Layher®

More Possibilities. The Scaffolding System.

LAYHER UNI LIGHT
INSTRUCTIONS FOR ASSEMBLY AND USE

Edition 03.2020

Mobile working platforms
according to DIN EN 1004:2005-03
Working platform 0.75 x 1.80 m

max. working height:
indoors 9.30 m
outdoors 9.30 m
permissible load 2.0 kN/m^2
on max. one working level
(scaffolding group 3 according to
DIN EN 1004:2005-03)

CONTENTS

NOTE

The products or assembly variants shown in these instructions for assembly and use may be subject to country-specific regulations. The user of the products bears the responsibility for compliance with these regulations.

Subject to local regulations, we reserve the right not to supply all of the products illustrated here.

Your Layher partner on the spot will be happy to provide advice and answers on Products, their use or specific assembly regulations.

1. INTRODUCTION

General

These instructions for assembly and use relate to the assembly, modification and dismantling of the Uni Light mobile working platform made by Wilhelm Layher GmbH & Co KG, of Güglingen-Eibensbach, Germany. These instructions cannot cover all the possible applications. If you have any questions about specific applications, please contact your Layher partner.

Caution: The Layher Uni Light may only be assembled, modified and dismantled under the supervision of a qualified expert and by technically trained employees.

2. GENERAL DIRECTIONS FOR ASSEMBLY AND USE

The mobile working platform may be used for the specified scaffolding group in accordance with the stipulations of DIN EN 1004 and taking into account the appropriate sections of the German Ordinance on Industrial Safety and Health (BetrSichV).

The user of the mobile working platform must comply with the following instructions:

1. The user must verify the suitability of the selected mobile working platform for the work to be performed (Section 4 of BetrSichV).

2. The maximum platform height for mobile working platforms is, in accordance with DIN EN 1004
   - **inside buildings 12.00 m**
   - **outside buildings 8.00 m**

3. Assembly, modification or dismantling of the mobile working platform in accordance with the present instructions for assembly and use may only be performed under the supervision of a qualified person or by professionally suitable employees after special instruction. Only the models shown in these instructions for assembly and use may be built and also used.

   The mobile working platform must be inspected before, after or during assembly, but no later than before it is put into service (Section 14 of BetrSichV). During assembly, modification or dismantling, the mobile working platform must be marked with a prohibition sign indicating "no entry" (BetrSichV Annex 1, Para. 3).

4. Before installation, all parts must be inspected to ensure they are in flawless condition. Only undamaged original parts of the mobile working platforms from Layher may be used. Components such as snap-on claws and spigots must be cleaned of dirt after use. Components must be secured against slipping and impacts when transported by truck. Components must be handled in such a way that they are not damaged.

5. To assemble the upper platforms, the individual parts must be passed up from one level to the next. Small quantities of tools and materials can be carried up by the personnel, or failing that hoisted to the working level using transport ropes.

6. The ladder frame joints must always be secured using spring clips.

7. The mobile working platform must be levelled using the adjusting spindles.

8. Stability must assured during every phase of the assembly process.
   For attachment of wall bracing and ballast weights, see the appropriate section in these instructions for assembly and use.

9. On intermediate platforms used solely for ascent, toe boards can be dispensed with. For small towers where the height of the deck is more than 1.00 m, equipment must be provided that permits attachment of side protection in accordance with DIN EN 1004.

10. Upward access to the working platform is permitted only on the inside of the tower.

11. Working on two or more working levels at the same time is not permitted. In the event of exceptions, the manufacturer must be consulted. When work is being done on several levels, they must be completely fitted with 3-part side protection.

12. Personnel working on mobile working platforms must not push against the side protection.

13. Lifting gear must not be attached to or used on mobile working platforms.

14. Moving in of the adjustable mobile beams is only permitted in conformity with the instructions for assembly and use and with the ballasting specifications, see "Models" section.

15. Assembly and movement are only permitted on sufficiently firm ground, and only in a longitudinal or diagonal direction. All impacts must be avoided. When the base is extended on one side with wall bracing, movement is only permissible parallel to the wall. During movement, normal walking speed must not be exceeded.

16. No personnel and/or loose objects may be on the mobile working platform while it is being moved.

17. After movement, the castors must be locked by pressing down the brake lever.

18. The mobile working platforms must not be subjected to any aggressive fluids or gases.

19. Mobile working platforms must not be connected to one another by bridging unless the structural strength of that connection has been specifically verified. The same applies for all other special assemblies, e.g. suspended scaffolding etc. The provision of bridging between a mobile working platform and a building is also not permissible. **The manufacturer must be consulted with regard to stability verification.**

20. **When the mobile working platform is used outdoors or in open buildings, it must be moved to a wind-protected area when wind strengths exceed 6 on the Beaufort scale or at the end of a shift, or secured against toppling over by other suitable measures.** (A wind strength of more than 6 can be recognised by noticeable difficulty in walking.)

    If possible, mobile working platforms used outside buildings must be securely fastened to the building itself or to another structure. It is recommended that mobile working platforms be anchored if they are left unattended.

    The mobile working platform must be set to the perpendicular using the adjusting spindles or by inserting suitable materials underneath it. The maximum permitted tilt is 1 %.

21. Decks can also be fixed one rung higher or lower to obtain a different working height. Care must be taken that the specified side protection heights are complied with. Deck diagonal braces must be used in this assembly form.

22. The access hatches must be kept shut whenever they are not in use.

23. All couplers must be tightened with 50 Nm.

24. Climbing over from rolling towers is prohibited.

25. Jumping onto decked surfaces is prohibited.

26. It must be checked that all parts, auxiliary tools and safety equipment (ropes etc.) for assembling the mobile working platforms are available at the site.

27. Horizontal and vertical loads that can cause the mobile working platform to topple over should be avoided, for example:
    – pushing against the side protection
    – additional wind loads (tunnel effect of through-type buildings, unclad buildings and corners).

28. If stipulated, mobile beams or stabilisers or outriggers and ballast must be fitted.

29. It is prohibited to increase the height of the deck using ladders, boxes or other objects.

30. Mobile working platforms are not designed to be lifted or suspended.

3. MEASURES FOR FALL PROTECTION

Fall protection during assembly, modification or dismantling of tower scaffolding

General

Suitable measures for fall protection must be taken during assembly, modification or dismantling of the tower. Safety structure P2 implements these protective measures in full.

