	45.5	45.5	41.5	41.5
2.50			31.0	35.9	41.1	42.9	45.5	45.5	41.5	41.5
2.60					40.0	42.9	45.5	45.5	41.5	41.5
2.70					38.5	42.9	45.5	45.5	41.5	41.5
2.80					36.9	41.6	45.5	45.5	41.5	41.5
2.90					34.2	38.3	45.0	45.5	41.5	41.5
3.00					31.3	34.8	43.6	45.5	41.5	41.5
3.10							41.4	44.2	41.5	41.5
3.20							38.7	42.1	41.5	41.5
3.30							36.1	38.7	41.5	41.5
3.40							33.3	35.7	41.5	41.5
3.50							30.7	32.5	41.5	41.5
3.60									41.5	41.5
3.70									41.3	41.5
3.80									38.5	41.3
3.90									35.9	38.1
4.00									33.2	34.9

All PEP 30 Props conform to DIN EN 1065 Class E, i.e. the permissible prop load for all extension lengths is at least 30 kN.

When using PERI Slab Tables, the permissible load for all PEP 30 Props is a minimum of 40 kN (PEP 30-150 = 35 kN) over the entire extension length due to the clamping in the Table Swivel Head or UNIPORTAL Head.

PEP Ergo D

Permissible prop load [kN]

Extension length [m]	PEP Ergo D-150 L = 0.98 – 1.50 m		PEP Ergo D-250 L = 1.47 – 2.50 m		PEP Ergo D-350 L = 2.26 – 3.50 m		PEP Ergo D-400 L = 2.51 – 4.00 m		PEP Ergo D-500 L = 3.26 – 5.00 m	
	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube
1.00	30.8	30.8								
1.10	30.8	30.8								
1.20	30.8	30.8								
1.30	30.8	30.8								
1.40	28.5	30.8								
1.50	26.4	30.8	35.0	35.0						
1.60			35.0	35.0						
1.70			32.9	35.0						
1.80			30.7	35.0						
1.90			29.1	35.0						
2.00			28.1	35.0						
2.10			27.3	35.0						
2.20			26.5	34.1						
2.30			25.7	32.3	40.0	40.0				
2.40			24.3	29.4	40.0	40.0				
2.50			22.4	26.3	40.0	40.0				
2.60					38.0	40.0	40.0	40.0		
2.70					35.2	40.0	40.0	40.0		
2.80					33.1	40.0	40.0	40.0		
2.90					31.3	40.0	40.0	40.0		
3.00					29.9	40.0	40.0	40.0		
3.10					28.5	39.0	37.7	40.0		
3.20					27.2	35.3	35.7	40.0		
3.30					25.3	32.1	33.9	40.0	40.0	40.0
3.40					23.5	29.2	32.5	40.0	40.0	40.0
3.50					21.7	26.5	31.0	39.7	40.0	40.0
3.60							29.0	36.4	40.0	40.0
3.70							27.0	33.3	40.0	40.0
3.80							25.2	30.7	40.0	40.0
3.90							23.5	28.2	40.0	40.0
4.00							21.8	26.0	40.0	40.0
4.10									39.3	40.0
4.20									36.5	40.0
4.30									34.0	39.2
4.40									31.8	37.0
4.50									29.9	34.6
4.60									28.1	32.4
4.70									26.4	30.4
4.80									24.8	28.5
4.90									23.4	26.8
5.00									21.8	25.3

Notes:

- The PERI PEP Ergo D-150, PEP Ergo D-250, PEP Ergo D-350, PEP Ergo D-400 and PEP Ergo D-500 Props meet the load-bearing capacity requirements of prop class D of DIN EN 1065.
- The PEP Ergo D-250 prop also fulfils the prop class B requirements of DIN EN 1065.
- General Technical Approval Z-8.311-934 for PERI PEP Ergo D-150 and PEP Ergo D-250.
- General Technical Approval Z-8.311-941 for PERI PEP Ergo D-350, PEP Ergo D-400 and PEP Ergo D-500.

PEP Ergo E

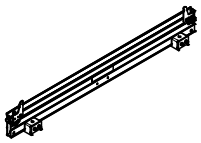
Permissible prop load [kN]

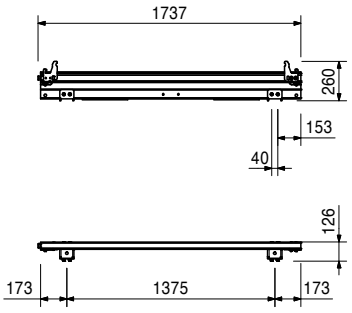
Extension length [m]	PEP Ergo E-300 L = 1.96 – 3.00 m		PEP Ergo E-400 L = 2.51 – 4.00 m	
	Lower outer tube	Lower inner tube	Lower outer tube	Lower inner tube
2.0	50.4	50.4		
2.1	50.4	50.4		
2.2	50.4	50.4		
2.3	50.4	50.4		
2.4	50.4	50.4		
2.5	48.9	50.4		
2.6	46.7	50.4	50.4	50.4
2.7	44.7	50.4	50.4	50.4
2.8	43.0	50.4	50.4	50.4
2.9	41.2	50.4	50.4	50.4
3.0	39.1	46.3	50.4	50.4
3.1			50.4	50.4
3.2			50.4	50.4
3.3			50.4	50.4
3.4			50.4	50.4
3.5			48.5	50.4
3.6			46.0	50.4
3.7			42.7	48.4
3.8			39.7	44.7
3.9			36.9	41.1
4.0			34.1	37.7

Notes:

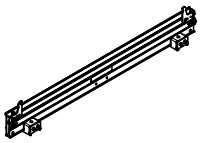
- The PERI PEP Ergo E-300 and PEP Ergo E-400 Props fulfil the load-bearing capacity requirements of prop class E of DIN EN 1065.
- General Technical Approval Z-8.311-941 of the German Institute for Structural Engineering (DIBt).

