

H 20 Floor Table

Instructions for erection and use

June 2006



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2.0 Product features

The 10 m² and 12.5 m² sized H20 floor tables are delivered to the job-site as completely pre-assembled units. They consist of H20 timber beams used as double primary beams and single secondary beams. Together with the 21 mm thick plywood sheet, the table structure is designed for concrete slabs of up to 45 cm thickness in total (table 10 m²).

Only the height-related steel props for the construction tack have to be attached to the tables on the job-site. For this procedure and connection, the H 20 Floor Table structure is already provided with HT-table heads. All commonly used steel props in the market can be simply and fast mounted to the table using the integrated locking wedges which assure a tight and stable connection. The table heads are also provided with hinges which allow the integrated steel props to be folded up. In this way obstacles (e.g. parapets) of any kind can be passed over without disconnecting the props again when shifting floor tables.

Assembly of the HT-table head is quite simple. It is fastened to the double primary beams only with a short piece of tie rod and a wing nut (no drilling, no screwing and no special tool to be required).

The following points have to be considered using H 20 Floor Tables

All Information given about allowable loads are only valid for a table structure horizontally secured against existing stable building components (walls, columns, etc.).

It is not allowed to transfer any horizontal loads (also loads from V/100) via the steel props of the table structure to the ground or floor slab. The top structure of the floor table itself has to be secured horizontally by adequate measures against existing concrete components (e.g. by wedging to Walls or columns or by bracing of some other kind). After placing the floor table and securing it, the steel props have to be aligned vertically. Eccentric loads as well as big single loads have to

be avoided because the props will only be able to take centric and/or symmetrical loads.
Free-standing floor tables may only be entered for cleaning or shifting operations by one person at the most. In this case the floor table must be positioned on a solid and stable ground.

During moving and shifting the floor tables no persons, tools or materials are allowed to be on the table.

Divergent table sizes require a separate statical proof.

2.1 Safety hints

The following instructions for erection and use comprise detailed information on handling and use of the listed and depicted products used in accordance with the prescriptions.

The function-related instructions stated in this assembly manual have to be strictly obeyed to. Deviations from this always require a separate statical proof.

All nationally valid prescriptions and regulations regarding safety and health on construction sites have to be adhered to.

Safety regulations of the professional association and/or other relevant authorities have to be taken notice of, too.

Use only original parts supplied by **HÜNNEBECK** which are in an immaculate and undamaged condition. Therefore, all components have first to be checked visually to make sure that they are from the **HÜNNEBECK** company and are not damaged before they will be installed. Damaged parts have to be sorted out and replaced by new ones.

For repairs, only original parts of the **HÜNNEBECK GMBH** have to be used as spare or replacement parts.

Combined use of our temporary edge protection system with components from other manufacturers is a source of risk and requires a careful check and evaluation.

The technical details stated within the scope of these "Instructions for Assembly and Use" are intended to enable the user and/or erector to apply the system in compliance with the requirements included in the "Order for Safety in Operation on Site". They should not be seen as a „must“. The user and/or erector of such temporary edge protection systems has to evaluate the amount of danger involved in provisions which have to be undertaken for safety on site. This person in charge must be able to recognize the source of danger and to prevent accidents according to his own professional experience and the circumstances in each specific case of use.

The illustrations shown in this assembly manual are to be understood and regarded as examples only.

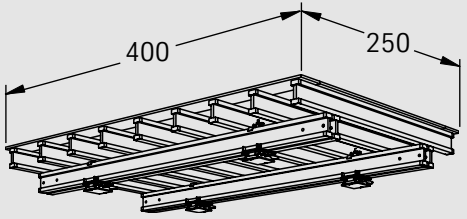
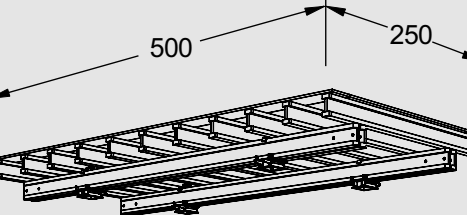
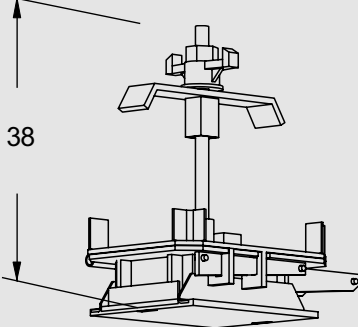
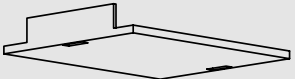
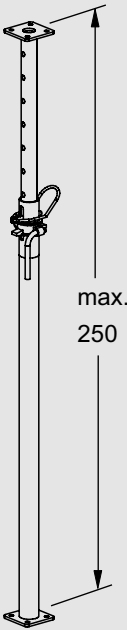
They do not always include the whole range of safety aspects because it is easier in this way to show the important details. Nevertheless, all relevant safety prescriptions that are valid for safe work on site (UVV / Germany) have to be adhered to.

We explicitly reserve the right to make changes or alterations in the course of technical progress.

The latest version of the the "Instructions for Assembly and Use" can be downloaded under www.huennebeck.de via internet or directly ordered at the **HÜNNEBECK** company.

3.0 Components

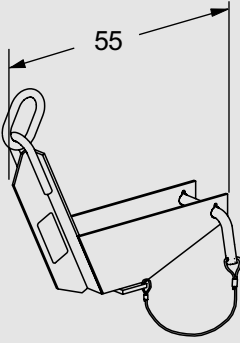
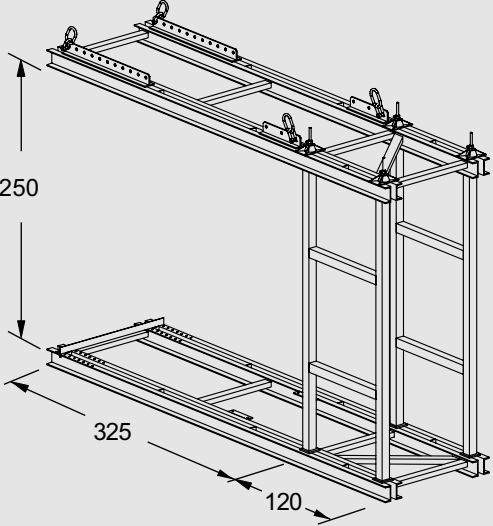
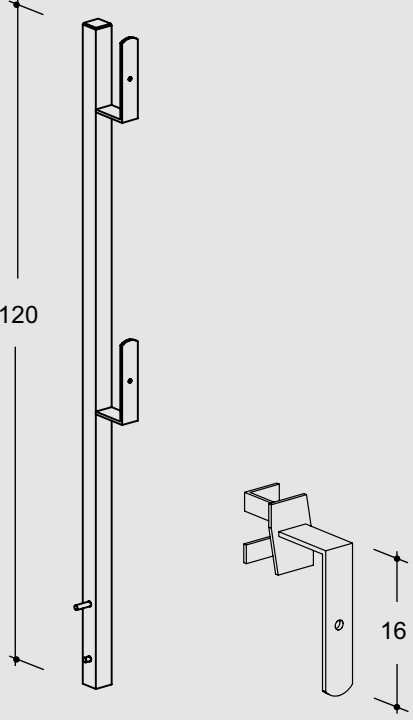
H 20 Floor Table

Designation	Art. No.	Weight kg/pc.
	<p>H 20 Floor Table 2.5x4.0 m</p> <p>The table will be delivered to construction site as completely pre-assembled unit. It consists of H 20 timber beams, a high-grade shuttering skin and four table heads for installing the relevant steel props.</p>	<p>584 178</p> <p>342.5</p>
	<p>H 20 Floor Table 2.5x5.0 m</p> <p>The table will be delivered to construction site as completely pre-assembled unit. It consists of H 20 timber beams, a high-grade shuttering skin and four table heads for installing the relevant steel props.</p>	<p>601 227</p> <p>417.0</p>
	<p>HT-Table Head</p> <p>Steel props are mounted to the table by using the HT-table heads. All connecting parts are integrated. A plastic covering cap arrests the locking steel wedges during transportation without steel props. In this way damages of the plywood sheet are avoided when stacking the floor tables.</p>	<p>583 850</p> <p>11.5</p>
	<p>Plastic Cap</p> <p>The plastic covering cap protects the plywood when stacking floor tables.</p>	<p>600 489</p> <p>0.2</p>
	<p>All steel props are provided with a quick-lowering mechanism, anti-crush guard and a protection against dropping-out of the inner tube and are also protected for a long service-life by hot-dip galvanization.</p> <p>*accord. to DIN EN 1065</p> <p>EUROPLUS new 20 - 250</p> <p>Extension range from 1.47 m - 2.50 m. Perm load* in system-bound use see page 16. Perm load*: 20 kN as single prop.</p> <p>EUROPLUS new 30 - 250</p> <p>Extension range from 1.47 m - 2.50 m. Perm load* in system-bound use see page 17. Perm load*: 30 kN as single prop.</p>	<p>601 390</p> <p>13.2</p> <p>601 430</p> <p>16.2</p>

