Layher®

More Possibilities. The Scaffolding System.

LAYHER ACCESS SOLUTIONS
CATALOGUE 2024/2025

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Quality management certified according to DIN EN ISO 9001

Energy management certified according to DIN EN ISO 50001

Environmental management certified according to DIN EN ISO 14001

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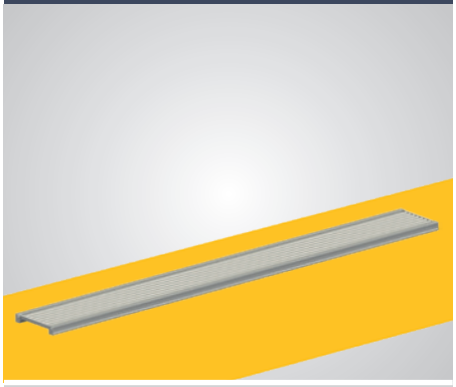


NOTICE

All dimensions and weights are guideline values.
Component weights are subject to fluctuations due to tolerances and may therefore diverge from what is specified.
Subject to technical modification.

Our deliveries shall be made exclusively in accordance with our currently valid General Terms of Sale.
These include the following provisions:

- The place of performance is Gueglingen-Eibensbach.
- Title to the delivered goods shall be retained until full payment has been made.

The fully GTC you can find here: **gtc.layher.com**

Steel components are hot-dip galvanized according to EN ISO 1461 and DASt guideline 022.
Connection parts or other small pieces can be galvanized according to EN ISO 4042.

Further Information, you can find in the Layher Info. Just scan the QR Code.

Further information for assembly and use. Just scan the QR Code.

Further information, you can find in the product film. Just scan the QR Code.

Further information, you can find in the software. Just scan the QR Code.

MADE IN GERMANY – MADE BY LAYHER

Headquarters in Eibensbach

Plant 2 in Gueglingen

Plant 3 in Cleebronn

QUALITY MADE IN GERMANY.

Quality made by Layher comes from Gueglingen-Eibensbach. Our company has set down deep local roots since it was established. Right up until today, development, production and management, sales and export department are all in one place, where the conditions are best for achieving quality made by Layher: in Gueglingen-Eibensbach. The three locations together cover a surface area of 428,000 m². This includes more than 228,000 m² of covered production and storage areas.

SIMPLY SAFE. THE ACCESS SOLUTIONS.

This brand promise made by Layher is the expression of a brand philosophy that we've been living by for over 75 years. More speed, more safety, more proximity, more simplicity and more future: values with which we strengthen our customers' competitiveness in the long term. With our innovative systems and solutions, we're working all the time on making scaffolding construction even simpler, even more economical and, above all, even safer.

SUSTAINABILITY AT LAYHER.

We've long been acting with a clear focus, with a view to both economic and ecological sustainability in all our process steps. Social responsibility towards employees, clients and society as a whole are at the very centre of this. We're a dependable employer, active in protecting our resources. The sparing use of work materials as a feature of our sustainable approach is fundamental to how we see ourselves: we already take care to ensure sustainable building methods when planning a new production facility, for example by greening the roofs or using photovoltaic systems. We also value locations that are close by, avoiding unnecessary CO_2 emissions due to long traffic routes. The topic of sustainability is firmly embedded in Layher's organisational structure thanks to its energy management team. Their work has paid off in particular in the form of DIN EN ISO 50001 certification.

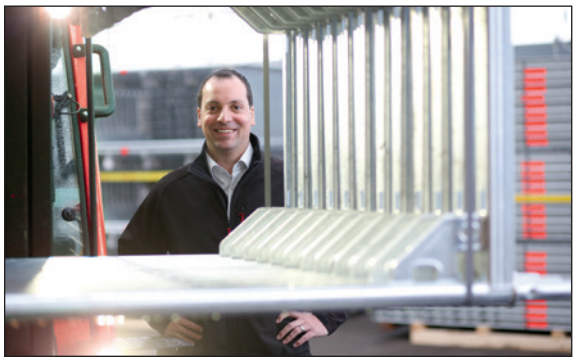
Discover the world of Layher in its company film at:
yt-image-en.layher.com

MORE SPEED

High level of material availability, effective delivery service and quick assembly and dismantling of the scaffolding systems thanks to 100% fitting accuracy.

MORE SAFETY

Outstanding quality and precision coupled with a long service life – confirmed internationally through independent certifications, inspections and approvals. Continuity and long-term partnership.



MORE PROXIMITY

Comprehensive personal consultation and close-knit delivery network. Global presence through our own subsidiaries. Family-owned company that works closely with its customers.

MORE SIMPLICITY

Economical scaffolding systems that have been proven in practice, available with an extensive product range. Cross-system combinations for versatile use. Rapid decision making thanks to efficient structures and processes.

MORE FUTURE

Thanks to permanent product innovations and the improvement of existing parts. By opening up new areas of business. With an integrated system to ensure high profitability and retention of investment value. Through an extensive range of training opportunities and seminars to ensure that customers are always right up-to-date with the latest technical and commercial developments.

Layher Lightweight: Through the use of high-tensile steel, a new production process, and an improved design, we have succeeded in minimising the weight of the core components of our systems – while maintaining or raising load-bearing capacity.

REQUIREMENTS OF THE DIN EN 131

DIN EN 131-1

With effect from 1 January 2018, extensive amendments to the standard will come into force for ladders used in the commercial field as simple ladders and will require a cross-piece for simple ladders with a length of 3 metres and above. This also includes multi-function ladders usable as simple ladders. The width of the cross-piece is proportionate to the ladder length and to the external width of the ladder, widening as the ladder length increases.

What does that mean for dealers? As a general principle your warehouse stocks are protected. You can still sell the ladders you purchased prior to 1 January 2018 without cross-pieces.

- Layher recommends however that simple ladders be immediately modified to comply with the current standard in accordance with DIN EN 131-1.
- Even multifunctional ladders such as the Layher telescopic ladder *TOPIC* 1058 must have a base widening in the lean-to position.