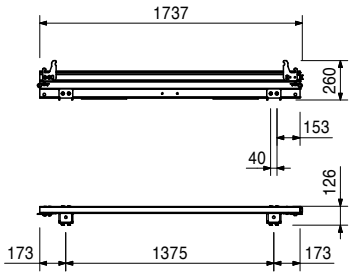
Art no.	Weight [kg]	
137841	13.400	**External Beam SXT EB 200 R**



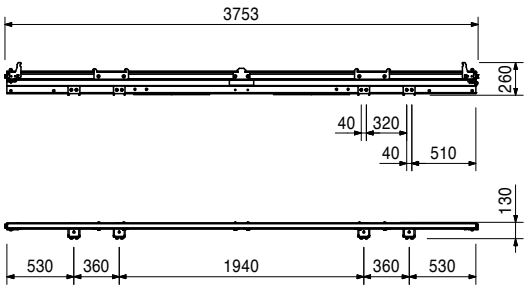


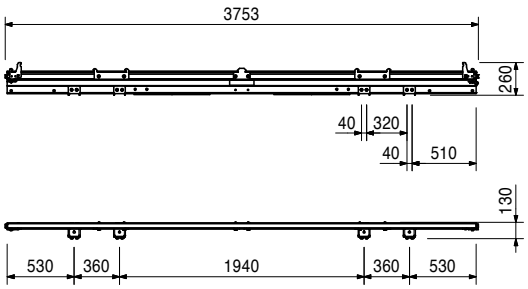
Art no.	Weight [kg]	
137864	13.400	**External Beam SXT EB 200 L**



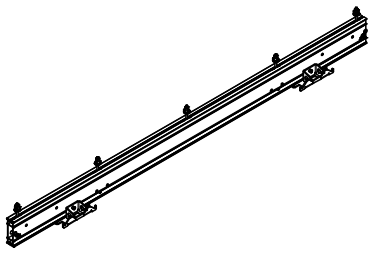


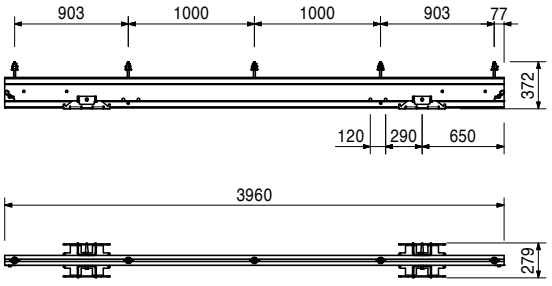
Art no.	Weight [kg]	
137829	29.500	**External Beam SXT EB 400**





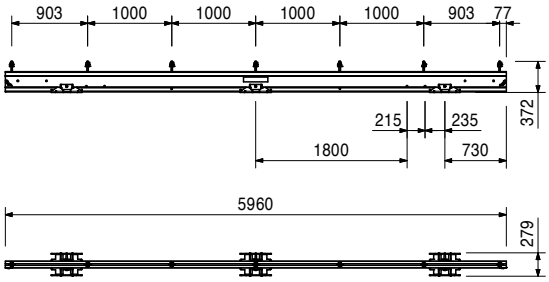
Art no.	Weight [kg]	
137877	54.300	**Main Beam SXT MB 400**



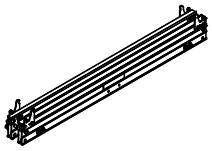


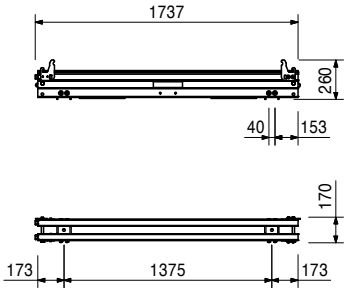
Art no.	Weight [kg]	
137879	81.000	**Main Beam SXT MB 600**



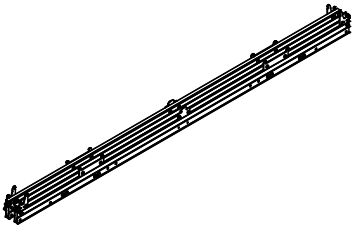


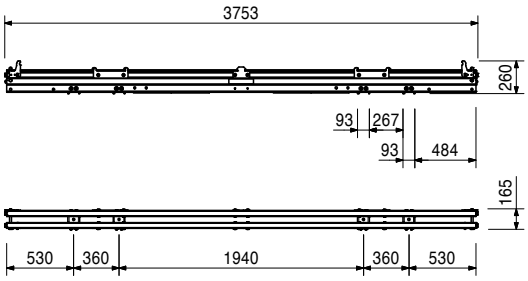
Art no.	Weight [kg]	
137863	23.700	**Double Beam SXT DB 200**



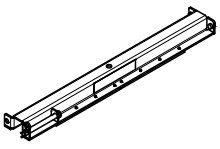


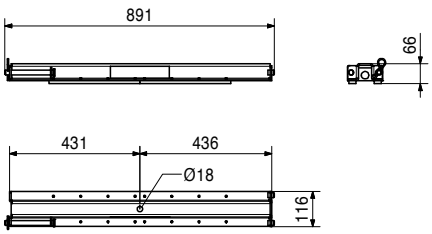
Art no.	Weight [kg]	
137880	52.500	**Double Beam SXT DB 400**