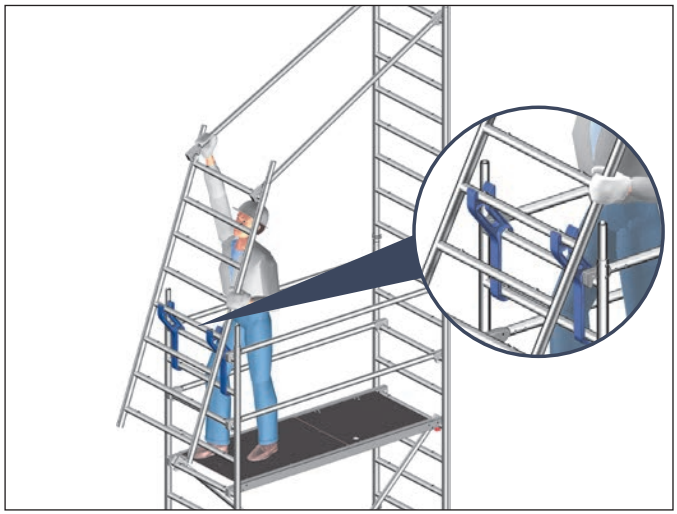
Safety structure P2

– Platforms with vertical spacing of 2 m.
– Safe design with integrated and collective side protection.

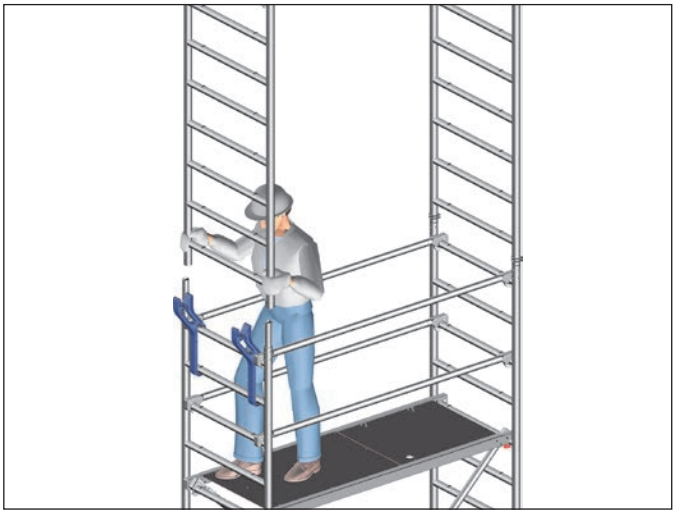
Thanks to the platforms, which are assembled 2 m apart, the guardrails can already be fitted from the level underneath it, so that when the next-up platform is accessed there is already a simple side protection in place on all sides.

THE PRINCIPLE – SIMPLER. FASTER. SAFER.

1. Fit the first ladder frame.
Attach the Uni assembly hook and position the second ladder frame in order to fit the guardrails.

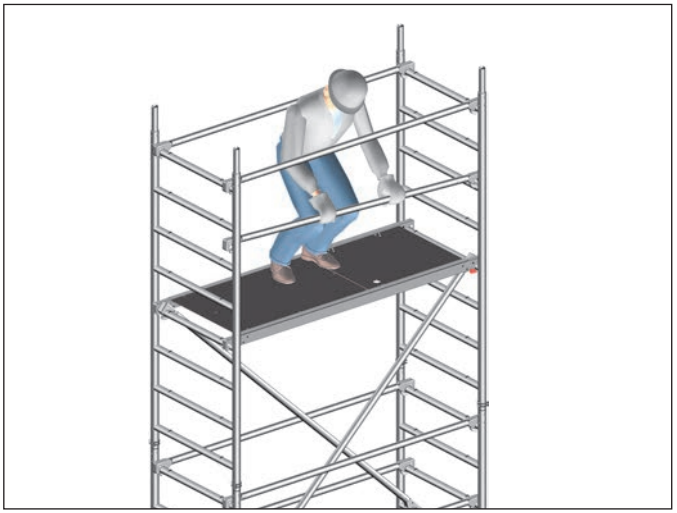


2. Swivel the ladder frame with guardrail upwards and fit it in place.



3. Insert diagonal braces and access deck.

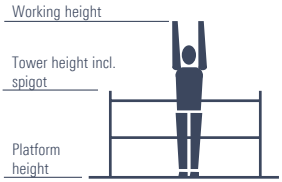
4. Climb up to the next level and install additional guardrails at 0.50 m.



4. TOWER MODELS

For **assembly outdoors,** comply with the height restriction!

Tower models
1403201 – 1403207



1403201

1403202

1403203

1403204

1403205

1403206

1403207

Tower model	1403201	1403202	1403203	1403204	1403205	1403206	1403207
Working height [m]	3.11	4.26	5.26	6.26	7.26	8.26	9.26
Tower height [m]	2.33	3.48	4.48	5.48	6.48	7.48	8.48
Platform height [m]	1.11	2.26	3.26	4.26	5.26	6.26	7.26
Weight [kg] (without ballast)	52.3	133.1	159.7	181.5	208.1	229.9	256.5
Ballasting							
Indoors							
Assembly central	l4 r4	0	0	l2 r2	l3 r3	l5 r5	l6 r6
Assembly off-centre	X	0	L0 R2	L0 R4	L0 R6	L2 R8	L2 R10
Assembly off-centre with wall bracing	X	0	0	L2 R2	L4 R2	L6 R4	L6 R6
Outdoors							
Assembly central	l4 r4	0	0	l3 r3	l5 r5	l9 r9	l13 r13
Assembly off-centre	X	0	L0 R4	L0 R6	L0 R10	L4 R14	X
Assembly off-centre with wall bracing	X	0	0	L4 R2	L6 R4	L10 R8	X

For assembly with adjustable mobile beam, the latter must be fully extended. X = not permissible / not possible 0 = no ballast required Specified as number of ballast weights at 10 kg each.
For ballasting, use Layher ballast weights, Ref. No. 1249.000, of 10 kg each. Fasten the weights quickly and securely at the right place using the coupler handwheel.
Do not use any liquid or granular ballast substances. Distribute the ballast weights evenly over all ballasting fixing points (see pages 15 – 16)

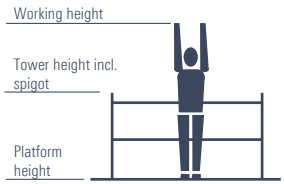
Example: l2, r2 → Fasten 2 ballast weights of 10 kg each to the ladder frame on its left-hand side, and 2 ballast weights of 10 kg each on its right-hand side
L6, R16 → Fasten 6 ballast weights of 10 kg each to the mobile beam on its left-hand side, and 16 ballast weights of 10 kg each on its right-hand side

r and R relate in the case of off-centre assembly always to the side facing away from the tower; l and L relate to the side facing the tower (see also Section 7, Ballasting, on pages 15 – 16)

TOWER MODELS WITH STABILISERS, EXTENDABLE:

For **assembly outdoors,** comply with the height restriction!