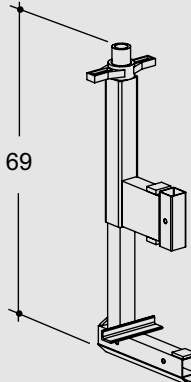
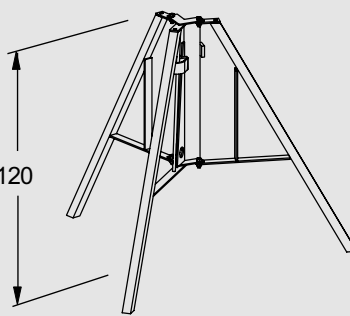
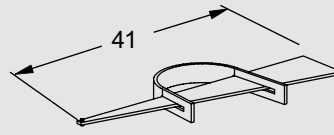
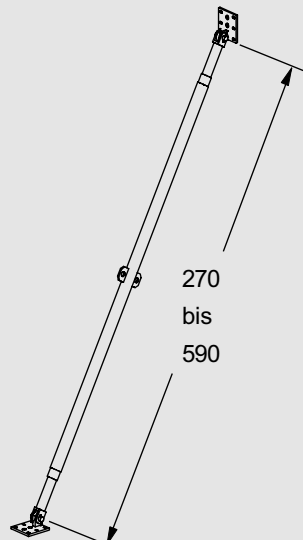
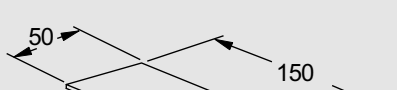
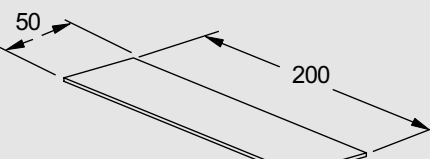
3.0 Components

	Designation	Art. No.	Weight kg/pc.
	<p>EUROPLUS new 20 - 300 Extension range from 1.72 m - 3.00 m. Perm load* in system-bound use see page 16. Perm load*: 20 kN as single prop.</p>	601 400	16.8
	<p>EUROPLUS new 30 - 300 Extension range from 1.72 m - 3.00 m. Perm load* in system-bound use see page 17. Perm load*: 30 kN as single prop.</p>	601 440	19.2
	<p>EUROPLUS new 20 - 350 Extension range from 1.87 m - 3.50 m. Perm load* in system-bound use see page 16. Perm load*: 20 kN as single prop.</p>	601 410	20.5
	<p>EUROPLUS new 30 - 350 Extension range from 1.87 m - 3.50 m. Perm load* in system-bound use see page 17. Perm load*: 30 kN as single prop.</p>	601 445	24.2
	<p>EUROPLUS new 20 - 400 Extension range from 2.24 m - 4.00 m. Perm load* in system-bound use see page 16. Perm load*: 20 kN as single prop.</p>	601 415	23.8
	<p>EUROPLUS new 30 - 400 Extension range from 2.24 m - 4.00 m. Perm load* in system-bound use see page 17. Perm load*: 30 kN as single prop.</p>	601 450	28.8
<p>EUROPLUS new 20 - 550 Extension range from 3.03 m - 5.50 m. Perm load* in system-bound use see page 16. Perm load*: 20 kN as single prop.</p>	601 425	36.1	

H 20 Floor Table

Designation	Art. No.	Weight kg/pc.
	<p>HT-Crane Hook</p> <p>4 crane hooks have always to be attached to the ends of the primary beams. The 4-way crane tackle is to be fastened to these hooks for shifting the H 20 Floor Table.</p> <p>Please pay attention to the relevant operating manual.</p>	<p>574 377</p> <p>7.2</p>
	<p>H20 C-Hook</p> <p>It is used for carrying and shifting H 20 Floor Tables on the construction site.</p> <p>The C-hook has a maximum loading capacity of 1,200 kg (12 kN) and can simply be attached to the table.</p> <p>For use pay attention to the relevant operating instructions.</p>	<p>600 173</p> <p>850.0</p>
	<p>PROTECTO Railing post</p> <p>The railing post is the principle item of the PROTECTO system. It can be used either with a board railing or with the PROTECTO Protective grating. When being inserted into one of the various holding devices, it will automatically be fixed by way of the built-in locking mechanism. The railing post is durably protected against corrosion by hot-dip galvanizing.</p> <p>PROTECTO Toe board retainer</p> <p>This item serves as a supplementary part to the railing post and secures the toe board of the board railing. The PROTECTO toe board retainer can even be attached to the railing post afterwards.</p>	<p>601 225</p> <p>3.7</p> <p>601 227</p> <p>0.7</p>