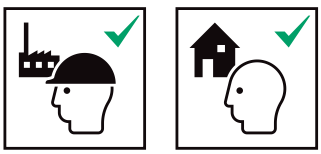
What does that mean for end users? Commercial users can use their simple ladders without cross-pieces until the next scheduled ladder inspection. After that, the ladders must be upgraded to conform to the new standard (i.e. with cross-pieces).

- Layher ladders are, thanks to the Combigrip ladder foot, simple to equip with cross-pieces so that they conform to the valid standard.

DIN EN 131-2

All ladders will be categorised as commercial-use or private-use-only ladders. This categorisation is based on a differing basic load during individual tests on the ladders (2250 N to 2700 N). Furthermore, 'durability test for double ladders', 'slip resistance test on floors for simple ladders', 'stability test of simple ladders with lateral stabilisation devices' and 'twisting test for simple ladders' have been added. The purpose of these additional tests is to improve the stability and safety of the products when in use. Ladders approved for commercial use may be used in private households too.

What does that mean for dealers? When selling the ladders, the intended use (private or commercial purposes) must be borne in mind. The approved application is identified by the following pictograms.



- All Layher ladders meet, without exception, the requirements for commercial use and hence also for private use.

What does that mean for end users? In the commercial field, only ladders approved for that purpose and identified by appropriate pictograms may be used.

- All Layher ladders meet, without exception, the requirements for commercial use and hence also for private use.

DIN EN 131-3

Since September 1, 2018 user information (instructions for assembly and use) must be supplied in printed form with every ladder. The label must now show the precisely specified DIN pictograms.

What does that mean for dealers? Since September 1, 2018 instructions for assembly and use must be supplied with every ladder sold. This must be forwarded by the dealer to the customer.

- Layher will implement this requirement starting on the date specified to do so. Instructions for assembly and use will then be enclosed ex works in the ladder packaging. Alternatively, they can be downloaded for printout in the 'Mediathek' at **downloads.layher.com** free of charge.

What does that mean for end users? The instructions for assembly and use must be kept to hand during use of the ladder.

DIN EN 131-4

Since September 2020 the amendments to standard DIN EN 131-4 apply. This means that multi-purpose ladders like the Layher car boot ladder *TOPIC* 1057.112 with 4 x 3 rungs, which can be used as a work platform, must be delivered by the manufacturer including matching platforms.

- Layher is offering with immediate effect a simple, high-quality and economical solution: the car boot ladder 4 x 3 including platform with reference number 1057.043 as a KIT – consisting of car boot ladder *TOPIC* 1057 and platform.
- The telescopic ladder *TOPIC* 1058 with base widening, Ref. no. 1016.175 corresponds to latest version of the DIN EN 131-4.

What does that mean for customers and end users?

- After the new DIN EN 131-4 has come into effect, dealers may continue to sell ladders in stock that were produced in accordance with the previous standard.
- After the new DIN EN 131-4 has come into effect, customers may also continue to use already purchased ladders that were produced in accordance with the previous standard until the next scheduled ladder inspection.

LADDER EXAMINATION

- Every Layher ladder will be examined before leaving the plant.
- Please note the date the next examination on the ladder label (depending on the quantity of uses).
- Layher recommends an annual examination.
- The examination must be documented and archived and must be performed by a qualified person.

SAFER WORKING IN ACCORDANCE WITH TRBS 2121-2

FOR MORE SAFETY AT THE WORKPLACE

TRBS 2121-2 are technical rules for operating safety that govern the commercial use of ladders. They are not separate legal regulations. They specify, within the scope of their application, the requirements of the German Ordinance on Industrial Safety and Health. By compliance with these Technical Rules, contractors / commercial users can work on the assumption that the appropriate requirements of the Ordinance are met and that they are thus acting in conformity with the law.

Ladders as workplaces

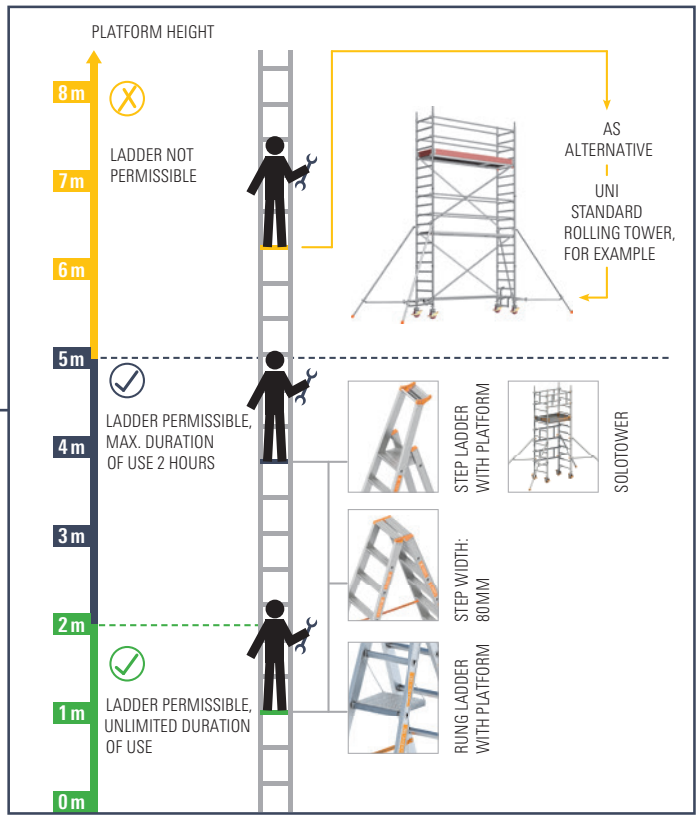
- The commercial user may use ladders as workplaces when standing with both feet on a step (min. 80 mm depth) or platform.
- The use of step ladders or platform ladders as high-level workplaces is permitted without restriction up to a platform height of 2 metres.
- For a platform height between 2 metres and 5 metres, ladders may be used for work in limited periods (up to 2 hours per work shift).
- Layher offers in its simple ladder and double ladder range various ladder models with steps and / or platform.
- Layher also offers a suspended platform (Ref. No. 1016.003) as a retrofit set, which can to used to upgrade existing rung ladders from Layher and allow them to remain in use as workplaces.