Tower models
1403222 – 1403227

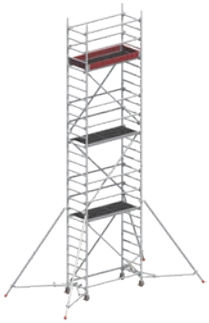


1403222

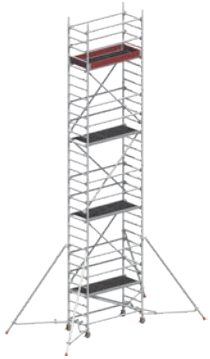
1403223

1403224

1403225



1403226



1403227

Tower model	1403222	1403223	1403224	1403225	1403226	1403227
Working height [m]	4.10	5.10	6.10	7.10	8.10	9.10
Tower height [m]	3.35	4.35	5.35	6.35	7.35	8.35
Platform height [m]	2.10	3.10	4.10	5.10	6.10	7.10
Weight [kg] (without ballast)	130.50	168.2	179.0	216.6	227.4	265.0
Ballasting						
Indoors						
Assembly central	0	0	0	0	l2 r2	l2 r2
Assembly off-centre	0	L0 R4	L0 R8	L0 R10	L0 R12	L0 R14
Assembly off-centre with wall bracing	0	0	0	0	0	0
Outdoors						
Assembly central	0	0	0	l3 r3	l6 r6	l8 r8
Assembly off-centre	0	L0 R6	L0 R10	L0 R14	X	X
Assembly off-centre with wall bracing	0	0	0	0	0	l2 r0

For assembly with adjustable mobile beam, the latter must be fully extended. X = not permissible / not possible 0 = no ballast required Specified as number of ballast weights at 10 kg each.
For ballasting, use Layher ballast weights, Ref. No. 1249.000, of 10 kg each. Fasten the weights quickly and securely at the right place using the coupler handwheel.
Do not use any liquid or granular ballast substances. Distribute the ballast weights evenly over all ballasting fixing points (see pages 15 – 16)

Example: l2, r2 → Fasten 2 ballast weights of 10 kg each to the ladder frame on its left-hand side, and 2 ballast weights of 10 kg each on its right-hand side
L6, R16 → Fasten 6 ballast weights of 10 kg each to the mobile beam on its left-hand side, and 16 ballast weights of 10 kg each on its right-hand side

r and R relate in the case of off-centre assembly always to the side facing away from the tower; l and L relate to the side facing the tower (see also Section 7, Ballasting, on pages 15 – 16)

5. ASSEMBLY SEQUENCE Safety structure P2

Observe the general directions for assembly and use on pages 4 – 5. The assembly examples shown are intended for use up to a maximum platform height of 12 m indoors and up to a maximum platform height of 8 m outdoors. Snap the snap-on claws of all parts into the ladder frames from above. Level the tower after basic assembly.

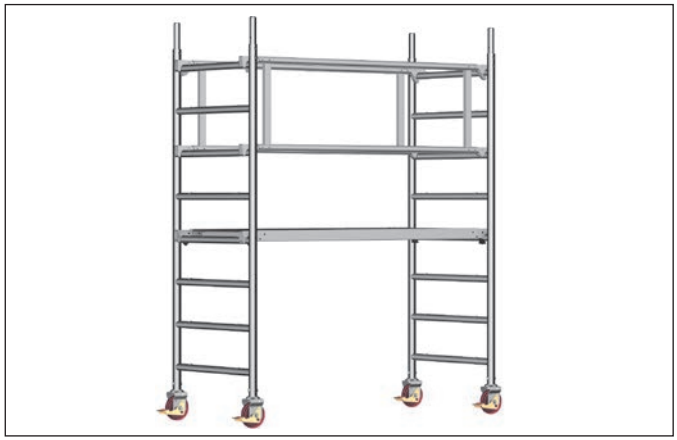
The castors must be locked during assembly, modification or dismantling and while there is anybody on the tower.

Hammer home the wedges in the system until the blow bounces off. Always tighten the screw couplers well (50 Nm).

At the top level, a double guardrail 16 or a tower beam 17 can be fitted instead of two single guardrails. Please remember in this case that two additional guardrails must be provided for assembly and dismantling in order to ensure collective side protection. They can be removed again after insertion of the double guardrail or rolling tower beam.

The item numbers for the components relate to the component list on pages 20 – 22.

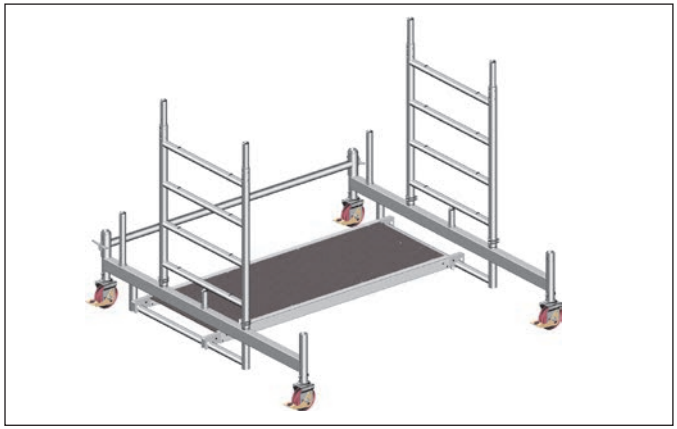
Basic assembly
Tower model 1403201



1. Insert the castors 1 into the 2.00 m ladder frames 29 and secure them against falling out with the associated bolts and nuts.

2. Connect the two ladder frames 29 to two double guardrails 16. Hook the access deck 26 into the fourth rung from the bottom of the 2.00 m ladder frames 29.

Basic assembly
Tower models 1403202, 1403204 and 1403206



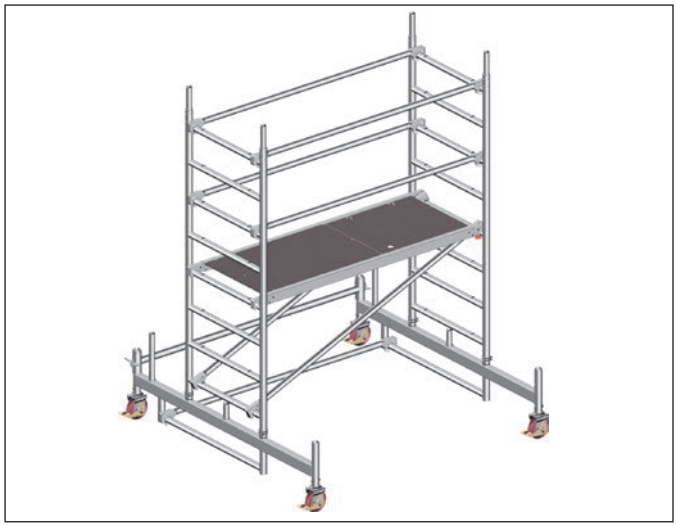
1. Insert the castors 1 into the mobile beams 8 and secure them against falling out with the associated bolts and nuts.

2. Connect the mobile beams 8 with a basic tube 13 / base strut 14 and a deck 25.

3. Fit two 1.00 m ladder frames 28 onto the mobile beams and secure them using spring clips 27.

Further assembly is performed as per page 12, “Assembly of intermediate platforms”.