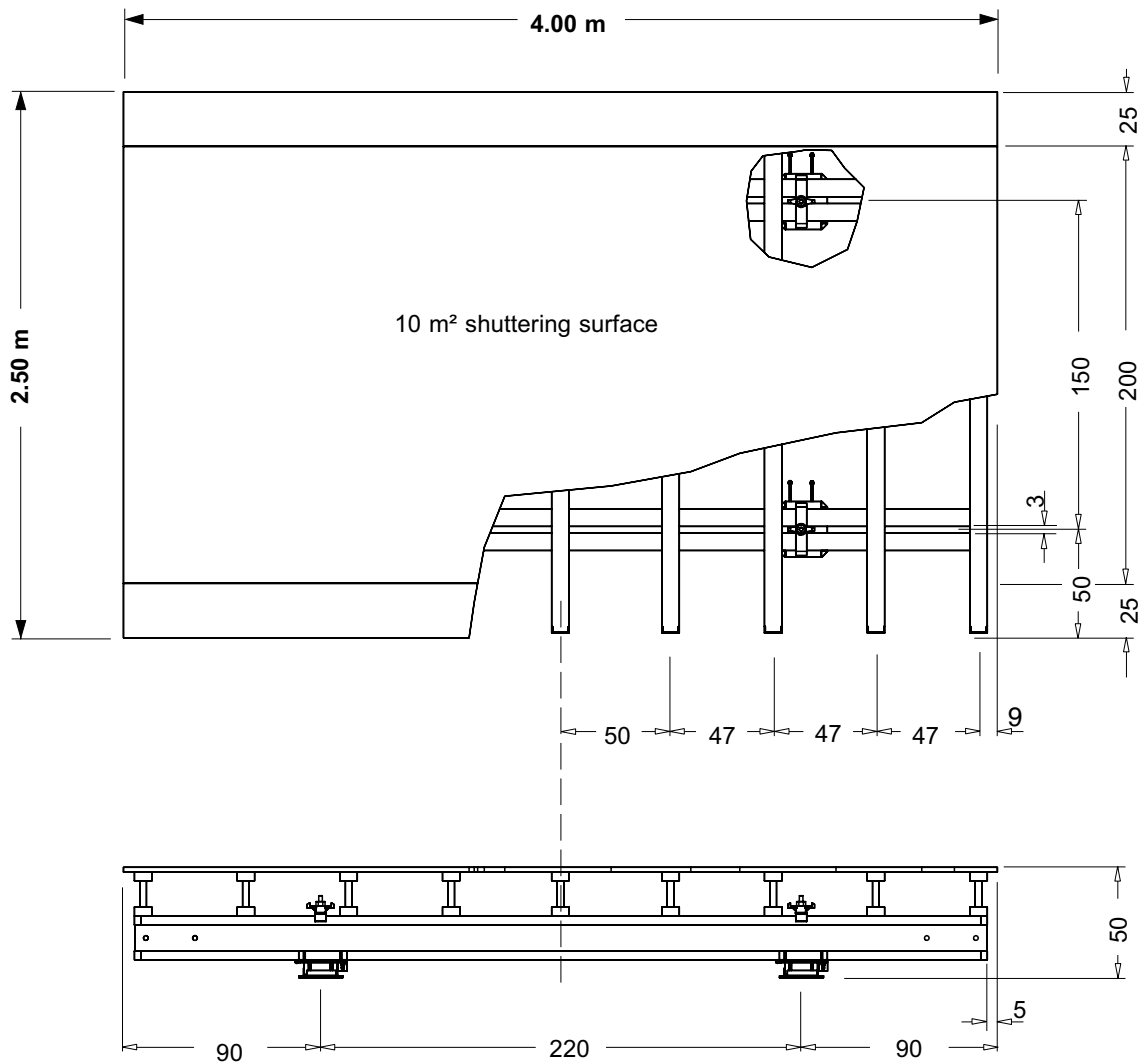
3.0 Components

	Designation	Art. No.	Weight kg/pc.
	<p>PROTECTO Multiple clamp</p> <p>A universal holding device for the railing post. It can be attached to many parts of the structure like slab edges, parapets or roof parapets. It is also possible to attach this clamp to structural parts made of timber or steel. The whole range of the multiple clamp is 1 to 47 cm. The “grip” of the clamp can be varied by simply turning the movable jaw of it.</p>	601 226	7,5
	<p>Uni-Tripod Stand</p> <p>Using this component Part, the stability of high and free-standing floor tables can be improved during erection but not for the final situation.</p>	587 377	11.8
	<p>Euro Bracing Clamp</p> <p>If necessary, use this bracing clamp for bracings by means of boards for stabilization purposes of high and free-standing floor tables during erection (max. size of board: 3 x 12 cm).</p>	573 810	1.8
	<p>Wall Strut, Size 3 (L = 270 cm-340 cm)</p> <p>Wall Strut, Size 4 (L = 320 cm-390 cm)</p> <p>Wall Strut, Size 5 (L = 420 cm-490 cm)</p> <p>Wall Strut, Size 6 (L = 530 cm-590 cm)</p> <p>The different sizes of wall struts may be used for fixing and stabilizing purposes when it comes to projecting edge tables. At the top, each of the wall struts has to be fixed to one row of double primary beams by means of a short tie rod and 2 tie nuts. At the bottom, the wall strut is bolted with dowels to the ground slab.</p>	506 430 506 463 506 485 506 555	22.0 24.0 27.0 40.0
	<p>3-S Plywood Sheet 150 x 50 (0.75 m²)</p> <p>3-S Plywood Sheet 200 x 50 (1.00m²)</p>	581 050 581 060	8.0 10.6
	<p>21 mm thick plywood panels for covering floor tables with special dimensions. Execution according to DIN 18 215.</p>		

4.0 Dimensions

H 20 Floor Table

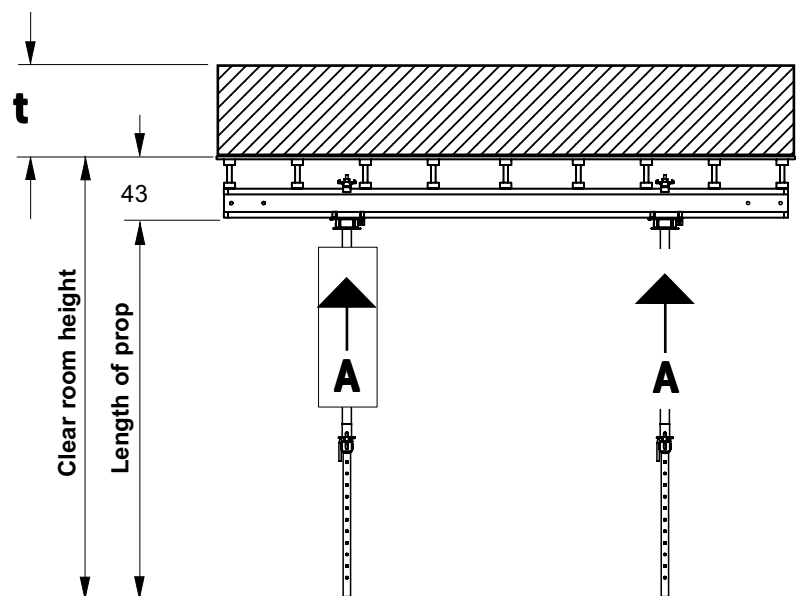
H 20 Floor Table 2.5 x 4.0 m



Load per prop (A):

Slab thickness t (cm)	Prop load A (kN)
10	10.9
15	14.1
20	17.4
25	20.6
30	24.0
35	27.9
40	31.8*
45	35.7*

*system-bound props required



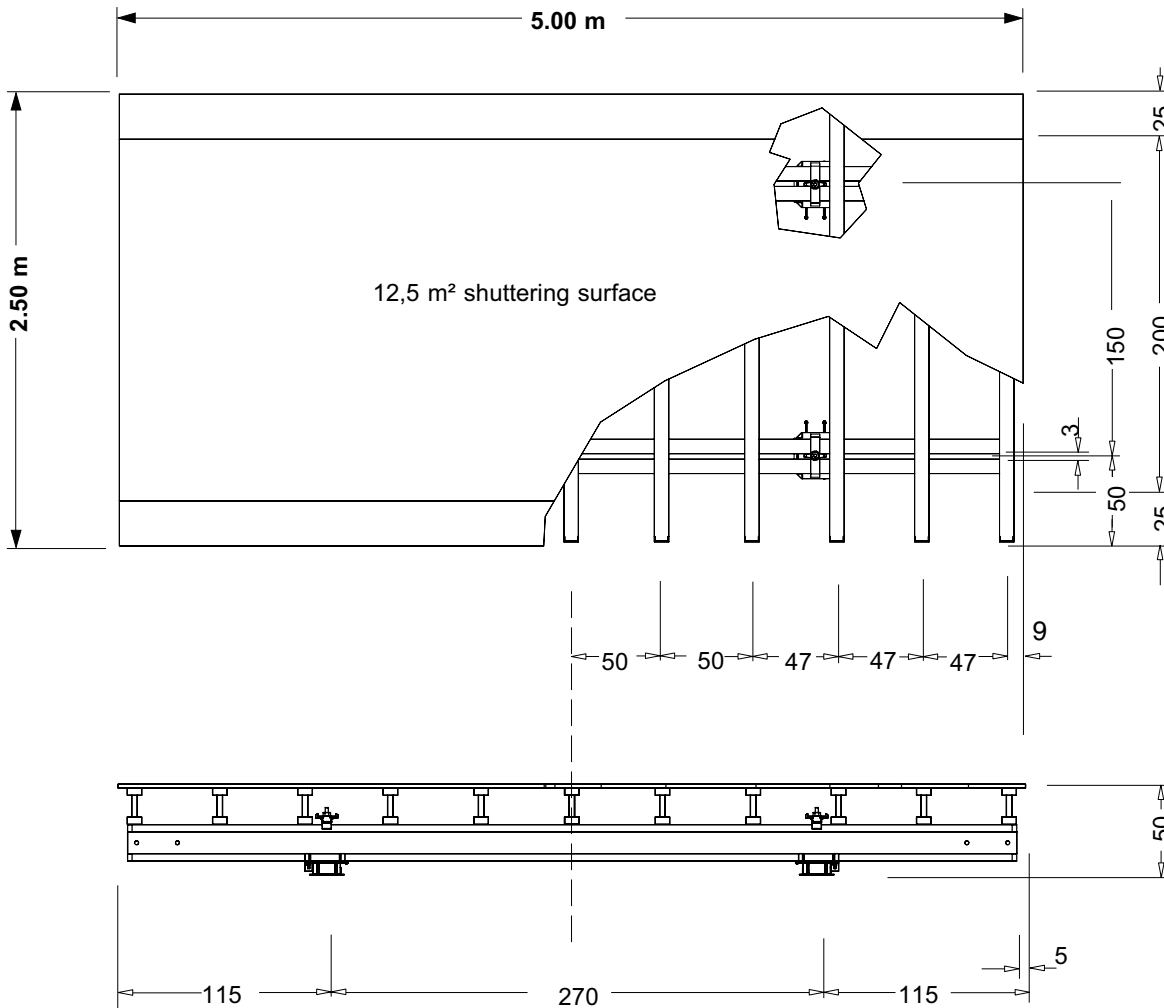
Load assumption:

weight of concrete	26.0 kN/m ²
dead load table	0.4 kN/m ²
live load	$p = 1.5 \leq 0.2 \cdot \gamma \cdot t \leq 5.0$ kN/m ²

The data are valid for a table top structure which is wedged against stable concrete parts (walls, columns) and fixed and secured in this way against horizontal movement.