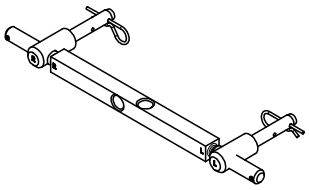


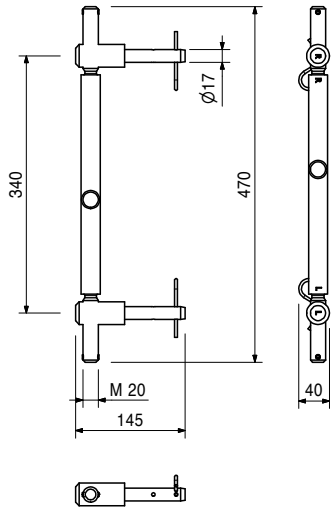
Art no.	Weight [kg]	
137839	8.030	**Transport Support SXT TS**



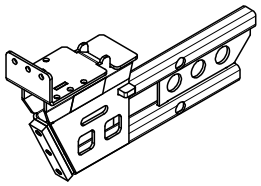


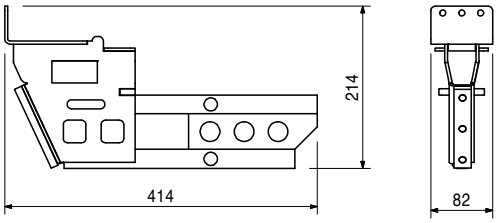
Art no.	Weight [kg]	
137848	2.630	**Table Connector SXT TC**





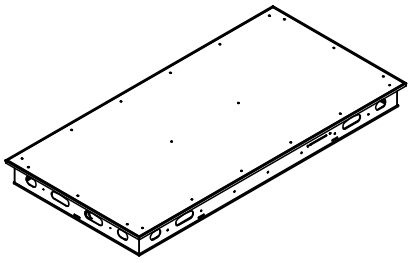
Art no.	Weight [kg]	
137859	3.240	**Compensation Bracket SXT COB**

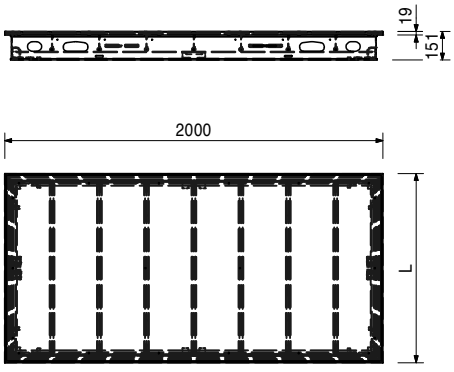




Art no.	Weight [kg]	
		Panels SXP Alu
137260	18.900	**Panel SXP 100 x 100 Alu**
133382	32.500	**Panel SXP 200 x 100 Alu**

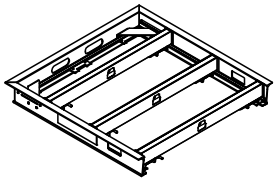
Panel with 9 mm formlining.

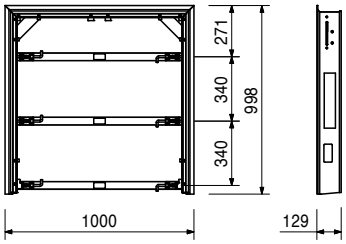




Art no.	Weight [kg]	
136753	14.800	**Column Frame SXP CF T2**

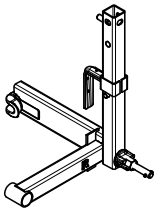
1 x 1 m.

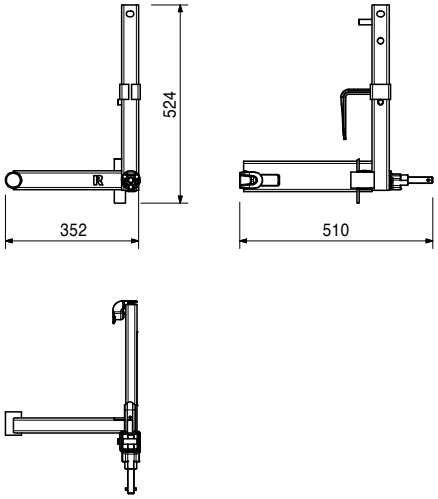




Art no.	Weight [kg]	
136181	6.730	**Guardrail Post HLR. SXP GPR T2**

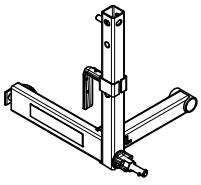
For aluminium and polymer panels.

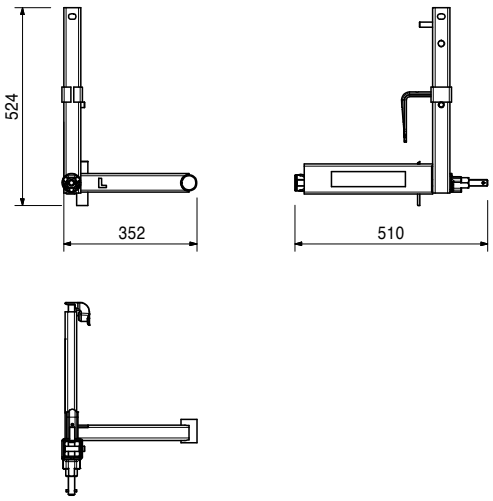




Art no.	Weight [kg]	
136187	6.740	**Guardrail Post HLR. SXP GPL T2**

For aluminium and polymer panels.





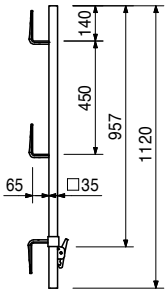
Art no.	Weight [kg]	
117325	4.270	**Post PP 110**

For the fixation of the side mesh barriers.