Basic assembly
Tower models 1403203, 1403205 and 1403207



1. Insert the castors 1 into the mobile beams 8 and secure them against falling out with the associated bolts and nuts.
2. Connect the mobile beams 8 to one another with a basic tube 13 / base strut 14 and a guardrail 15 on the bar of the mobile beam.
3. Fit a 2.00 m ladder frame 29 onto the mobile beam 8 and secure it using spring clips 27. Hook two guardrails 15 over the top rung and connect them to a second 2.00 m ladder frame 29. Fit the second 2.00 m ladder frame 29 onto the mobile beam and secure it using spring clips 27. (Any double guardrails that might be in stock must be installed as side protection for the first level. The guardrails previously installed as advancing side protection are removed again after fitting of the double guardrails.)
4. Fit two diagonal braces 19 and an access deck 26. **Ensure that the two diagonal braces are installed parallel to one another in the direction of the access hatch.**
5. Move up to the next level and fit additional guardrails 15 on the second rung above the platform area.

Further assembly is performed as per page 12, "Assembly of intermediate platforms".

Basic assembly
Tower models 1403222, 1403224 and 1403226

1. Insert the castors 1 into the 1.00 m ladder frames 28 and secure them against falling out with the associated bolts and nuts.
2. Fit further 2.00 m ladder frames 29. Connect the two ladder frames at the top rungs and at the bottom rungs to two guardrails 15 in each case.
   (Recommendation: assembly by two persons or with the aid of the assembly hooks 30)
3. Fit two diagonal braces 18 crosswise. Then hook in an access deck 26.
4. To maintain the maximum distance from the first rung, fit an access ledger 31 on the ascent side of the rolling tower.
5. Move up to the next level and fit additional guardrails 15 on the second rung above the platform area.

Further assembly of the model 1403222, p. 17 "Stabiliser attachment" and p. 13 "Completing the working platform".
Further assembly for the models 1403224, 1403226 is performed as per p. 12, "Assembly of intermediate platforms".

Basic assembly

Tower models 1403223, 1403225 and 1403227

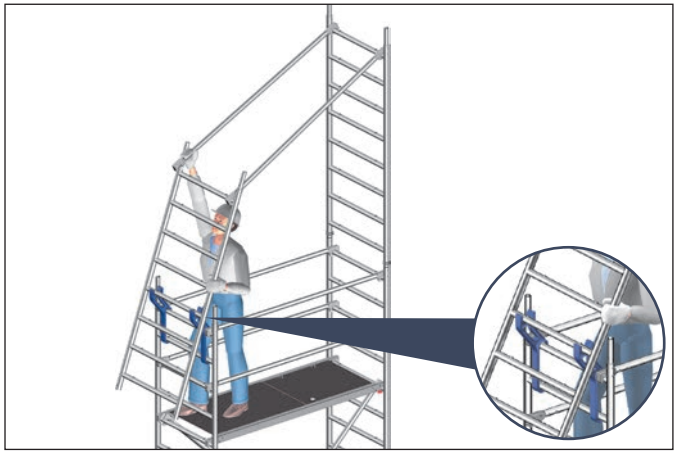
1. Insert the castors 1 into the 2.00 m ladder frames 29 and secure them against falling out with the associated bolts and nuts.
2. Connect the two ladder frames at the top rungs and at the bottom rungs to two guardrails 15 in each case.
3. Fit two diagonal braces 19 and an access deck 26. **Ensure that the two diagonal braces are installed parallel to one another in the direction of the access hatch.**
4. To maintain the maximum distance from the first rung, fit an access ledger 31 on the ascent side of the rolling tower.
5. Move up to the next level and fit additional guardrails 15 on the second rung above the platform area.
   (Any double guardrails 16 that might be in stock should be installed as side protection for the first level. The guardrails previously installed as advancing side protection are removed again after fitting of the double guardrails.)

Further assembly is performed as "Assembly of intermediate platforms" (see right-hand side).

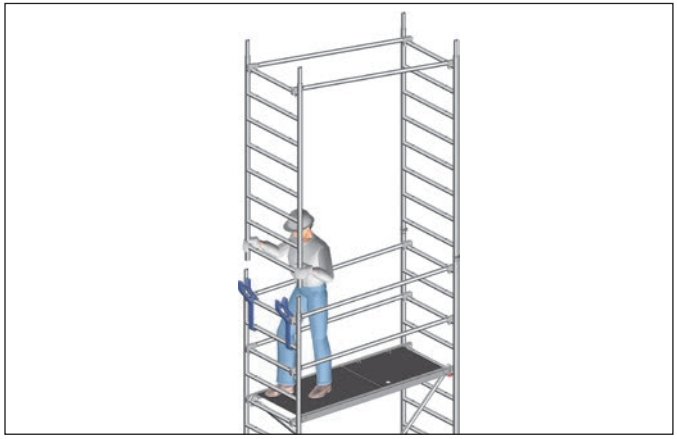
Assembly of intermediate platforms

All tower models

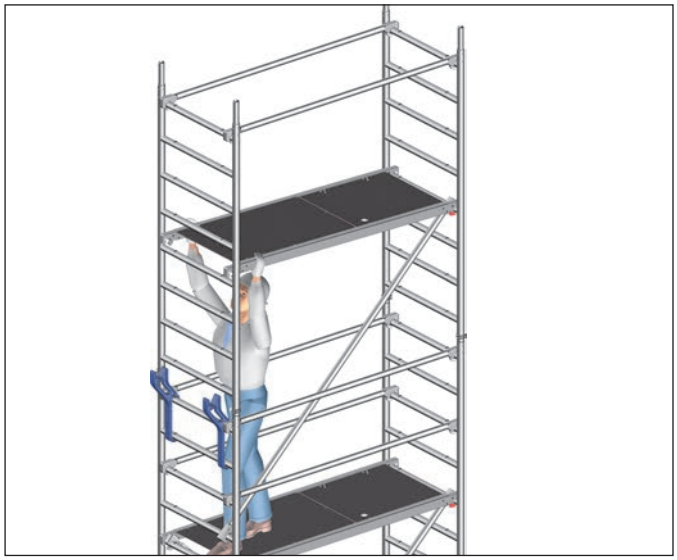
Repeat the following assembly steps 1 to 5 several times depending on the assembly height.



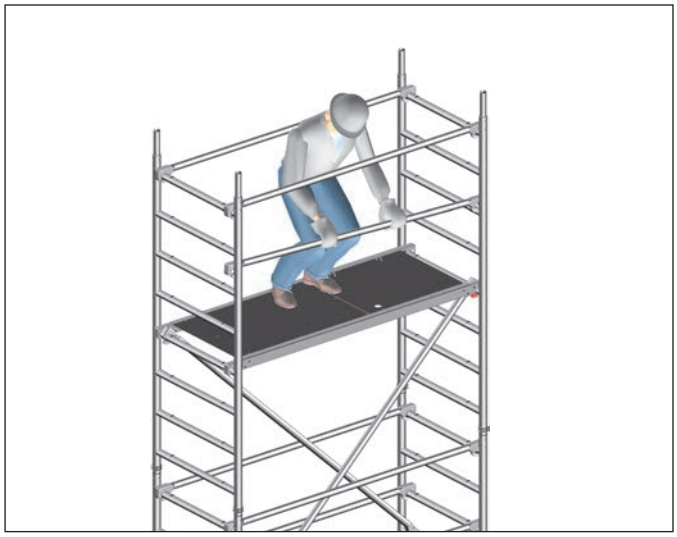
1. Fit first 2.00 m ladder frame 29 and secure it using spring clips 27 .
2. Attach the Uni assembly hooks 30 and position the second ladder frame 29 in order to fit the guardrails 15.