4.0 Dimensions

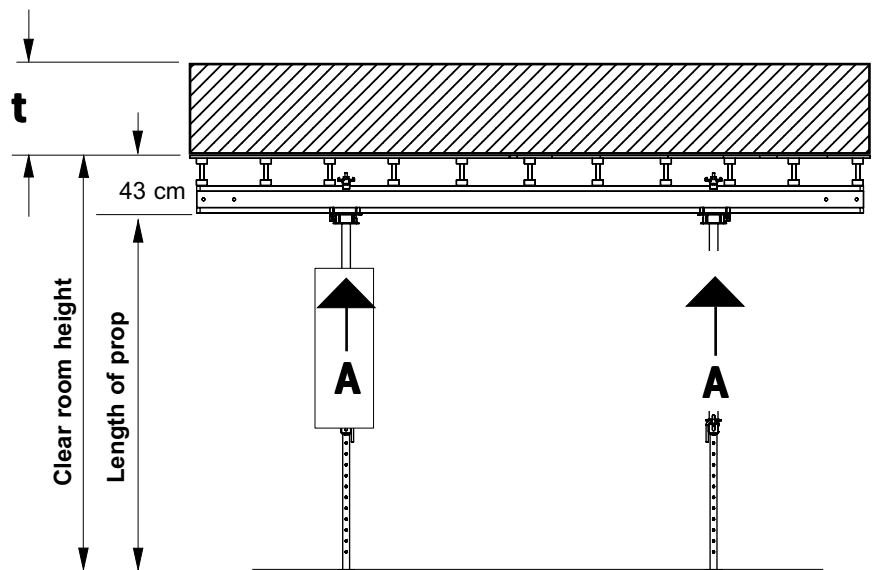
H 20 Floor Table 2.5 x 5.0 m



Load per prop (A):

Slab thickness t (cm)	Prop load A (kN)
10	13.6
15	17.7
20	21.7
25	25.8
30	30.0
35	34.9*

*system-bound props required



The data are valid for a table top structure which is wedged against stable concrete parts (walls, columns) and fixed and secured in this way against horizontal movement.

Load assumption:
 weight of concrete 26.0 kN/m²
 dead load table 0.4 kN/m²
 live load $p = 1.5 \leq 0.2 \cdot \gamma \cdot t \leq 5.0$ kN/m²

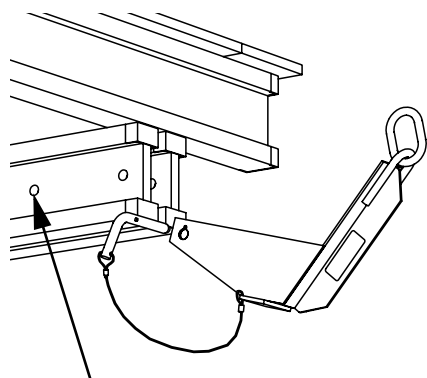
Stacking with the HT-Crane Hook

This crane hook has to be attached to the ends of the primary beams and arrested by means of the integrated locking pin (always use 4 crane hooks). The crane tackle can be fastened then at 4 points for moving the floor table. The crane hook is applicable to the following situations and cases:

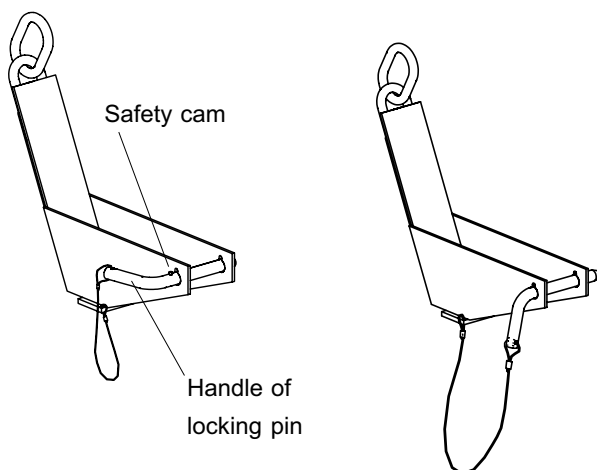
Loading and unloading the truck. Assembly and disassembly of steel props.

Shifting the floor tables on job-site.

**Permissible loading capacity:
3.0 kN per HT-Crane Hook**



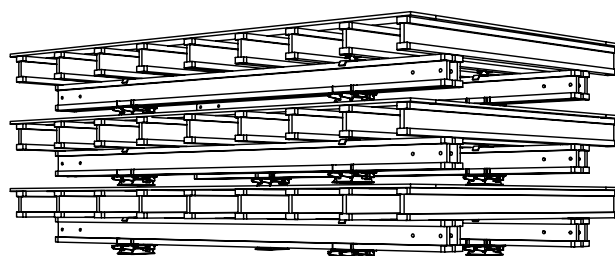
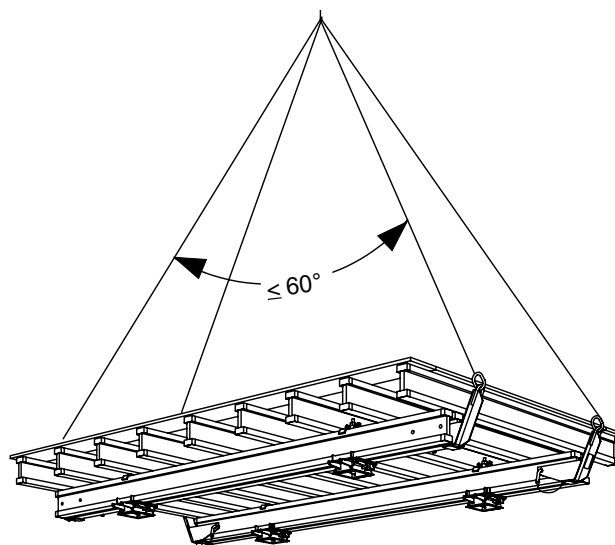
Connection is effected by pinning the crane hook to the inner drill hole of the primary beam



Locking pin while inserting it.

Locking pin in final position.

The locking pin has to be operated so that the safety cam disappears in the special small guidance of the hole. After inserting it the handle must be arranged vertical.



Spreading angle of crane ropes: max.60°

Before stacking H 20 Floor Tables the steel props have to be disassembled.

Stack floor tables only on even and loadable ground. Stack only 6 floor tables one on the other at most.

In Order to avoid damages to the plywood panels when stacking, the table heads have to be covered with the relevant plastic caps. The steel wedges must be inserted here. Alternatively it is possible to use Small plywood strips as pads for protective purposes.

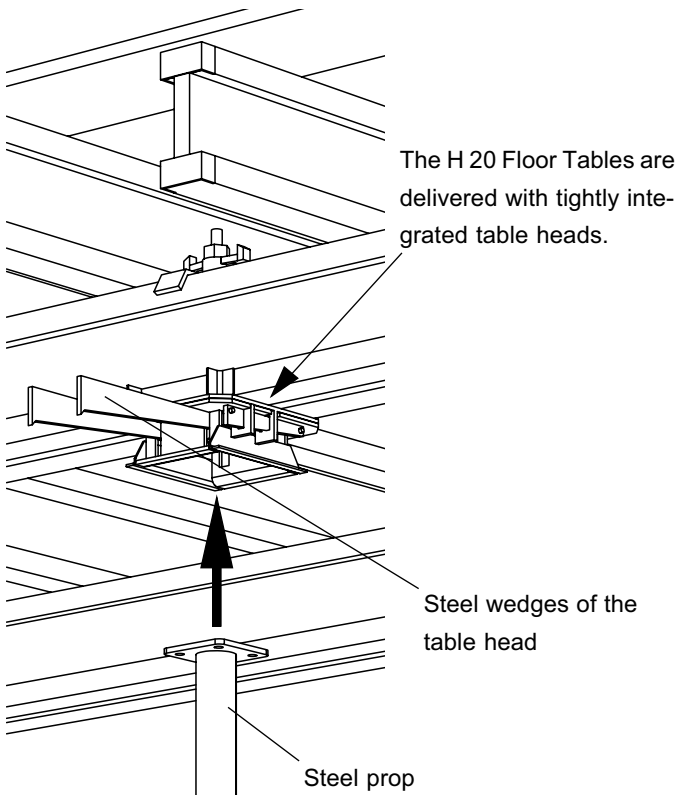
Always connect the HT crane hook to the top floor table for lifting and transport.

Never move floor tables in groups (or bundles).

The separate operating instructions of the C-hook has to be paid attention to.

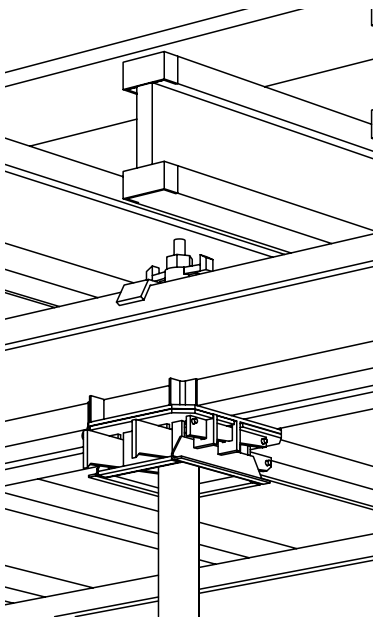
6.0 Mounting the steel props

Before mounting the steel props, the plastic covering caps of the table heads are removed and the two steel wedges are retracted as shown below.



The base plate of the steel prop has to be placed in the insertion opening of the table head. A spigot assures the exact centric position of the prop.

Always use steel props with the outer tubes (larger dia.) at the top.