Notes

Maximum distance of posts with side mesh barrier: PMB 260 max. 2.40 m.

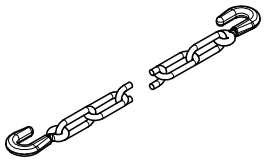


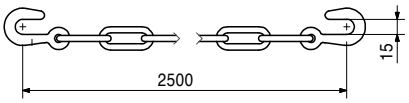


Art no.	Weight [kg]	
065073	1.370	**Anchor Chain 3.0 kN, l = 2.5 m**

Notes

Permissible tension force 3.0 kN.

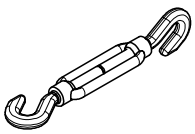


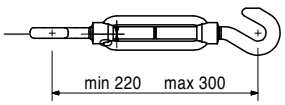


Art no.	Weight [kg]	
065074	0.450	**Turnbuckle 3.0 kN, M12**

Notes

Permissible tension force 3.0 kN.



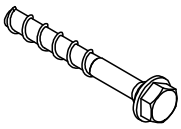


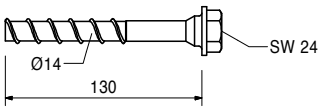
Art no.	Weight [kg]	
124777	0.210	**Anchor Bolt PERI 14/20 x 130**

For temporary attachment to reinforced concrete components.

Notes

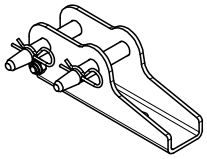
Take the PERI Data Sheet into consideration!
Hole Ø 14 mm.

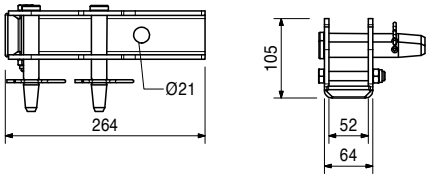




Art no.	Weight [kg]	
126666	3.040	**Base Plate-3 for RS 210 - 1400**

For assembly of Push-Pull Props RS 210, 260, 300, 450, 650, 1000 and 1400.



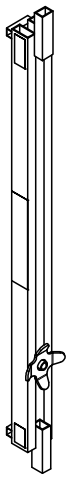


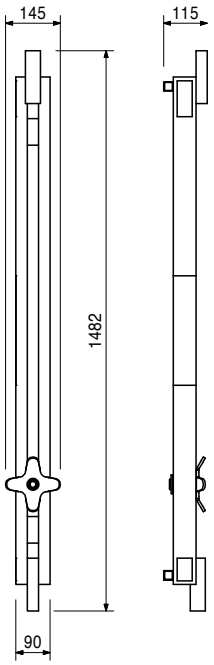
Consists of

2 pc 105400 Pin Ø 20 x 140, galv.
2 pc 018060 Cotter Pin 4/1, galv.
1 pc 113063 Bolt ISO 4014 M12 x 80-8.8, galv.
1 pc 113064 Hex Nut ISO 7042-M12-8-G, galv.

Art no.	Weight [kg]	
133934	4.800	**Wall Holder SXP W**

For horizontal anchoring to the wall.

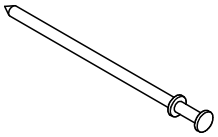


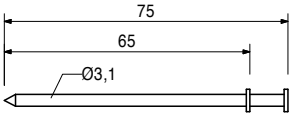


Art no.	Weight [kg]	
018280	1.000	**Double Head Nail, l = 65 mm**

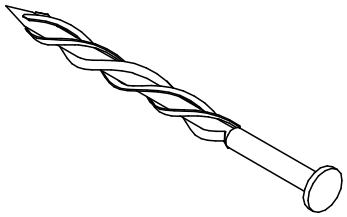
Notes

Delivery unit: carton with 1000 pieces.





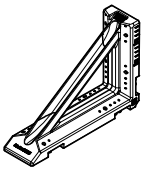
Art no.	Weight [kg]	
		Screwnails, galv.
024530	0.001	**Screwnail 40 mm, galv.**
024310	0.005	**Screwnail 70 mm, galv.**
024350	0.010	**Screwnail 90 mm, galv.**

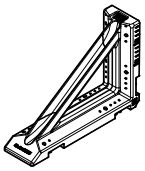


Art no.	Weight [kg]	
126299	0.466	**Plastic Slab Stopend Angle**

Notes

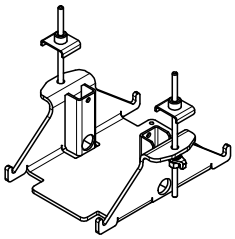
See data sheet!

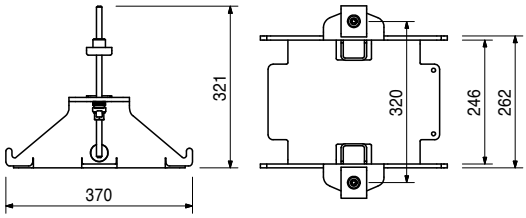




Art no.	Weight [kg]	
117185	10.400	**Table Head Middle Part VD**

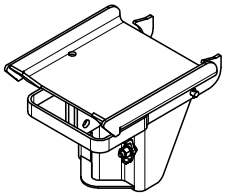
For assembling PERI Slab Tables.