3. Swivel the ladder frame with guardrails upwards, fit it in place and secure it with spring clips 27.



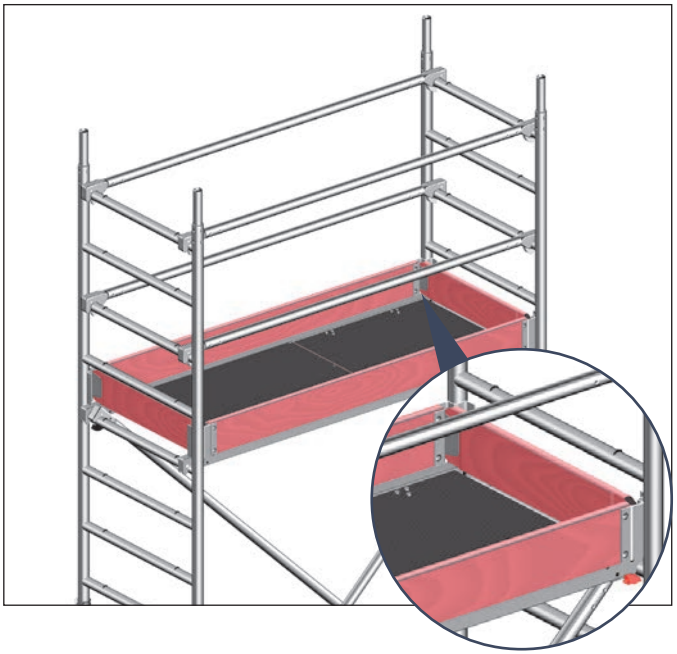
4. Insert diagonal braces 18 and access deck 26. Install the diagonal braces on both sides in tower-like (zig-zag) form.



5. Move up to the next level and fit additional guardrails 15 on the second rung above the platform area.

Completing the working platform

All tower models



1. To complete the working platform, attach toe boards with claw 24 and end toe boards 23.

If an intermediate platform is also to be used for working, attach toe boards here too.

Operating the castors

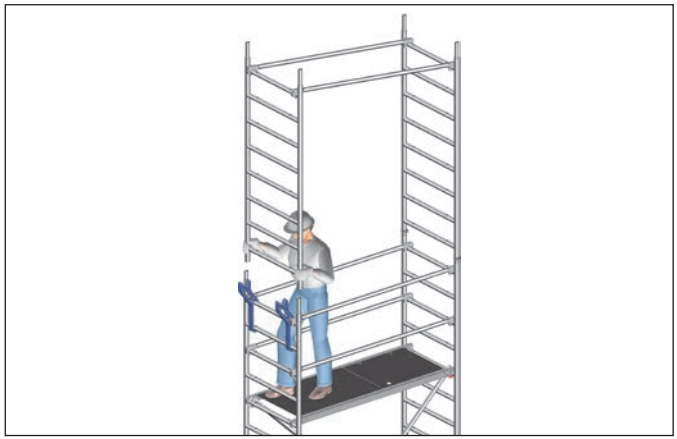
During assembly and while working, lock the castors by pressing down the brake lever labelled STOP.
When the brake is locked, the lever labelled STOP must be in the down position.
For movement, unlock the castors by pulling the lever up.

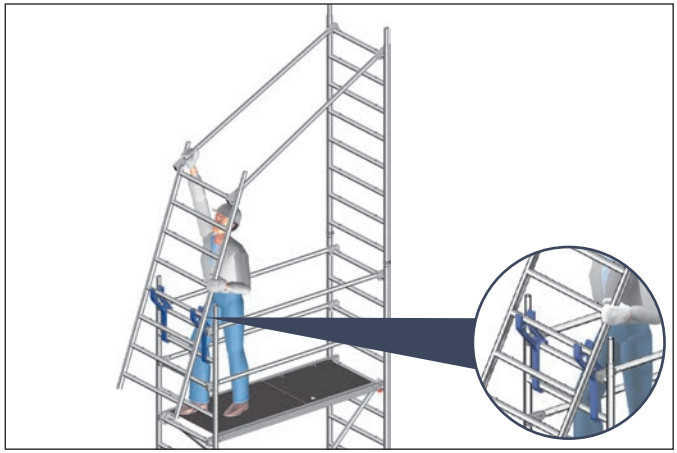
6. DISMANTLING SEQUENCE

Dismantling is in the reverse order to assembly (see pages 10 – 13).

When dismantling, do not remove the bracing elements such as diagonal braces, guardrails or access decks until the ladder frames above them have been dismantled.

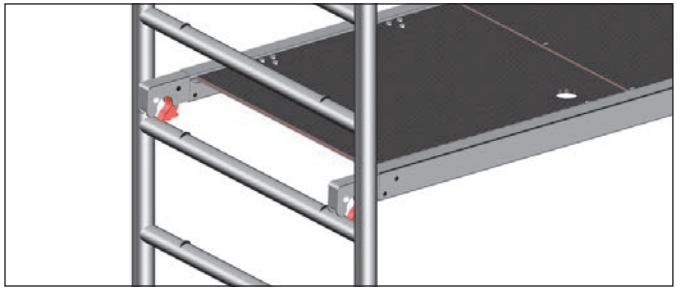
To lift out the individual parts, open the snap-on claws by pressing their locking clips.





When an intermediate platform or working platform is dismantled, only remove the top guard rails from the level underneath. This is achieved with the aid of a guardrail installed at knee level.

It is placed onto the second rung from above and acts as a lever for opening the snap-on claw (see detail).



The **red/orange** locking clips of the decks permit, thanks to their geometry designed specially for the purpose, effortless installation and removal by a single person; first open them and place the deck with the opened clips on the rung, then open the opposite clips and lift out the deck.