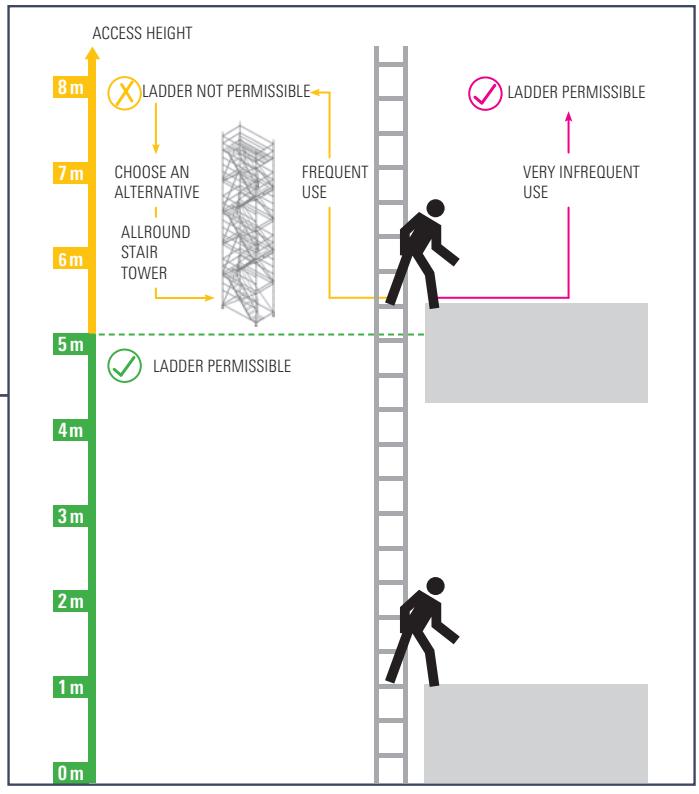
Use of rung ladders as workplaces in exceptional cases:

- In specifically justified exceptional cases (e.g. for work in narrow shafts, ergonomic reasons), working on portable ladders with rungs is permissible.
- The specific reasons must be documented by the contractor / commercial user in the risk assessment to be conducted for every activity / every site.

Ladders as accesses

- Up to a height of 5 metres, rung ladders and step ladders may remain in use as accesses (entry / exit) to high-level workplaces.
- Above 5 metres, ladders may only be used as accesses when this is only a very infrequent occurrence.
- Layher recommends, for alternative access to high-level workplaces above 5 metres, scaffolding stair towers made using Layher Allround Scaffolding.





LAYHER LADDERS

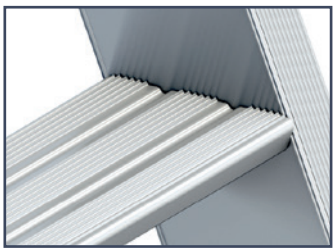
THE QUALITY IS IN THE DETAILS

Plastic-sheathed steel joints

- Play-free screw connection for long life

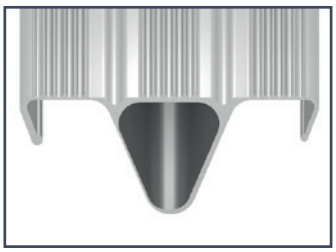
Stile section

- Torsion stiff stile section for high loads at low weight
- Beading along the outer stile face prevents damage to the rung flanges, for example when they are slid over the edges of the truck loading area.



Quadruple folding

- Increased contact area by rung folding on the inner stile face
- Higher forces can be transmitted
- Optimal stile-rung-connection