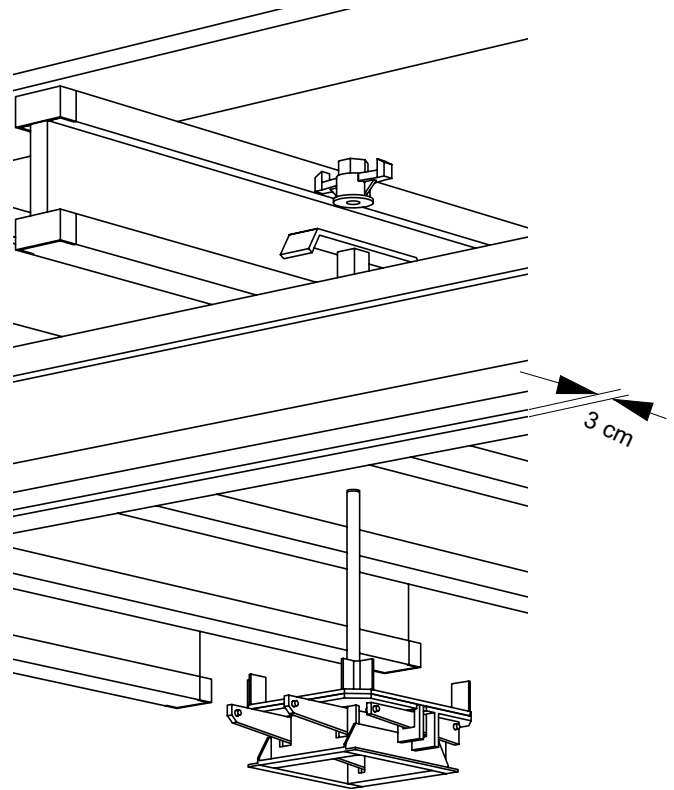


A safe and rigid connection between the floor table structure and the props is achieved by driving the steel wedges in a well-proportioned manner into their final arresting position.

Assembly and disassembly of the HT-tables heads

The table heads can simply and quickly be assembled and disassembled (even on pre-assembled table structures). The connection is effected only by means of the threaded rod of the table head and a hammer. No holes have to be drilled in addition and no special tools are needed for tightening the clamping device.

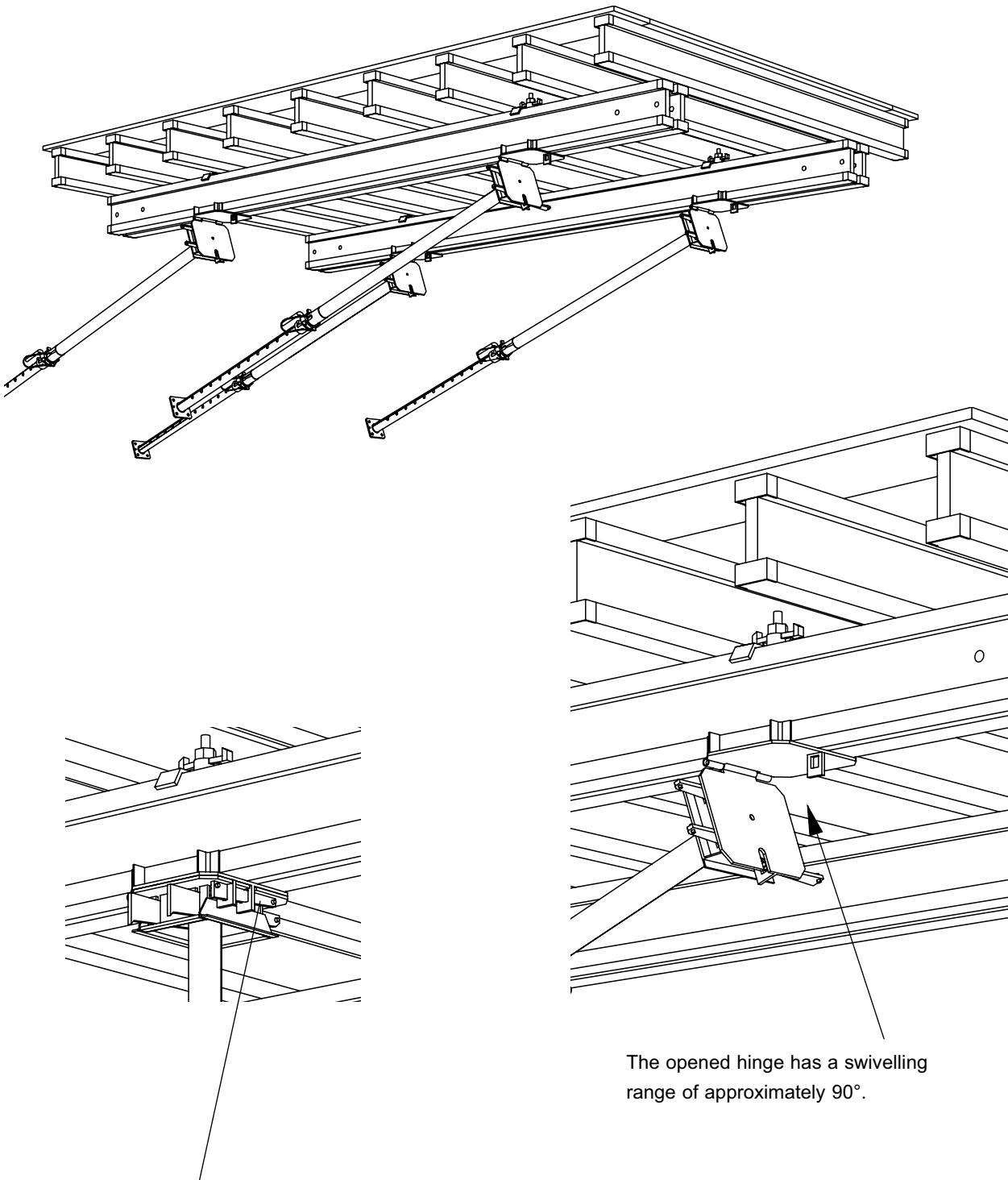
The threaded rod is positioned between the double primary beams. The clamping plate and the wing nut for tightening assure a safe and strong connection between floor table and table head.



The HT-table head can be connected to all 8 cm wide and up to 24 cm high formwork timber beams (used as double primary beams). The required gap between the double beams must be at least 3 cm.

Folding up the legs

The design of the HT-table heads allows the legs to be folded upwards. This application possibility makes it possible to overpass parapets or other obstacles without the necessity of disassembling the steel props.