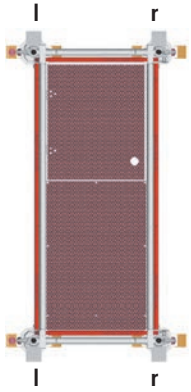
7. BALLASTING

Attachment of ballast weights

Assembly central:

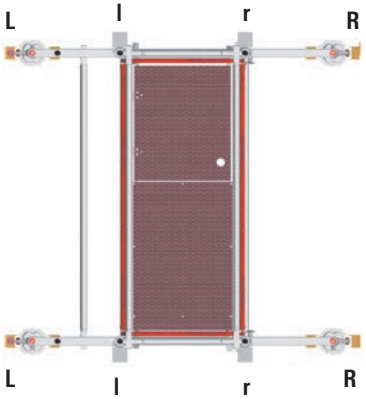
Model:

1403201



Models:

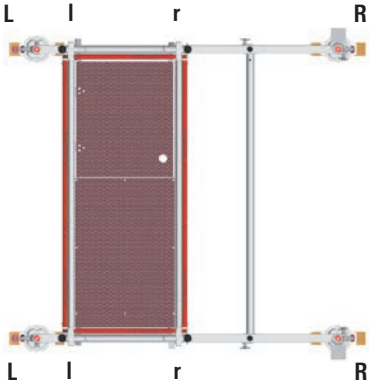
1403202 – 1403207



Assembly off-centre:

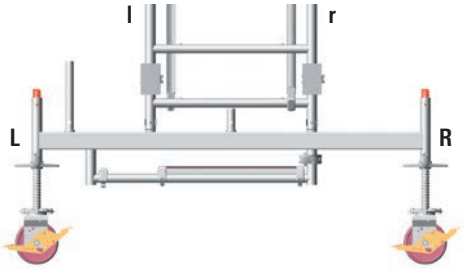
Models:

1403202 – 1403207



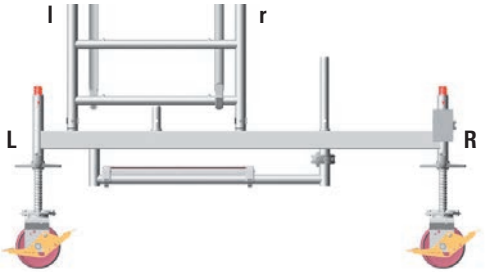
Models:

1403202 – 1403207

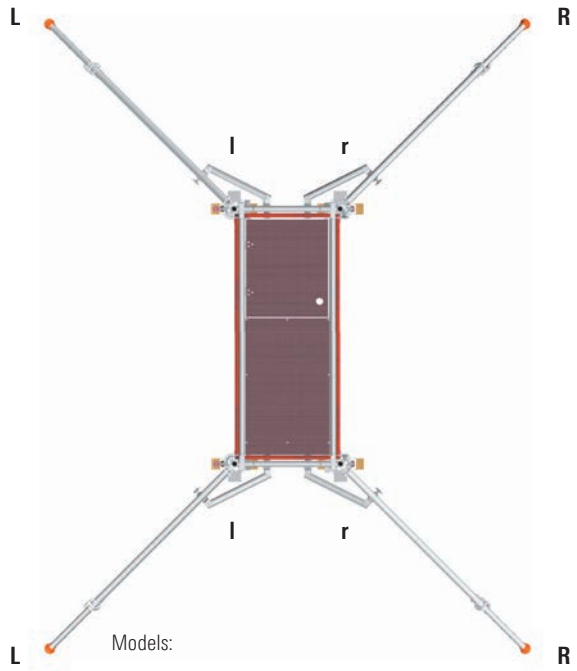


Models:

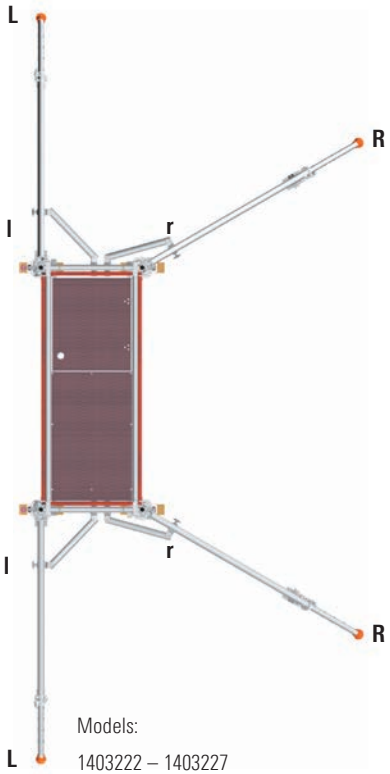
1403202 – 1403207



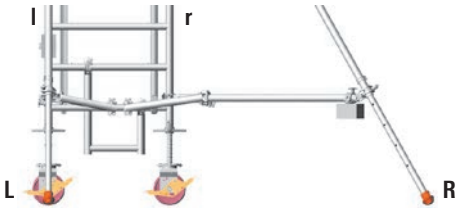
Assembly off-centre:



Models:
1403222 – 1403227



Models:
1403222 – 1403227



Example for assembly of model 1403204

Assembly outdoors in central position

Ballast: see page 8

Tower model	1403204
Working height [m]	6.26
Tower height [m]	5.48
Platform height [m]	4.26
Weight [kg] (without ballast)	181.5
Ballasting	
Indoors	
Assembly central	I2 r2
Assembly off-centre	L0 R4
Assembly off-centre with wall bracing	L2 R2
Outdoors	
Assembly central	I3 r3
Assembly off-centre	L0 R6
Assembly off-centre with wall bracing	L4 R2

8. STABILISER ATTACHMENT

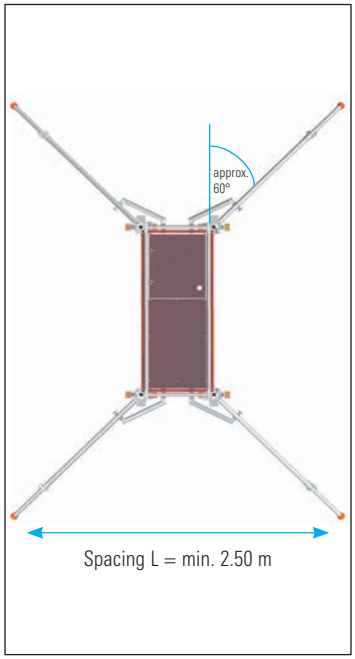
Before assembly, please note pages 10 – 13 "Basic assembly for rolling tower models without mobile beams". With this assembly form, the fixed and adjustable mobile beams are dispensed with. They are replaced by extendable stabilisers or 5 m stabilisers.

Attach a stabiliser 34 to each stile of the ladder frame 28 / 29 as follows.
Position the upper half-coupler of the stabiliser 34 at the appropriate height on the ladder frame 28 / 29, and before finally tightening the handwheels position the transverse tube by means of the half-coupler, also at the appropriate height on the ladder frame 28 / 29. After alignment of the stabilisers in the correct position (against wall or free-standing) and ensuring a firm stand on the ground, tighten the half-couplers using the handwheels.
It must be ensured that the spring clips safely engage in the telescoping parts of the extendable stabilizer.

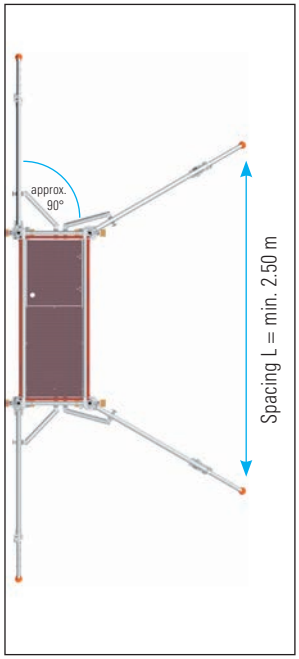
Set the alignment of the stabilisers as follows:
Free-standing assembly:
in each case about 60° to the tower longitudinal side (Fig. left).
Assembly against a wall
On the wall side about 90° to the tower end face
Side facing away from the wall about 60° to the tower longitudinal side (Fig. right).