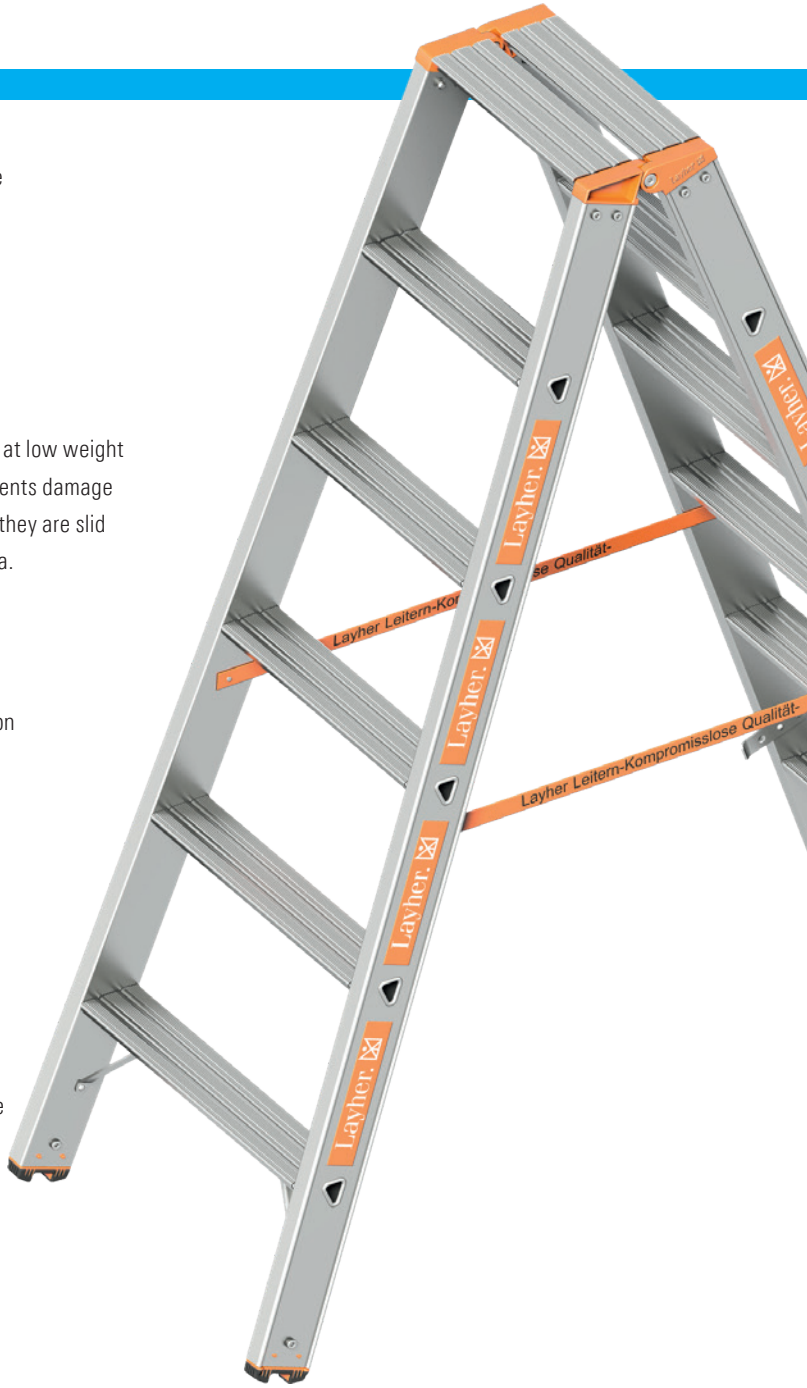


Triangular profile and grooving

- Sure footing by heavily grooved rungs and steps, R12 slip resistance in step direction
- Increased turning protection within the stiles thanks to triangular rung shape

Combigrip ladder foot

- Optimal hold in the stile with good slipping prevention
- Easy and fast retrofitting of ladder cross-pieces for single ladders



The load-bearing capacity of Layher Ladders is always 150 kg – if nothing different is mentioned.

With Layher ladders you don't just get the statutory warranty, but benefit from a 5-year Layher warranty. It covers material and workmanship flaws in all aluminium and steel parts. It starts from the purchase date of the product, as printed on your receipt. The claims arising from this warranty will be processed at the location of one of our many branches or delivery warehouses in Germany or at our headquarters.

Documented safety: Layher products can be measured by these quality and safety standards:

Single ladder wide *TOPIC* 1054

The wide single ladder for even more comfortable standing – increased stability and improved lateral stability. Slip-resistant plastic shoes for sure footing.

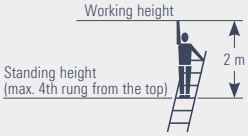
Clear width:	**390 mm**
Outer width to 16 rungs:	**448 mm**
Outer width from 18 rungs:	**450 mm**
Rung spacing:	**280 mm**
Cross-piece width from 12 rungs:	**1130 mm**

TIP:
With the Layher Combigrip ladder foot, you automatically comply with the new requirements of DIN EN 131-1, which will specify a cross-piece for simple ladders of 3 metres and more length. The Layher Combigrip ladder foot can be quickly and easily retrofitted in TOPIC ladders of earlier generations. Retrofit kits see page 30.


Single ladder wide *TOPIC* 1054

Length [m]	Number of rungs	Standing height [m]	Stile height [mm]	Weight approx. [kg]	Ref. No.	
1.75	6	0.70	64	4.0	**1054.006**	
2.30	8	1.25	64	5.0	**1054.008**	
2.85	10	1.80	64	6.0	**1054.010**	
3.49	12	2.40	64	9.5	**1054.012**	ⓘ
4.09	14	2.90	64	11.0	**1054.014**	ⓘ
4.64	16	3.45	64	12.5	**1054.016**	ⓘ
5.19	18	3.95	76	13.5	**1054.018**	ⓘ
5.74	20	4.50	76	15.5	**1054.020**	ⓘ
6.29	22	5.00	76	16.5	**1054.022**	ⓘ
6.89	24	5.55	100	18.0	**1054.024**	ⓘ

ⓘ Ladders, highlighted with ⓘ will be delivered ex works with cross-piece.



Suitable accessories


Suspended platform


Gutter holder


Suspension hook

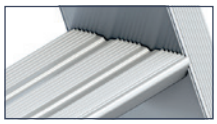

Wall bracket


Ladder wall mounting

Other accessories can be found on page 28.

Single step ladder *TOPIC* 1042

Single ladder with steps for a wider standing area. Easy to use, maximum safety thanks to slip-resistant plastic shoes.




up to 250 kg

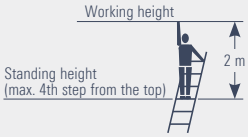
Clear width:	**390 mm**
Outer width:	**450 mm**
Step spacing:	**250 mm**
Step length:	**80 mm**
Stile height:	**76 mm**
Cross-piece width from 12 rungs:	**1130 mm**

TIP:
With the Layher Combigrip ladder foot, you automatically comply with the new requirements of DIN EN 131-1, which will specify a cross-piece for simple ladders of 3 metres and more length. The Layher Combigrip ladder foot can be quickly and easily retrofitted in TOPIC ladders of earlier generations. Retrofit kits see page 30.


Single step ladder *TOPIC* 1042

Length [m]	Number of steps	Standing height [m]	Max. load [kg]	Weight approx. [kg]	Ref. No.		
1.65	6	0.65	250	5.0	**1042.006**	▦	
1.90	7	0.90	250	5.6	**1042.007**	▦	
2.15	8	1.10	250	6.2	**1042.008**	▦	
2.40	9	1.35	250	7.0	**1042.009**	▦	
2.65	10	1.60	250	7.6	**1042.010**	▦	
3.24	12	2.15	250	12.4	**1042.012**	▦	ⓘ
3.49	13	2.40	250	12.9	**1042.013**	◷	ⓘ
3.74	14	2.60	250	13.4	**1042.014**	▦	ⓘ
3.99	15	2.85	225	13.9	**1042.015**	▦	ⓘ
4.24	16	3.10	225	14.3	**1042.016**	▦	ⓘ
4.49	17	3.35	225	14.8	**1042.017**	▦	ⓘ
4.74	18	3.60	225	15.3	**1042.018**	▦	ⓘ

ⓘ Ladders, highlighted with ⓘ will be delivered ex works with cross-piece.