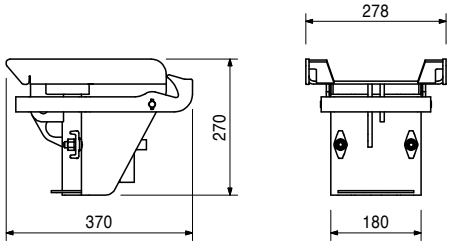




Art no.	Weight [kg]	
100956	11.900	**Table Swivel Head, Lower Part**

For assembling PERI Slab Tables. With quick-release clamp for slab props from Ø 57 mm as well as PERI MULTIPROP props.





Accessory (not included)

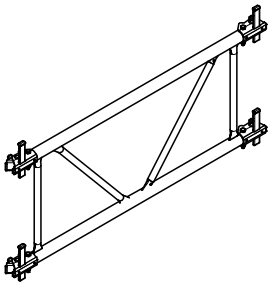
710338	0.093	**Mininut**

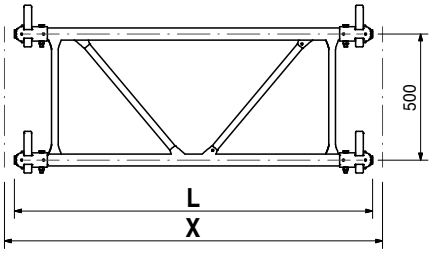
Art no.	Weight [kg]		L [mm]	X [mm]
		Multiprop Frames MRK		
028350	16.300	**Frame MRK 150**	1420	1500
117358	17.000	**Frame MRK 350**	3420	3500

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

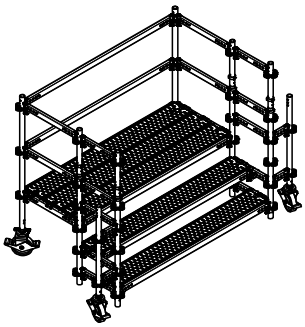
Notes

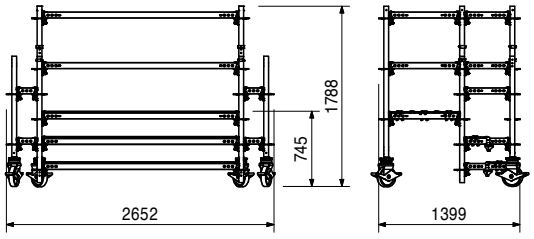
L = Loading Length
X = Axis Length



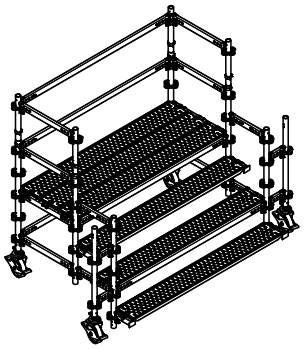


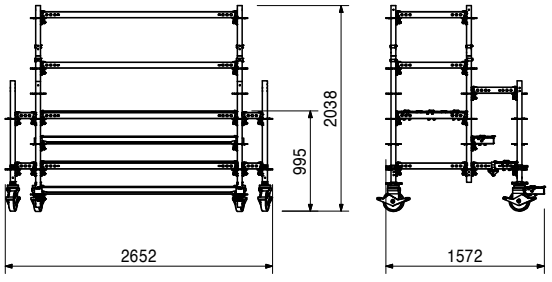
Art no.	Weight [kg]	
001154	233.000	**PERI UP UDG-1 Rolling Platform 75**





Art no.	Weight [kg]	
001155	246.000	**PERI UP UDG-1 Rolling Platform 100**



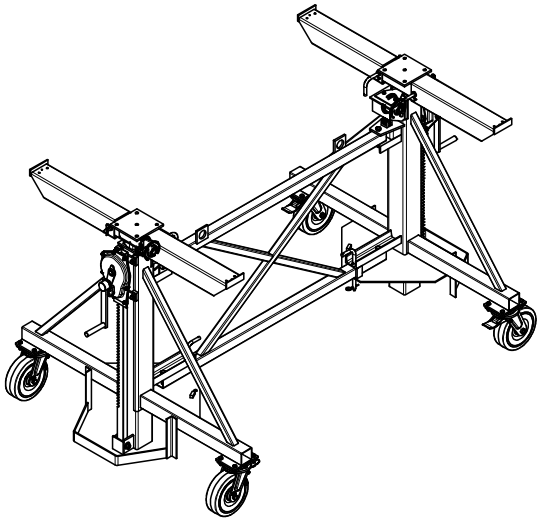


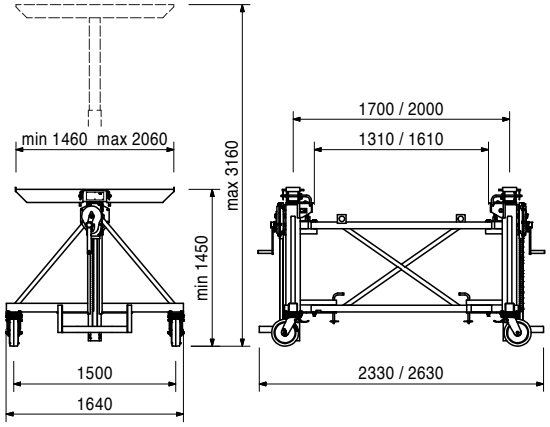
Art no.	Weight [kg]	
		Table Trolleys 2 t
028715	428.000	**Table Trolley 2 t, l = 1.70 m**
028710	433.000	**Table Trolley 2 t, l = 2.00 m**

For moving PERI Slab Tables. Not approved for transporting site personnel! Only move on clean and flat surfaces with a sufficient load-bearing capacity.

Notes

Follow Instructions for Use!
Utilisation height 1.45 m up to 3.16 m.
With Extension 100 up to 4.16 m.
With Extension 100 and Extension 60 up to 4.76 m.
Load-carrying capacity per winch 1.0 t.