The specified angles can be checked after attachment of the stabilisers on the basis of the length dimensions "Spacing L".
To ensure that the position of the stabilisers cannot change, for example due to inadvertent rotation, attach the tower rotation lock 33 to the stabiliser 34.
Position the tower rotation lock between the ladder frame and the stabiliser 34 such that one half-coupler is fastened to the transverse tube of the stabiliser and the second half-coupler to the ladder frame rung. After positioning, tighten the half-couplers using the handwheels.
When moving the mobile working platform, do not lift the stabiliser more than 2 cm off the ground.
Correct ballasting of the individual models is specified in the table for ballasting (see page 9). For work performed on a load-bearing wall, wall bracing can be fitted on both sides of the tower, allowing a reduction of the ballasting in accordance with the table (see page 9).

Free-standing assembly

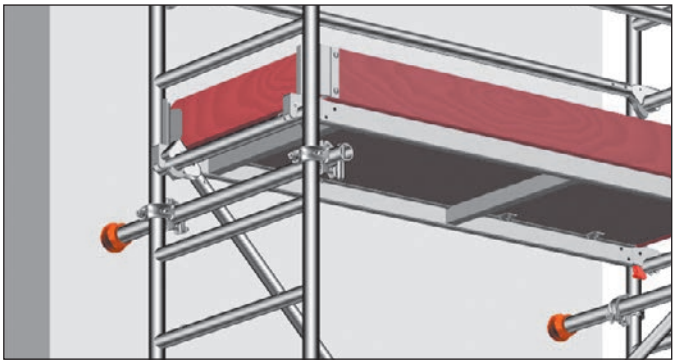


Assembly against a wall

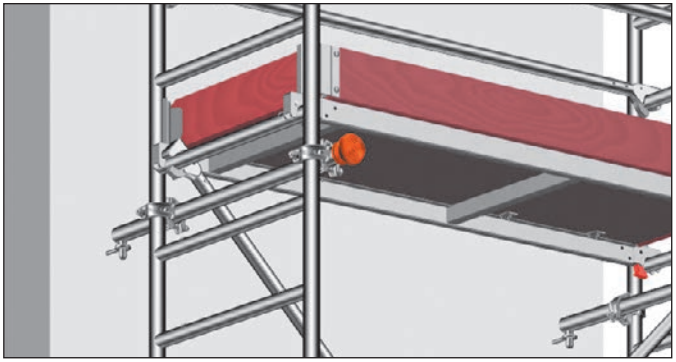


9. WALL BRACING (under compression) ANCHORING (under compression and tension)

For work performed on a load-bearing wall, reduce the ballasting in accordance with the **Ballasting** table (see page 8). In this case, wall supports or anchoring must be installed on both sides of the tower.
Use the Uni distance tube 21 and fix it to the ladder frame 28 / 29 using two couplers 22 in each case.
Position the rubber mount on the wall (see detail A) to provide bracing.
Use the Uni distance tube, rotated by 180°, for anchoring and fit it into an eyebolt (see detail B) which was attached to the wall previously.
Install the mobile beams such that they project from the side facing away from the wall.
Attach the wall supports / anchoring at the height of the top working platform or at most 1 m below that.



Detail A



Detail B

10. PARTS LIST

Tower model	Reference No.	1403201	1403202	1403203	1403204	1403205	1403206	1403207
Bolt M12x60	1203.060	4	4	4	4	4	4	4
Guardrail 1.80 m	1205.180	0	4	9	8	13	12	17
Double guardrail 1.80 m	1206.180	2	0	0	0	0	0	0
Diagonal brace 2.50 m	1208.180	0	2	2	4	4	6	6
Diagonal brace 1.95 m	1208.195	0	0	2	0	2	0	2
Basic tube 1.80 m	1211.180	0	1	1	1	1	1	1
End toe board 0.75 m	1238.075	0	2	2	2	2	2	2
Toe board 1.80 m with claw	1239.180	0	2	2	2	2	2	2
Deck 1.80 m	1241.180	0	1	0	1	0	1	0
Access deck 1.80 m	1242.180	1	1	2	2	3	3	4
Spring clip 11 mm	1250.000	0	8	8	12	12	16	16
Ladder frame 75/4–1.00 m	1297.004	0	2	0	2	0	2	0
Ladder frame 75/8–2.00 m	1297.008	2	2	4	4	6	6	8
Castor 400–4 kN	1308.150	4	4	4	4	4	4	4
Mobile beam with bar	1323.180	0	2	2	2	2	2	2
Uni assembly hook	1300.001	0	1	1	1	1	1	1
Ballast	1249.000	For the number of ballasting weights, see the ballasting table, page 8						

Assembly variants with stabiliser, extendable: 1403222 – 1403227

Tower model	Reference No.	1403222	1403223	1403224	1403225	1403226	1403227
Guardrail 1.80 m	1205.180	6	10	10	14	14	18
Diagonal brace 2.50 m	1208.180	2	2	4	4	6	6
Diagonal brace 1.95 m	1208.195	0	2	0	2	0	2
End toe board 0.75 m	1238.075	2	2	2	2	2	2
Toe board 1.80 m with claw	1239.180	2	2	2	2	2	2
Access deck 1.80 m	1242.180	1	2	2	3	3	4
Aluminium stabiliser, extendable	1248.260	4	4	4	4	4	4
Rotation lock	1248.261	4	4	4	4	4	4
Spring clip	1250.000	4	4	8	8	12	12
Ladder frame 75/4–1.00 m	1297.004	2	0	2	0	2	0
Ladder frame 75/8–2.00 m	1297.008	2	4	4	6	6	8
Uni assembly hook	1300.001	1	1	1	1	1	1
Castor 400–4 kN	1308.150	4	4	4	4	4	4
Access ledger 0.30 m	1344.002	1	1	1	1	1	1
Ballast	1249.000	For the number of ballasting weights, see the ballasting table, page 9					

11. COMPONENTS OF THE SYSTEM

1

1308.150 Castor 400
Plastic wheel, Ø 150 mm,
with single brake lever,
permissible load capacity 4 kN (≈ 400 kg),
weight 2.2 kg.

2

1309.150 Castor 400
Plastic wheel with Vulkollan tyre,
Ø 150 mm, permissible load 4 kN
(≈ 400 kg). Special wheel for sensitive
floor surfaces. Wheel and slewing ring
can be locked. Weight 2.5 kg.

3

1300.150 Castor D = 150 with base plate 250
Plastic wheel, Ø 150 mm, with base
plate, adjustment range 0 – 0.20 m,
spindle nut with lock, wheel with
twin brake lever and load centering
when braked.
Permissible load capacity:
7 kN (≈ 700 kg).

4

1259.201 Castor 700
Plastic wheel, Ø 200 mm.
With base plate,
adjustment range 0.30 – 0.60 m,
spindle nut with lock, wheel with
twin brake lever and load centering
when braked.
Permissible load capacity:
7.0 kN (≈ 700 kg).