Suitable accessories


Gutter holder


Suspension hook


Wall bracket


Ladder wall mounting


Insert hook

Other accessories can be found on page 28.

▦ = available ex works ◷ = delivery time on request **PU** = packaging unit ▦ = only available in this packaging unit

Wooden single ladder 1023 with steps

The wooden single ladder has 80 mm wide and grooved steps for high slip resistance. Stiles are made of sturdy pine wood and the steps are made of solid beech. For more safety, the steps are inserted through a grooved joint in the stile, glued and screwed. The 1023.012 is delivered with a crossbar.

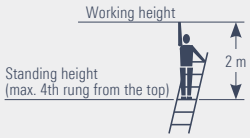
Clear width: **365 mm**
Outer width: **409 mm**
Rung spacing: **250 mm**
Stile height: **70 mm**

WHILE STOCKS LAST

Wooden single ladder 1023 with steps

Length [m]	Number of steps	Standing height [m]	Weight approx. [kg]	Ref. No.	
1.80	6	0.71	5.5	**1023.006**	
2.30	8	1.18	7.0	**1023.008**	
2.80	10	1.65	9.0	**1023.010**	
3.39	12	2.15	11.5	**1023.012**	ⓘ

ⓘ Ladders, highlighted with ⓘ will be delivered ex works with cross-piece.



Suitable accessories

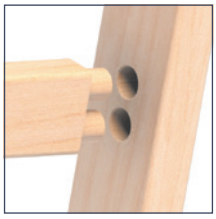
Ladder wall mounting

Other accessories can be found on page 28.

Wooden single ladder 1052

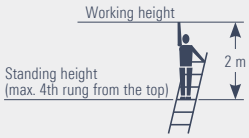
The wooden single ladder is a simple, sturdy yet high-quality ladder. The stiles are made of solid red pine. The rungs are made from sturdy beechwood. Thanks to the special square-section studs and a special gluing process, a durable and permanent connection between stile and rung is achieved.

Clear width: **350 mm**
Outer width: **400 mm**
Rung spacing: **280 mm**
Stile height: **65 mm**



Wooden single ladder 1052

Length [m]	Number of rungs	Standing height [m]	Weight approx. [kg]	Ref. No.	
1.90	6	0.80	5.5	**1052.206**	
2.45	8	1.35	7.5	**1052.208**	
2.99	10	1.85	9.5	**1052.210**	



Suitable accessories

Suspended platform

Wood stile extension set EasyFix

Ladder shoe for wooden ladder

Ladder wall mounting

Other accessories can be found on page 28.

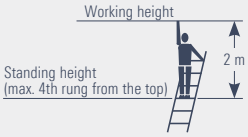
Wooden single ladder for builders 1036

The classic wooden single ladder is ideal for many applications, e.g. rugged use on construction sites. Stiles and rungs made of narrow-ringed spruce. Due to its conical design with pointed bar ends,the builder's ladder 1036 corresponds to the DIN 4567-3 and is therefore not subject to cross-piece obligation according to DIN EN 131.

Outer width at top: **385 mm**
Rung spacing: **280 mm**
Stile width: **40 mm**

Wooden single ladder for builders 1036

Length [m]	Number of rungs	Standing height [m]	Stile height [mm]	Outer width at bottom [mm]	Weight approx. [kg]	Ref. No.
3.00	10	1.85	85	430	11.9	**1036.010**
4.00	14	2.90	90	450	16.6	**1036.014**
5.00	17	3.70	95	470	20.2	**1036.017**
6.00	21	4.75	100	490	25.0	**1036.021**



Suitable accessories

Ladder wall mounting

Other accessories can be found on page 28.

Combination single ladder 1029

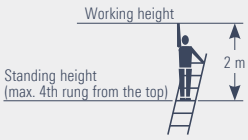
The classic single ladder has remarkable weight advantages thanks to the aluminium rungs which are suitable for regular and continuous use. Ideal for electricians and craftsmen as the ladder is electrical-lynon-conductive. Information on the insulation resistance, in accordance with VDE 0100, is available. From a length of 3 m the ladder 1029 does not correspond to the newest version of the DIN EN 131.

Clear width: **300 mm**
Outer width: **350 mm**
Rung spacing: **280 mm**
Stile height: **75 mm**

WHILE STOCKS LAST

Combination single ladder 1029

Length [m]	Number of rungs	Standing height [m]	Weight approx. [kg]	Ref. No.
2.40	8	1.30	5.8	**1029.008**
2.95	10	1.85	6.8	**1029.010**
3.50	12	2.40	8.6	**1029.012**
4.05	14	2.90	9.6	**1029.014**
4.35	15	3.15	10.2	**1029.015**



Suitable accessories

Suspended platform

Ladder wall mounting

Other accessories can be found on page 28.

= available ex works = delivery time on request **PU** = packaging unit = only available in this packaging unit

Extension step ladder *TOPIC* 1032

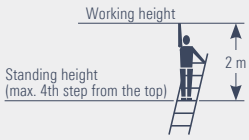
The Extension Step Ladder *TOPIC* 1032 has the proven torsion-stiff stile sections for high loads with a low weight. It also has, in accordance with DIN EN 131-1, a 1130 mm wide cross-piece to widen the base. The extending ladder (top section) is behind the bottom section, enabling smooth ascents and descents while reducing the risk of stumbling.

Clear width:	**390 mm**
Outer width:	**450 mm**
Step spacing:	**250 mm**
Stile height:	**76 mm**
Cross-piece width:	**1130 mm**

Extension step ladder *TOPIC* 1032

Length contr. [m]	Length extend. [m]	Number of steps	Standing height [m]	Weight approx. [kg]	Ref. No.		
2.29	3.30	2 x 8	2.10	15.0	**1032.008**		ⓘ
2.79	4.30	2 x 10	3.10	17.8	**1032.010**		ⓘ
3.29	5.30	2 x 12	4.00	20.5	**1032.012**		ⓘ
3.79	6.30	2 x 14	4.95	23.3	**1032.014**		ⓘ

ⓘ Ladders, highlighted with ⓘ will be delivered ex works with cross-piece.