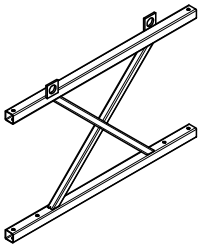


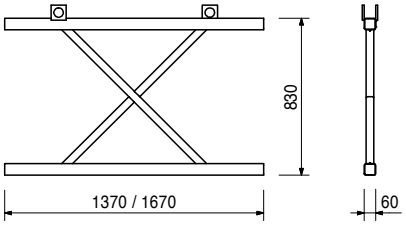
Accessory (not included)

101854	21.200	**Central Cross 170**
102251	26.200	**Central Cross 200**

Art no.	Weight [kg]	
		Central crosses
101854	21.200	**Central Cross 170**
102251	26.200	**Central Cross 200**

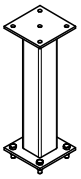
For Table Trolley 2 t, l = 2.00 m or 1.70 m.

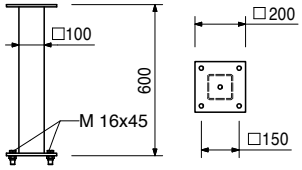




Art no.	Weight [kg]	
104050	15.100	**Extension 60 for Table Trolley**

2 pieces per Table Trolley. With the Extension 60 and Attachment 100, the working height of the trolley increases: min. height 3.05 m, max. height 4.80 m.



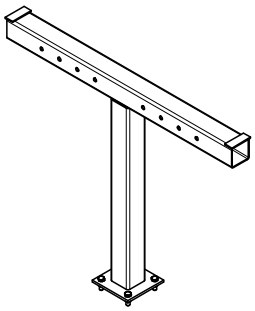


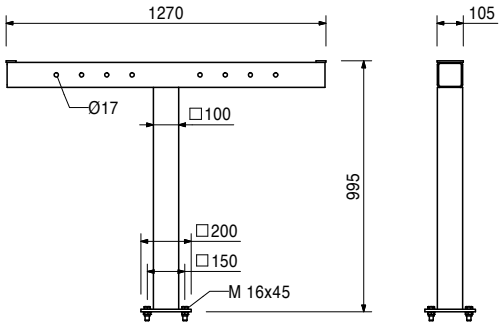
Consists of

1 pc 113989 Bolt ISO 4017 M16 x 045-8.8, galv.

Art no.	Weight [kg]	
028720	34.600	**Attachment 100 for Table Trolley**

2 pieces per Table Trolley. Use telescopic arms of the trolley.
With the Extension 100, the working height of the trolley increases: min. height 2.45 m, max. height 4.20 m



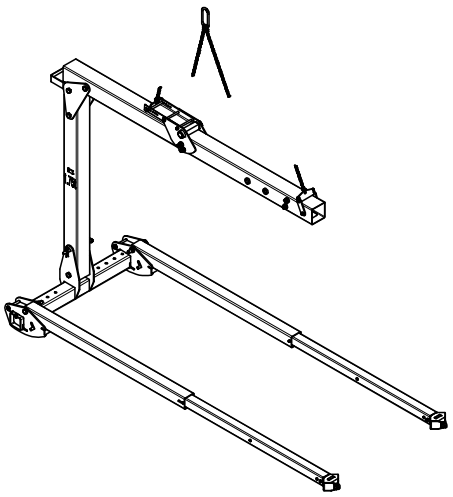


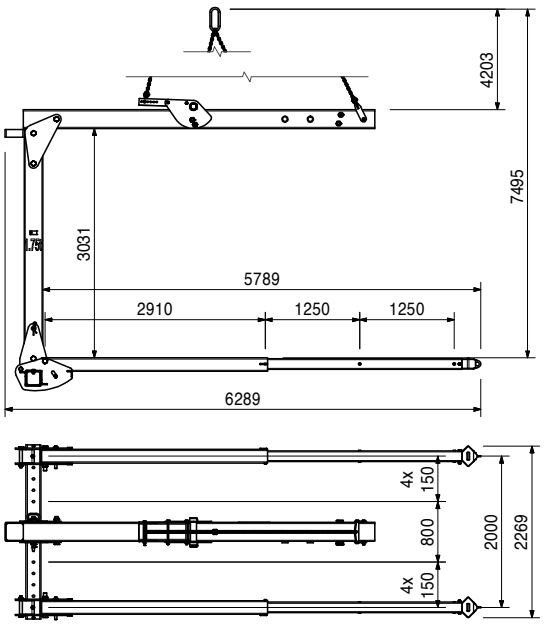
Art no.	Weight [kg]	
103212	1,570.000	**Lifting Fork 1.75 t/8.0 m**

For moving PERI Slab Tables. Table length up to 8.0 m

Notes

Follow Instructions for Use!
Permissible load-bearing capacity 1.75 t.