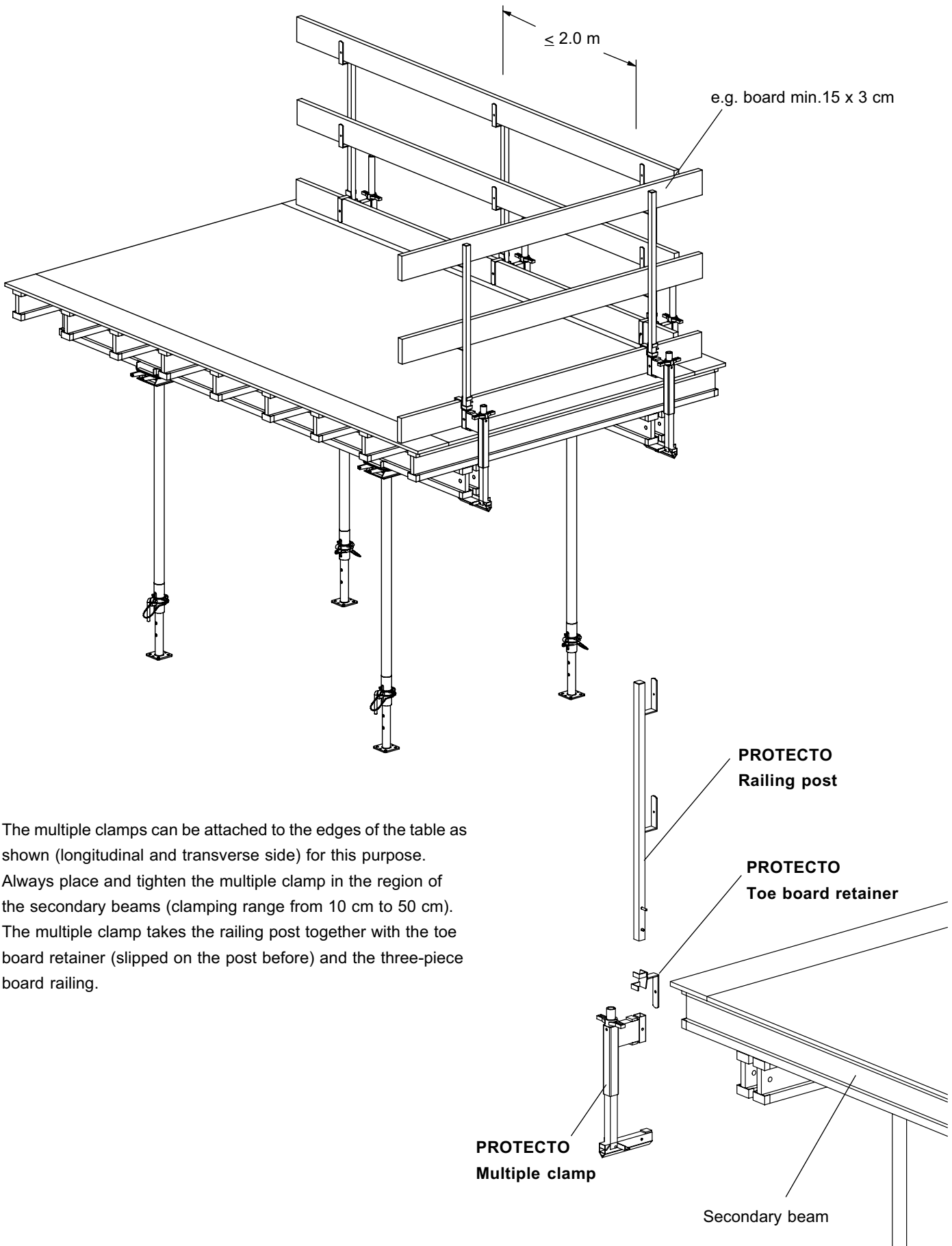


The opened hinge has a swivelling range of approximately 90°.

By releasing and opening this wedge locking, the hinge of the table head becomes free.

7.0 Guard railing

As protection against falling down from the floor table, the exterior slab edges have to be secured by railings made of boards.



The multiple clamps can be attached to the edges of the table as shown (longitudinal and transverse side) for this purpose. Always place and tighten the multiple clamp in the region of the secondary beams (clamping range from 10 cm to 50 cm). The multiple clamp takes the railing post together with the toe board retainer (slipped on the post before) and the three-piece board railing.

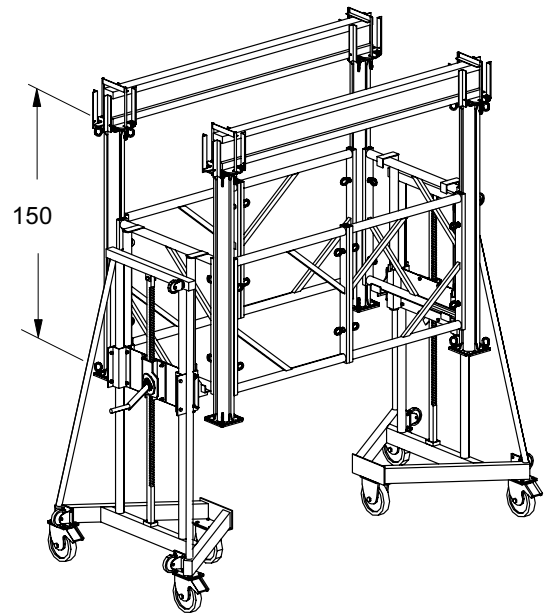
8.0 Moving the H 20 Floor Tables

H 20 Floor Table

Using standard components taken from the Alu-Top system, the required shifting carriage for horizontal transport of floor tables can be easily constructed on the job-site.

The modular building system of Alu-Top makes it possible to adapt the dimensions of the carriage to the requirements of the site. Thanks to the aluminium components of the Alu-Top system the complete shifting carriage is of low weight.

The maximum allowable loading
of the shifting carriage is:
20 kN



For lifting and moving purposes the shifting carriage has to be placed in central position under the floor table to be dismantled. By operating the two toothed-rack winches the supporting structure is lifted until it rests under the table. Then the steel props have to be released and the inner tubes inserted as far as necessary.

The floor table is now supported by the shifting carriage and can be lowered and moved into the next position.

The built-in toothed-rack winches of the shifting carriage allow a height adjustment of approx. 1.20 m.

A rough adaptation to the required storey height of the structure is performed by selecting the proper intermediate post.

Clear room height **2.40 m to 3.40 m**:

Alu-Top intermediate post **M 150**

Art. No.: 552 824

Clear room height **3.40 m to 4.40 m**:

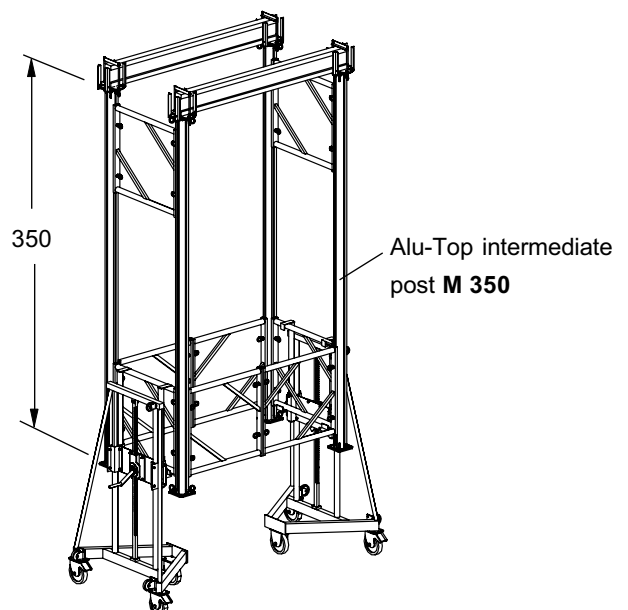
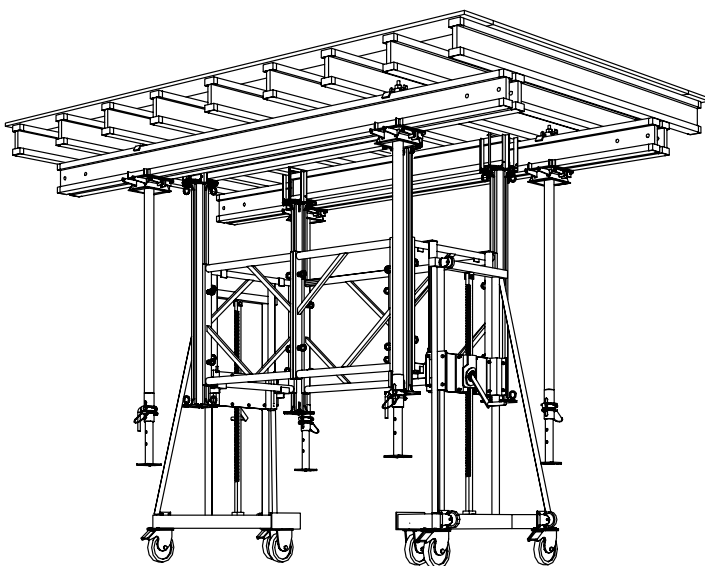
Alu-Top intermediate post **M 250**

Art. No.: 552 754

Clear room height **4.40 m to 5.40 m**:

Alu-Top intermediate post **M 350**

Art. No.: 552 798



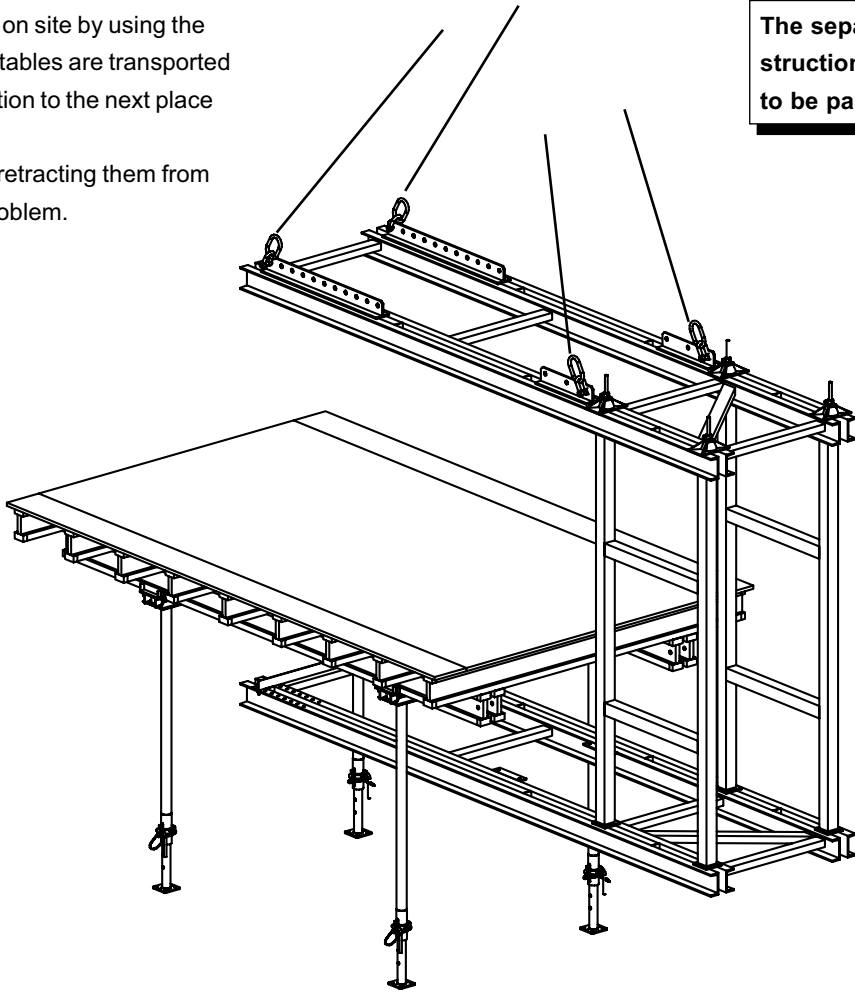
See also separate information
regarding „Shifting Carriage“.