Suitable accessories


Top rollers


Suspension hook


Cross-piece castors


Wall bracket


Insert hook

Other accessories can be found on page 28.

THE BENEFITS FOR YOU:

- Steps made of aluminium, grooved for better anti-slip resistance (corresponds to evaluation group R12)
- 80 mm deep steps, conforming to TRBS 2121-2 guidelines
- Comfortable stance with two steps one behind the other (like a platform)
- Comfortable width of 390 mm
- Sturdy aluminium fittings and engaging hooks
- Step spacing of 250 mm
- Maximum load of 150 kg
- Cross-piece for all four ladder sizes

Extension ladder *TOPIC* 1035

Two-part extension ladder for greater heights, with short transport and storage dimensions. Manual length adjustment rung by rung using engaging hook, secured against lifting out and sliding out of position on transport and use. The *TOPIC* 1035 can optionally be equipped with rollers.

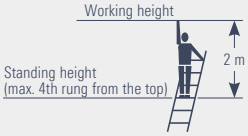
Clear width top section:	**300 mm**
Clear width bottom section:	**377 mm**
Outer width:	**438 mm**
Rung spacing:	**280 mm**
Cross-piece width to 10 rungs:	**890 mm**
Cross-piece width from 12 rungs:	**1360 mm**

TIP:
With the Layher Combigrip ladder foot, you automatically comply with the new requirements of DIN EN 131-1, which will specify a cross-piece for simple ladders of 3 metres and more length. The Layher Combigrip ladder foot can be quickly and easily retrofitted in TOPIC ladders of earlier generations. Retrofit kits see page 30.


Extension ladder *TOPIC* 1035

Length contr. [m]	Length extend. [m]	Number of rungs	Standing height [m]	Stile height [mm]	Weight approx. [kg]	Ref. No.	
1.75	2.85	2 x 6	1.80	64	7.6	**1035.006**	
2.29	3.80	2 x 8	2.65	64	12.5	**1035.008**	ⓘ
2.84	4.90	2 x 10	3.70	76	14.6	**1035.010**	ⓘ
3.39	5.95	2 x 12	4.75	76	18.4	**1035.012**	ⓘ
3.99	7.05	2 x 14	5.85	100	22.2	**1035.014**	ⓘ
4.54	8.00	2 x 16	6.60	100	24.6	**1035.016**	ⓘ
5.09	9.10	2 x 18	7.65	100	28.8	**1035.018**	ⓘ

ⓘ Ladders, highlighted with ⓘ will be delivered ex works with cross-piece.



Step attachement

Suitable accessories


Suspended platform


Gutter holder


Top rollers


Suspension hook


Cross-piece castors

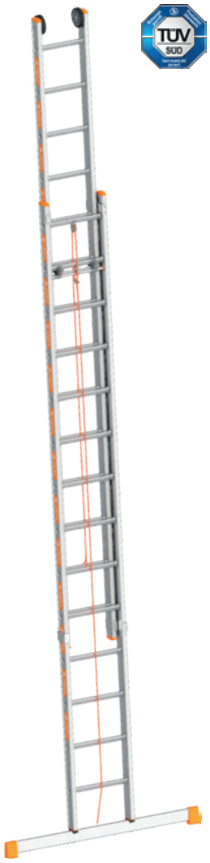
Other accessories can be found on page 28.

Rope extension ladder *TOPIC* 1037

For great heights. Always achieve the right working height thanks to rung-by-rung extension. Easy to use rope control, long-life plastic rope, releasing, lowering and securing with automatic drop catch. Rollers with rubber tyre to prevent damage when running up and down walls.

Clear width top section:	**300 mm**
Clear width bottom section:	**377 mm**
Outer width:	**438 mm**
Rung spacing:	**280 mm**
Cross-piece width:	**1360 mm**
Stile height (reinforced):	**100 mm**

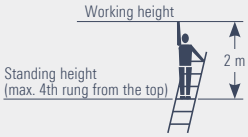
TIP:
With the Layher Combigrip ladder foot, you automatically comply with the new requirements of DIN EN 131-1, which will specify a cross-piece for simple ladders of 3 metres and more length. The Layher Combigrip ladder foot can be quickly and easily retrofitted in TOPIC ladders of earlier generations. Retrofit kits see page 30.

Rope extension ladder *TOPIC* 1037

Length contr. [m]	Length extend. [m]	Number of rungs	Standing height [m]	Weight approx. [kg]	Ref. No.	
4.15	7.15	2 x 14	5.80	27.0	**1037.014**	ⓘ
4.65	8.30	2 x 16	6.85	30.2	**1037.016**	ⓘ
5.20	9.10	2 x 18	7.60	35.5	**1037.018**	ⓘ
5.75	10.25	2 x 20	8.70	37.0	**1037.020**	ⓘ
6.30	11.35	2 x 22	9.75	41.3	**1037.022**	ⓘ

ⓘ Ladders, highlighted with ⓘ will be delivered ex works with cross-piece.



Step attachement

Suitable accessories


Suspended platform


Gutter holder


Top rollers


Suspension hook


Cross-piece castors

Other accessories can be found on page 28.

= available ex works = delivery time on request **PU** = packaging unit = only available in this packaging unit

Wooden double ladder with steps 1020

According to TRBS 2121-2

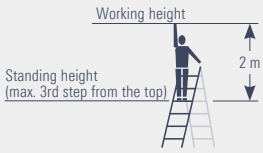
The classic craftsman's ladder. With 80 mm wide steps, access from either side and complete with tool bag, over-spreading prevented by 2 polyester straps, adjustable clamping pins, sturdily designed and galvanised steel hinges with bucket hook, metal catch at bottom of ladder to secure it during transport. Stiles of solid red pine. Rungs made of sturdy beechwood. Thanks to the special square-section studs and a special gluing process, a durable and permanent connection between stile and rung is achieved.