Functioning predecessor article 1259.200 (not shown) can remain in use.

5

1259.202 Castor 700 with polyurethane tyre
Plastic wheel, Ø 200 mm.
With base plate,
adjustment range 0.30 – 0.60 m,
spindle nut with lock, wheel with
twin brake lever and load centering
when braked.
Permissible load capacity:
7.0 kN (≈ 700 kg).

Functioning predecessor article 1268.200 (not shown) can remain in use.

6

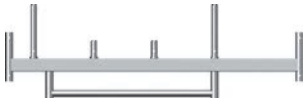
1260.201 Castor 1000
Plastic wheel, Ø 200 mm, polyamide.
With base plate,
adjustment range 0.30 – 0.60 m,
spindle nut with lock, wheel with
twin brake lever and load centering
when braked.
Permissible load capacity:
10 kN (≈ 1,000 kg).

Functioning predecessor article 1260.200 (not shown) can remain in use.

7

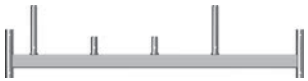
1260.202 Castor 1000 with electrically conductive polyurethane tyre
Plastic wheel, Ø 200 mm of polyamide with tyre of electrically conductive polyurethane. With base plate,
adjustment range 0.30 – 0.60 m,
spindle nut with lock, wheel with
twin brake lever and load centering
when braked. Permissible load
10 kN (≈ 1,000 kg).
Special wheel for sensitive floors,
and thanks to electrical conductivity
usable in explosion-proof or in
ESD-risk areas, electrical leakage
resistance as per DIN EN 12526
< 104 Ω.

8



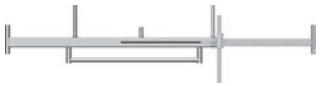
1323.180 Mobile beam w. bar 1.80 m
Steel rectangular tube, hot-dip-galvanised. For base widening in mobile working platforms. Width 1.80 m, weight 16.8 kg.

9



1214.180 Mobile beam 1.80 m
Steel rectangular tube, hot-dip-galvanised. For base widening in mobile working platforms. Width 1.80 m, weight 14.4 kg.

10



1323.320 Mobile beam with bar, 3.20 m, adjustable
Steel rectangular tube, hot-dip-galvanized. For base widening in mobile working platforms. Width max. 3.20 m, min. 2.30 m, weight 42.5 kg.

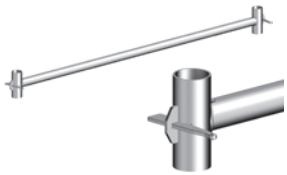
11

1338.320 Mobile beam with 2 spigots, 3.20 m, adjustable
Steel rectangular tube, hot-dip-galvanised. For base widening in special rolling tower structures. Width max. 3.20 m, min. 2.30 m, weight 42.6 kg.

12

1337.000 spigot, adjustable
for twin towers, steel, hot-dip-galvanised. For use with mobile beam No. 1338.320
Weight 2.1 kg.

13



1211.180 Basic tube 1.80 m
steel tube, hot-dip-galvanized.
Length 1.80 m, weight 7.7 kg.

14

1324.180 Base strut 1.80 m
with 2 half-couplers, steel tube hot-dip-galvanised, length 1.80 m, weight 6.2 kg.

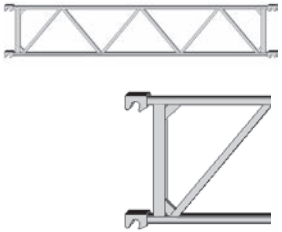
15

1205.180 Guardrail 1.80 m
aluminium.
Length 1.80 m,
weight 2.3 kg.

16

1206.180
Double guardrail 1.80 m
aluminium.
Length 1.80 m, height 0.50 m,
weight 5.8 kg.

17



0701.938 Beam 1.80 m
aluminium. Support elements in tower construction kit or double side protection.
Length 1.80 m, height 0.50 m,
weight 7.2 kg.

18

1208.180 Diagonal brace 2.50 m
aluminium.
Length 2.50 m,
weight 3.3 kg.

19

1208.195 Diagonal brace 1.95 m
aluminium.
Length 1.95 m,
weight 2.8 kg.

20

1347.250 Deck diagonal brace 2.50 m
Weight 4.2 kg.

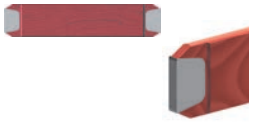
21

1275.110 Uni distance tube
Aluminium tube with hook and rubber mount. Dia. 48.3 mm, length 1.10 m, weight 1.4 kg.

22

4700.019 / 4700.022
Double coupler
19 or 22 mm WS,
weight 1.3 kg.

23



1238.075
End toe board 0.75 m
wood.
Length 0.73 m, height 0.15 m, weight 1.6 kg.

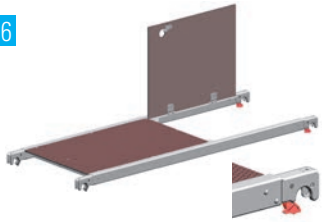
24

1239.180 Toe board 1.80 m with claw
wood.
Length 1.80 m, height 0.15 m, weight 4.2 kg.

25

1241.180 Deck 1.80 m
Aluminium frame with deck of plywood (BFU 100G) with phenolic resin coating.
Length 1.80 m, width 0.68 m, weight 13.3 kg.

26



1242.180
Access deck 1.80 m
Aluminium frame, with deck and hatch of plywood. (BFU 100G) with phenolic resin coating. Length 1.80 m, width 0.68 m, weight 15.0 kg.

27

1250.000 Spring clip
steel.
Weight 0.1 kg.

28

1297.004 Ladder frame 75 / 4
aluminium with press-in spigot. Rungs with non-slip grooving.
Height 1.00 m,
width 0.75 m, weight 4.7 kg.

29

1297.008 Ladder frame 75 / 8
aluminium with press-in spigot. Rungs with non-slip grooving.
Height 2.00 m,
width 0.75 m, weight 8.6 kg.

30

1300.001 Uni assembly hook
polyethylene,
set of 2.
Weight 1.2 kg.

31

1344.002 Access ledger 0.3
aluminium, length 0.27 m,
weight 2.9 kg.

32

1249.000 Ballast (10 kg)
steel, hot-dip-galvanised with half-coupler.

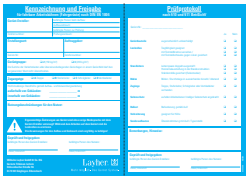
33

1248.261 Rotation lock
aluminium.
Length 0.50 m,
weight 2.8 kg.

34

1248.260 Stabiliser, extendable
aluminium.
Length 2.60 m,
weight 8.5 kg.

6344.400
Tower identification block



6344.010 See-through pocket,
with integrated prohibition sign.

12. CERTIFICATE

In view of possible expiry dates and/or updating, you can obtain the appropriate certificate on request using the contact details stated overleaf.

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