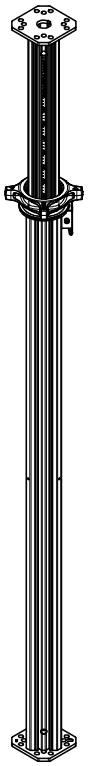


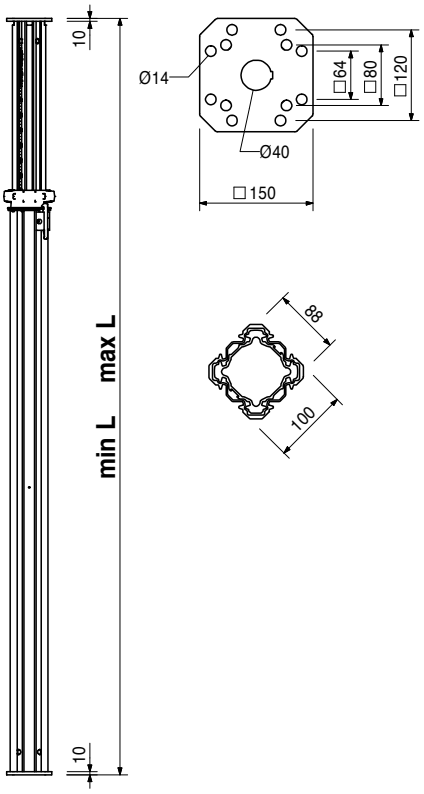
Art no.	Weight [kg]		min. L [mm]	max. L [mm]
		MULTIPROP MP		
027288	10.200	**MULTIPROP MP 120**	800	1200
027289	15.400	**MULTIPROP MP 250**	1450	2500
027290	19.500	**MULTIPROP MP 350**	1950	3500
027291	24.700	**MULTIPROP MP 480**	2600	4800
027305	34.500	**MULTIPROP MP 625**	4300	6250

Slab prop made of aluminium. Used as individual prop as well as in combination with MULTIPROP MRK Frames to form towers.

Notes

Permissible load: see PERI Design Tables.





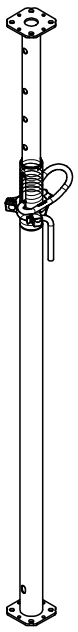
SKYMAX Slab Table

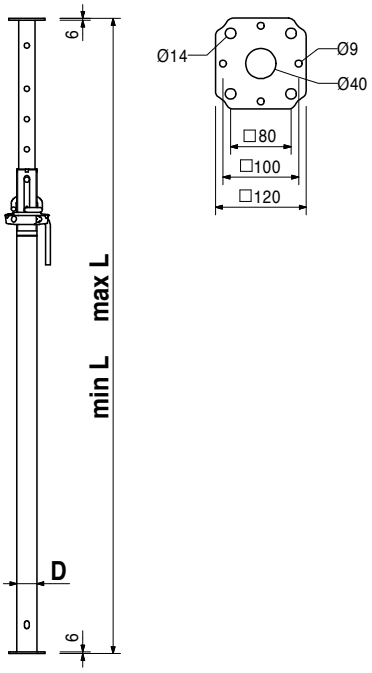
Art no.	Weight [kg]		D [mm]	min. L [mm]	max. L [mm]
		Slab Props PEP 20, galv.			
103061	30.600	**Slab Prop PEP 20-500, galv.**	84	2710	5000
103060	22.900	**Slab Prop PEP 20-400, galv.**	75.5	2210	4000
103059	19.600	**Slab Prop PEP 20-350, galv.**	71.5	1960	3500
103058	16.100	**Slab Prop PEP 20-300, galv.**	66	1710	3000

Slab prop made of steel.

Notes

Permissible load: see PERI Design Tables.



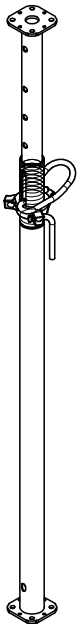


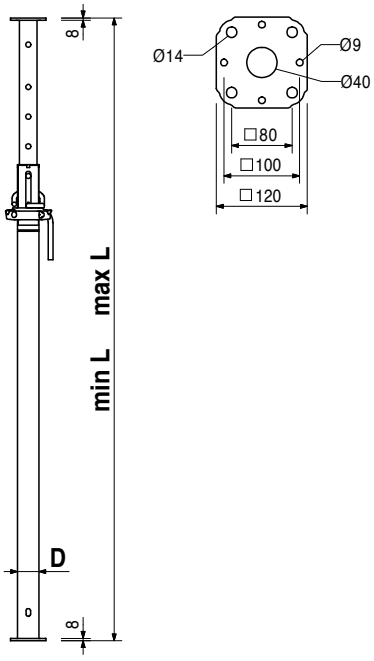
Art no.	Weight [kg]		D [mm]	min. L [mm]	max. L [mm]
		Slab Props PEP 30, galv.			
103065	27.500	**Slab Prop PEP 30-400, galv.**	84	2210	4000
103063	23.100	**Slab Prop PEP 30-350, galv.**	75.5	1960	3500
103062	19.000	**Slab Prop PEP 30-300, galv.**	71.5	1710	3000
103067	15.400	**Slab Prop PEP 30-250, galv.**	66	1460	2500
103066	10.800	**Slab Prop PEP 30-150, galv.**	66	960	1500

Slab prop made of steel.

Notes

Permissible load: see PERI Design Tables.