Step spacing: **250 mm**
Step length: **80 mm**
Stile height: **70 mm**




Wooden double ladder with steps 1020

Length [m]	Number of rungs / steps	Standing height [m]	Outer width at bottom [m]	Weight approx. [kg]	Ref. No.
1.15	2 x 4	0.47	0.50	7.7	**1020.004**
1.40	2 x 5	0.70	0.53	9.6	**1020.005**
1.65	2 x 6	0.94	0.56	11.6	**1020.006**
1.90	2 x 7	1.18	0.58	13.6	**1020.007**
2.15	2 x 8	1.41	0.61	15.7	**1020.008**
2.40	2 x 9	1.64	0.64	17.8	**1020.009**
2.65	2 x 10	1.88	0.66	20.0	**1020.010**



Suitable accessories

Ladder shoe for wooden ladder

Other accessories can be found on page 28.

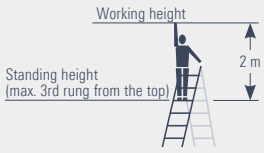
Wooden double ladder 1038

The classic craftsman's ladder. Access from either side and complete with tool bag, over-spreading prevented by 2 polyester straps, adjustable clamping pins, sturdily designed and galvanised steel hinges with bucket hook, metal catch at bottom of ladder to secure it during transport. Stiles of solid red pine. Rungs made of sturdy beechwood. Thanks to the special square-section studs and a special gluing process, a durable and permanent connection between stile and rung is achieved.

Step spacing: **280 mm**
Step length: **22 mm**


Wooden double ladder 1038

Length [m]	Number of rungs	Standing height [m]	Outer width at bottom [m]	Stile height [mm]	Weight approx. [kg]	Ref. No.
0.95	2 x 3	0.30	0.47	65	5.7	**1038.203**
1.25	2 x 4	0.55	0.50	65	7.4	**1038.204**
1.55	2 x 5	0.80	0.53	65	8.9	**1038.205**
1.80	2 x 6	1.05	0.56	65	10.4	**1038.206**
2.10	2 x 7	1.30	0.59	65	12.5	**1038.207**
2.35	2 x 8	1.60	0.62	65	14.3	**1038.208**
2.65	2 x 9	1.85	0.65	65	15.7	**1038.209**
2.95	2 x 10	2.10	0.68	65	17.5	**1038.210**
3.50	2 x 12	2.65	0.74	70	25.5	**1038.212**
4.05	2 x 14	3.15	0.80	70	30.0	**1038.214**



Suitable accessories

Suspended platform

Wood stile extension set EasyFix

Ladder shoe for wooden ladder

Other accessories can be found on page 28.

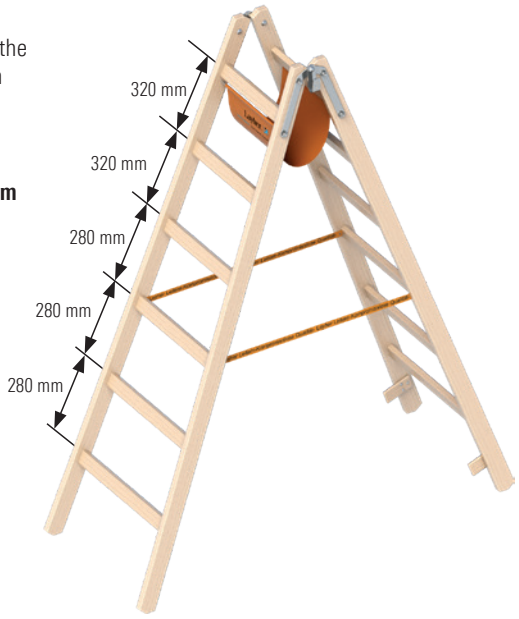
Wooden double ladder 1053 acc. to Ö-Norm Z1501

The both side accessible wooden ladder for special professional use. It contains ergonomic needs of painters, wallpaperers while long standing on the rungs. The ladders according to the additional Austrian standard Z1501are made accordingly to EN 131-1 and -2, excepting the two top rung spacings. They are 320 mm for comfortable standing on the ladder.

The configuration is the same as the wooden double ladder 1038

Rung spacing:
280 mm and 320 mm

AUVA approved



Combination double ladder 1028

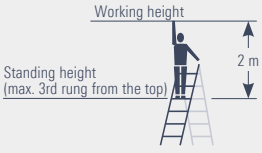
The wood / aluminium ladder, tried, tested and praised by craftsmen. Ideal for electricians and craftsmen, as it is not electrically conductive. Information on the insulation resistance, in accordance with VDE 0100 is available. Sturdy and torsion-stiff design. Extra-strong steel hinges, tear-proof polyester straps to prevent over-spreading.

Rung spacing: **280 mm**
Stile height: **75 mm**

WHILE STOCKS LAST

Wooden double ladder 1053 acc. to Ö-Norm Z1501

Length [m]	Number of rungs	Standing height [m]	Outer width at bottom [m]	Stile height [mm]	Weight approx. [kg]	Ref. No.
1.30	2 x 4	0.55	0.53	65	7.4	**1053.204**
1.60	2 x 5	0.80	0.56	65	9.2	**1053.205**
1.90	2 x 6	1.05	0.58	65	10.7	**1053.206**
2.15	2 x 7	1.30	0.61	65	12.8	**1053.207**
2.45	2 x 8	1.60	0.64	65	14.6	**1053.208**
2.70	2 x 9	1.85	0.67	65	16.0	**1053.209**
3.00	2 x 10	2.10	0.70	65	17.8	**1053.210**
3.56	2 x 12	2.65	0.76	70	25.8	**1053.212**



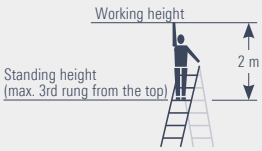
Suitable accessories

Ladder shoe for wooden ladder

Other accessories can be found on page 28.