9.0 Shifting the H 20 Floor Tables

Shifting and transport of H20 floor tables is considerably simplified on site by using the H 20 C-hook. The floor tables are transported in exact horizontal position to the next place of application.

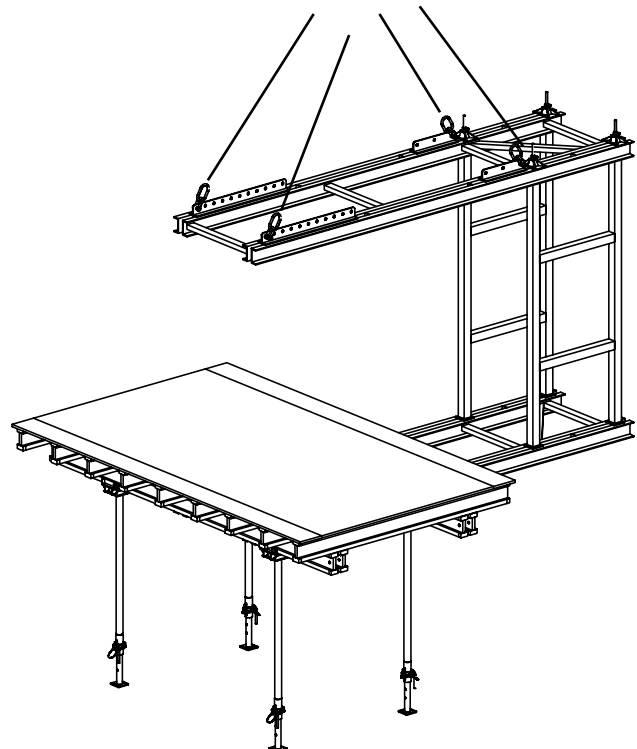
Striking the tables and retracting them from the building is not a problem.

The separate operating instructions of the C-hook has to be paid attention to.



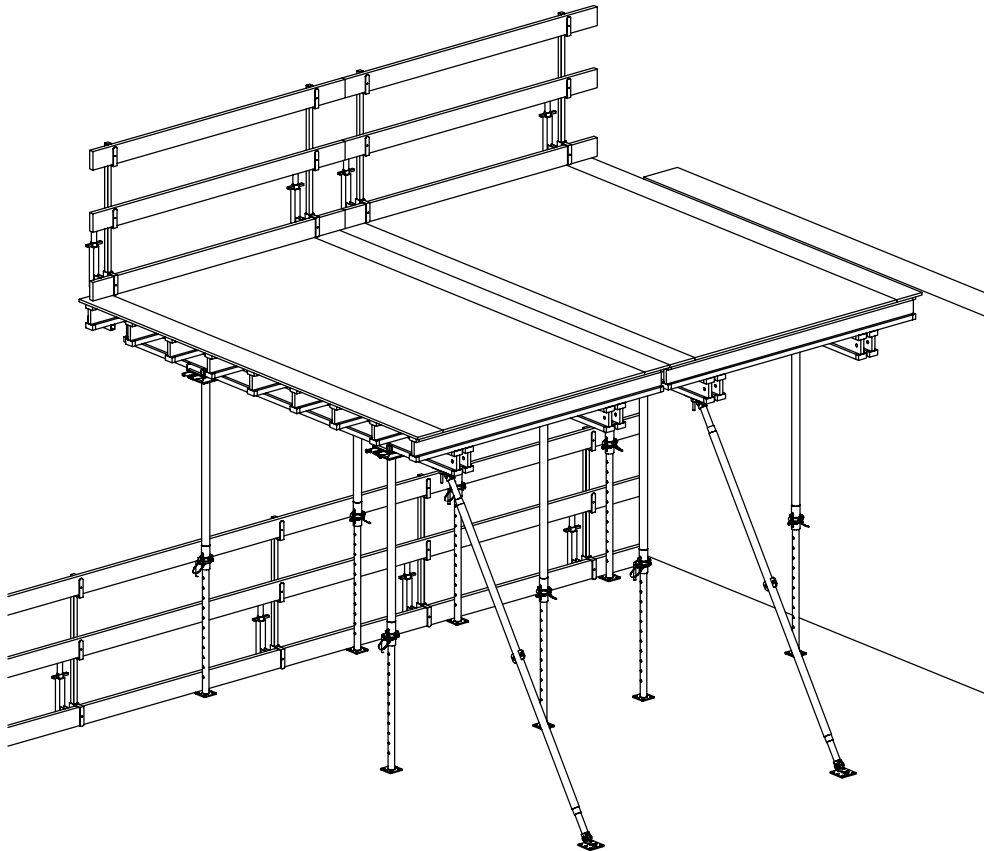
The width and length of the C-hook has been designed according to the sizes of the floor tables. The table can be caught either from the small or long side. An optimum position of the table's gravity point can be achieved by selecting the correct suspension points for the crane ropes and testing it on site by trial lifts.

The C-Hook consists of standard components and forms one complete unit.



The H 20 C-hook has	
a loading capacity of	12.0 kN
at an own weight (dead load) of	8.5 kN
These figures result in a total	
loading for the crane of	20.5 kN

Projecting floor tables at the edges of the building can simply be secured and effectively stabilized by using wall struts with the relevant length (details are shown below).

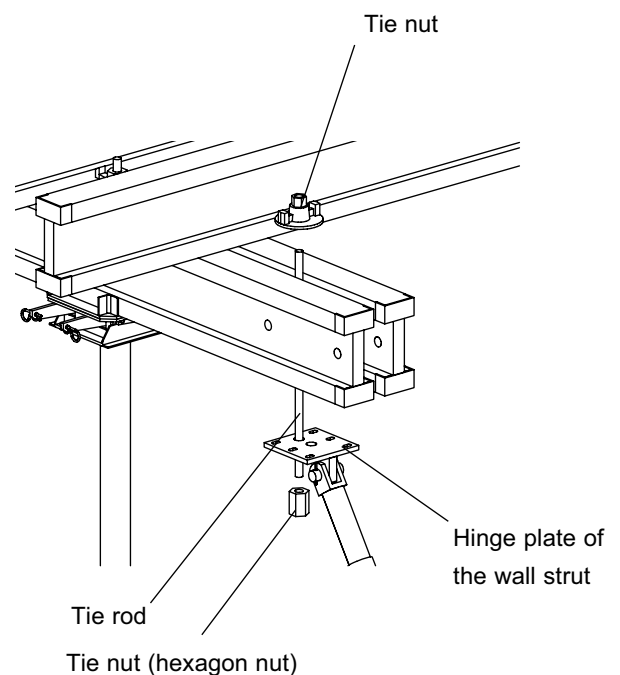


A tension and compression resistant inclined bracing is created by using the wall strut with two hinge plates for fixing. The wall struts have an adjustment range of about 70 cm and they are available in a complete range between 2.70 m and 5.90 m (in 4 different sizes).

A short piece of tie rod (> 30 cm) and two tie nuts are required for connecting the top part of the strut to the double primary beams of the floor table. It does not matter whether the table is either in a parallel or transverse position to the edge of the building.

At the bottom, the strut is to be fixed to the floor slab by means of a dowel or with a pre-positioned tying part in the concrete slab.

The stabilization shown here does not replace the final horizontal fixing of the floor tables before concreting.