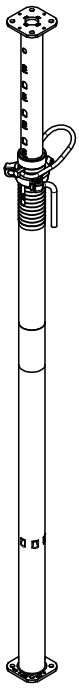


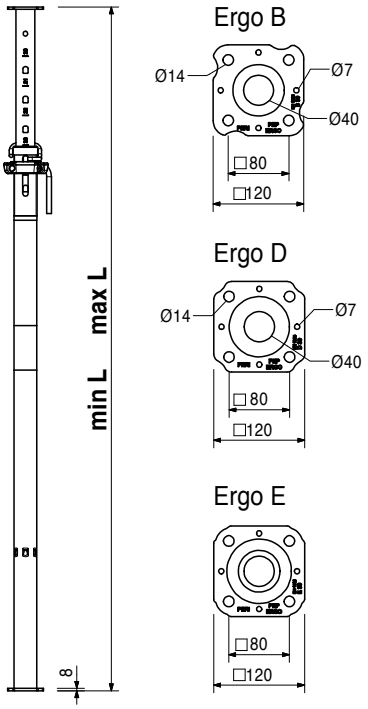
Art no.	Weight [kg]		D [mm]	min. L [mm]	max. L [mm]
		Slab Props PEP Ergo			
116790	15.600	**Slab Prop PEP Ergo B-350**	60.6	2250	3500
116780	14.000	**Slab Prop PEP Ergo B-300**	60.6	1970	3000
125150	30.400	**Slab Prop PEP Ergo D-500**	83	3260	5000
125140	22.900	**Slab Prop PEP Ergo D-400**	76.5	2510	4000
125130	19.400	**Slab Prop PEP Ergo D-350**	71	2260	3500
116770	13.100	**Slab Prop PEP Ergo D-250**	60.6	1470	2500
117230	9.110	**Slab Prop PEP Ergo D-150**	60.6	980	1500
125170	26.600	**Slab Prop PEP Ergo E-400**	83	2510	4000
125160	19.400	**Slab Prop PEP Ergo E-300**	76.5	1960	3000

Slab prop made of steel.

Notes

Permissible load: see PERI Design Tables.



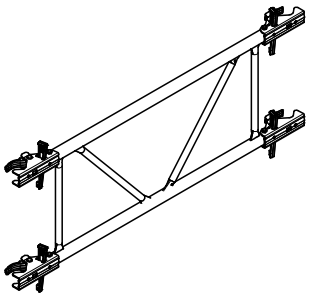


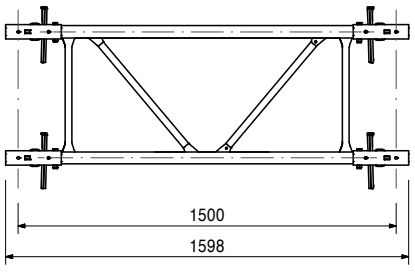
Art no.	Weight [kg]		L [mm]	X [mm]
111814	20.100	**PEP Frame PRK 150**	1598	1500

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

Notes

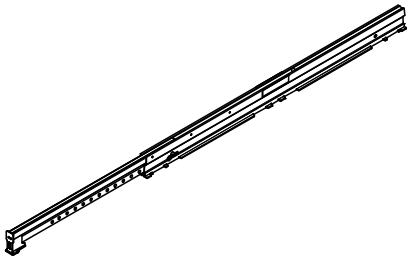
L = Loading Length
X = Axis Length

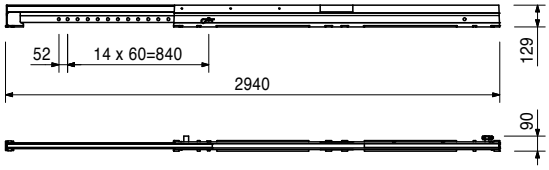




Art no.	Weight [kg]	
136132	11.200	**Telescopic Beam SXP TBR 200-300**

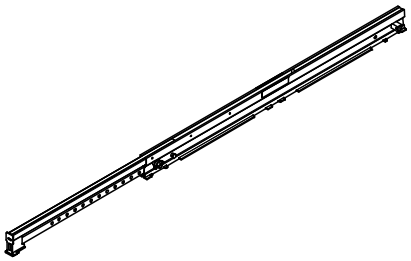
Allows easy, safe and flexible closing of compensation areas (L=2-3 m).

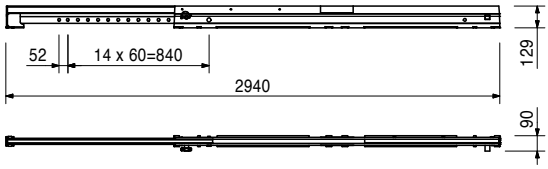




Art no.	Weight [kg]	
136133	11.200	**Telescopic Beam SXP TBL 200-300**

Allows easy, safe and flexible closing of compensation areas (L=2-3 m), left version.



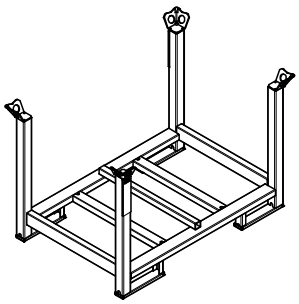


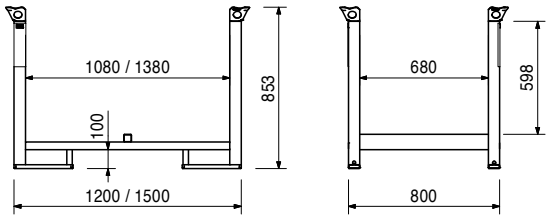
Art no.	Weight [kg]		L [mm]
103434	38.500	**Pallet RP-2 80 x 120, galv.**	1200

For stacking and transportation of formwork and scaffolding components.

Notes

Follow Instructions for Use!
Permissible load-bearing capacity 1.5 t.





The optimal system for all projects and every requirement



Wall formwork



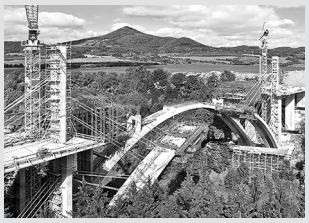
Column formwork



Slab formwork



Climbing systems



Bridge formwork



Tunnel formwork



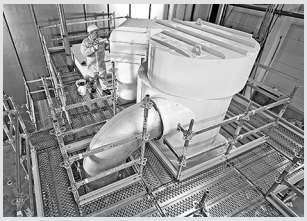
Shoring



Working scaffolds for construction



Working scaffolds for facades



Working scaffolds for industry



Access



Safety scaffolds



Safety systems



System-independent accessories



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Greve Main 26
2670 Greve
Tlf. +45 4345.3627
peri@peri.dk
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