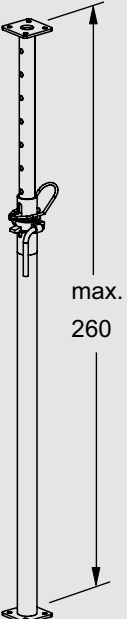
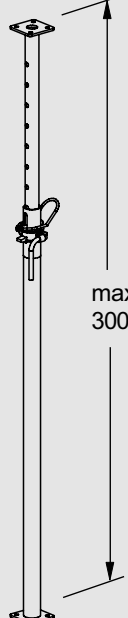
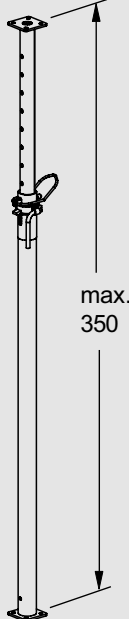
11.0 Statics

Hünnebeck - Europlus <i>new</i>										
Permissible prop loads [kN] for use in system-bound arrangement										
Designation	20-250		20-300		20-350		20-400		20-550	
L _{min} ... L _{max}	1.47 ... 2.50m		1.72 ... 3.00m		1.98 ... 3.50m		2.24 ... 4.00m		3.04 ... 5.00m	
Position of Inner Tube (IT)	IT _{at top}	IT _{at base}	IT _{at top}	IT _{at base}	IT _{at top}	IT _{at base}	IT _{at top}	IT _{at base}	IT _{at top}	IT _{at base}
L [m]										
1,10										
1,20										
1,30										
1,40										
1,50	27,76	27,76								
1,60	27,76	27,76								
1,70	26,54	27,76								
1,80	25,02	27,76	38,48	38,48						
1,90	24,02	27,76	38,48	38,48						
2,00	23,12	27,76	35,09	38,48	27,76	27,76				
2,10	22,72	27,76	32,52	38,48	27,76	27,76				
2,20	22,32	27,76	30,91	38,48	27,76	27,76				
2,30	21,80	27,76	29,30	38,48	27,76	27,76	30,97	30,97		
2,40	21,21	26,52	28,01	38,48	27,76	27,76	30,97	30,97		
2,50	20,61	24,73	27,21	38,48	27,76	27,76	30,97	30,97		
2,60			26,40	35,55	27,76	27,76	30,97	30,97		
2,70			25,44	32,42	27,76	27,76	30,97	30,97		
2,80			23,83	29,69	27,76	27,76	30,97	30,97		
2,90			22,22	26,95	27,76	27,76	30,97	30,97		
3,00			20,61	24,21	27,76	27,76	30,97	30,97		
3,10					27,76	27,76	30,97	30,97	38,48	38,48
3,20					27,76	27,76	30,97	30,97	38,48	38,48
3,30					27,19	27,76	30,37	30,97	38,48	38,48
3,40					25,70	27,76	29,19	30,97	38,48	38,48
3,50					24,21	27,76	28,02	30,97	38,48	38,48
3,60							26,75	30,97	38,48	38,48
3,70							25,35	30,97	38,48	38,48
3,80							23,94	28,95	38,48	38,48
3,90							22,53	26,84	38,48	38,48
4,00							21,12	24,73	38,48	38,48
4,10									38,48	38,48
4,20									38,29	38,48
4,30									36,58	38,48
4,40									34,99	38,48
4,50									33,40	38,48
4,60									31,82	38,48
4,70									30,23	36,71
4,80									28,64	34,12
4,90									27,13	31,71
5,00									26,04	30,29
5,10									24,95	28,87
5,20									23,87	27,45
5,30									22,78	26,03
5,40									21,69	24,60
5,50									20,61	23,18

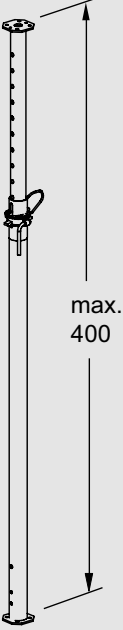
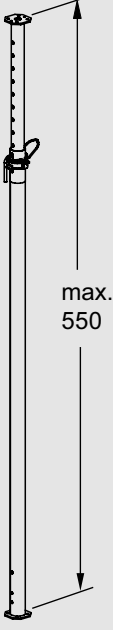
H 20 Floor Table

Hünnebeck - Europlus <i>new</i>										
Permissible. prop loads [kN] for use in system-bound arrangement										
Designation	30-150		30-250		30-300		30-350		30-400	
L_{min} ... L_{max}	1.04 ... 1.50m		1.47 ... 2.50m		1.72 ... 3.00m		1.98 ... 3.50m		2.24 ... 4.00m	
Position of Inner Tube (IT)	IT _{at top}	IT _{at base}	IT _{at top}	IT _{at base}	IT _{at top}	IT _{at base}	IT _{at top}	IT _{at base}	IT _{at top}	IT _{at base}
L [m]										
1,10	36,06	38,48								
1,20	35,63	38,48								
1,30	35,03	38,48								
1,40	35,03	38,48								
1,50	35,03	38,48	33,33	33,33						
1,60			33,33	33,33						
1,70			33,33	33,33						
1,80			33,33	33,33	37,21	37,21				
1,90			33,33	33,33	37,21	37,21				
2,00			33,33	33,33	37,21	37,21	49,45	49,45		
2,10			33,33	33,33	37,21	37,21	49,45	49,45		
2,20			33,22	33,33	37,21	37,21	49,45	49,45		
2,30			32,74	33,33	37,21	37,21	49,45	49,45	38,48	38,48
2,40			32,34	33,33	36,83	37,21	48,91	49,45	38,48	38,48
2,50			31,94	33,33	36,19	37,21	47,56	49,45	38,48	38,48
2,60					35,55	37,21	46,20	49,45	38,48	38,48
2,70					34,77	37,21	44,85	49,45	38,48	38,48
2,80					33,48	37,21	43,57	48,56	38,48	38,48
2,90					32,20	37,21	42,35	47,07	38,48	38,48
3,00					30,91	36,58	41,13	45,58	38,48	38,48
3,10							39,91	44,09	38,48	38,48
3,20							37,82	41,73	38,48	38,48
3,30							35,52	39,15	38,48	38,48
3,40							33,21	36,58	38,48	38,48
3,50							30,91	34,00	38,48	38,48
3,60									38,48	38,48
3,70									38,48	38,48
3,80									38,48	38,48
3,90									37,94	38,48
4,00									36,06	38,48

12.0 Hitherto props

	Designation	Art. No.	Weight kg/pc.
	<p>Europlus 260 DB/DIN</p> <p>Tubular steel prop with an extension range from 1.54 m- 2.60 m.</p> <p>Perm. load*: up to 30 kN (class B) depending on extension length, or a constant load of 20 kN (class D) at any extension length.</p> <p>The steel prop is provided with a quick-lowering mechanism, anti-crush guard and a protection against dropping-out of the inner tube and it is also protected for a long service-life by hot-dip galvanization.</p>	463 021	15.7
	<p>Europlus 300 DB/DIN</p> <p>Tubular steel prop with an extension range from 1.72 m- 3.00 m.</p> <p>Perm. load*: up to 30 kN (class B) depending on extension length, or a constant load of 20 kN (class D) at any extension length.</p> <p>The steel prop is provided with a quick-lowering mechanism, anti-crush guard and a protection against dropping-out of the inner tube and it is also protected for a long service-life by hot-dip galvanization.</p> <p>*accord. to DIN EN 1065</p>	555 118	17.2
	<p>Europlus 350 DB/DIN</p> <p>Tubular steel prop with an extension range from 1.98 m- 3.50 m.</p> <p>Perm. load*: up to 30 kN (class B) depending on extension length, or a constant load of 20 kN (class D) at any extension length.</p> <p>The steel prop is provided with a quick-lowering mechanism, anti-crush guard and a protection against dropping-out of the inner tube and it is also protected for a long service-life by hot-dip galvanization.</p> <p>*accord. to DIN EN 1065</p>	552 147	21.1

H 20 Floor Table

Designation	Art. No.	Weight kg/pc.
 <p>max. 400</p>	<p>Europlus 400 EC</p> <p>Tubular steel prop with an extension range from 2.24 m - 4.00 m.</p> <p>Perm. load*: up to 35 kN (class C) depending on extension length, or a constant load of 30 kN (class E) at any extension length.</p> <p>The steel prop is provided with a quick-lowering mechanism, anti-crush guard and a protection against dropping-out of the inner tube and it is also protected for a long service-life by hot-dip galvanization.</p> <p>*accord. to DIN EN 1065</p>	<p>583 780</p> <p>26.5</p>
 <p>max. 550</p>	<p>Europlus 550 DC</p> <p>Tubular steel prop with an extension range from 3.03 m - 5.50 m.</p> <p>Perm. load*: up to 35 kN (class C) depending on extension length, or a constant load of 20 kN (class D) at any extension length.</p> <p>The steel prop is provided with a quick-lowering mechanism, anti-crush guard and a protection against dropping-out of the inner tube and it is also protected for a long service-life by hot-dip galvanization.</p> <p>*accord. to DIN EN 1065</p>	<p>583 725</p> <p>35.8</p>



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