Combination double ladder 1028

Length [m]	Number of rungs	Standing height [m]	Outer width at bottom [m]	Weight approx. [kg]	Ref. No.
1.55	2 x 5	0.80	0.50	7.6	**1028.005**
1.80	2 x 6	1.05	0.53	9.0	**1028.006**
2.10	2 x 7	1.30	0.56	11.0	**1028.007**
2.35	2 x 8	1.60	0.59	12.6	**1028.008**
2.95	2 x 10	2.10	0.65	16.0	**1028.010**
3.50	2 x 12	2.65	0.71	19.2	**1028.012**



Suitable accessories

Suspended platform

Suspended bag with hook

TOPIC Box

Insert hook

Other accessories can be found on page 28.

= available ex works = delivery time on request **PU** = packaging unit = only available in this packaging unit

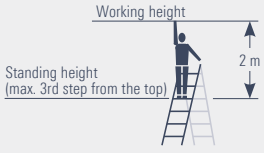
Double step ladder *TOPIC* 1043

The classic double ladder design with comfortable and wide steps. Plastic-sheathed steel hinges, angle reinforcements and tear-proof polyester straps are quality features. The two top steps make up a platform. The *TOPIC* 1043 is also available with an optional chain to secure it against spreading (price on request).

Step spacing: **250 mm**
Step length: **80 mm**
Stile height: **76 mm**

Double step ladder *TOPIC* 1043

Length [m]	Number of steps	Standing height [m]	Outer width at bottom [m]	Max. load [kg]	Weight approx. [kg]	Ref. No.
0.75	2 x 3	0.25	0.46	250	5.6	**1043.003**
1.00	2 x 4	0.50	0.48	250	6.8	**1043.004**
1.25	2 x 5	0.70	0.51	250	8.4	**1043.005**
1.50	2 x 6	0.95	0.53	200	9.8	**1043.006**
1.75	2 x 7	1.20	0.57	200	11.4	**1043.007**
2.00	2 x 8	1.40	0.60	200	13.4	**1043.008**
2.50	2 x 10	1.90	0.66	150	16.2	**1043.010**
3.00	2 x 12	2.40	0.72	150	19.8	**1043.012**



Suitable accessories


TOPIC Box


Insert hook

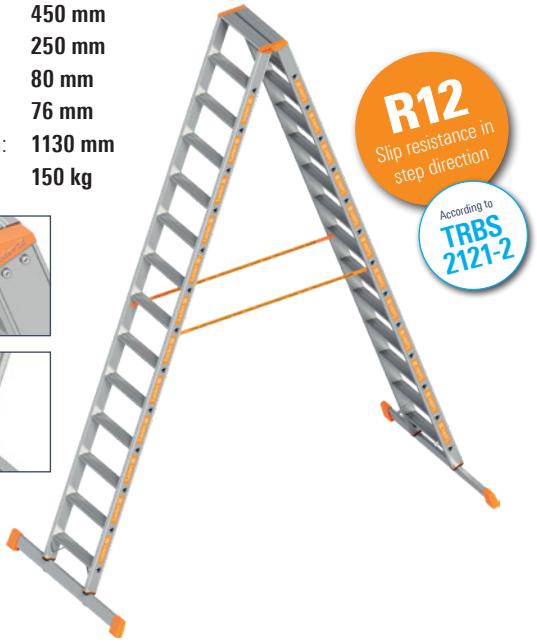

Spike

Other accessories can be found on page 28.

Double step ladder *TOPIC* 1043.1

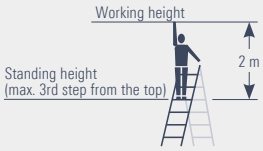
An extension of the classic step ladder with comfortable and wide steps, plastic-sheathed steel hinges, angle reinforcements and tear-proof polyester straps are quality features. Parallel stiles with a stile height of 76 mm, a clear width of 390 mm and cross-pieces on both sides guarantee a high level of safety plus convenient access.

Outer width: **450 mm**
Step spacing: **250 mm**
Step length: **80 mm**
Stile height: **76 mm**
Cross-piece width: **1130 mm**
Maximum load: **150 kg**



Double step ladder *TOPIC* 1043.1

Length [m]	Number of steps	Standing height [m]	Weight approx. [kg]	Ref. No.	
3.29	2 x 13	2.60	25.6	**1043.113**	
3.50	2 x 14	2.85	26.6	**1043.114**	
3.75	2 x 15	3.05	27.6	**1043.115**	
4.00	2 x 16	3.30	28.6	**1043.116**	



Suitable accessories


Cross-piece castors


TOPIC Box

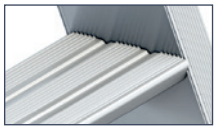

Insert hook

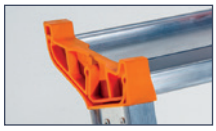
Other accessories can be found on page 28.

Double step ladder with access on one side *TOPIC* 1064

A safer stance at all times from the platform, extended stiles and knee bar shaped as a storage tray. The amply dimensioned platform folds up for transport. Tear-proof polyester straps to prevent over-spreading. The *TOPIC* 1064 is also available with chain as protection against over-spreading.

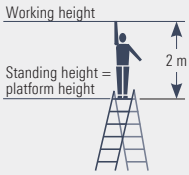
Step spacing: **250 mm**
Step length: **80 mm**
Platform dimensions: **248 x 300 mm**
Stile height: **76 mm**





Double step ladder with access on one side *TOPIC* 1064

Length [m]	Number of steps	Standing height [m]	Outer width at bottom [m]	Weight approx. [kg]	Ref. No.	
1.45	3	0.70	0.46	6.2	**1064.003**	
1.70	4	0.95	0.48	7.0	**1064.004**	
1.95	5	1.20	0.51	8.0	**1064.005**	
2.20	6	1.40	0.53	9.2	**1064.006**	
2.45	7	1.65	0.57	10.4	**1064.007**	
2.70	8	1.90	0.60	11.6	**1064.008**	
2.95	9	2.10	0.64	13.2	**1064.009**	
3.20	10	2.35	0.66	14.0	**1064.010**	
3.70	12	2.80	0.72	16.4	**1064.012**	



Suitable accessories


Insert hook


Spike

Other accessories can be found on page 28.

Platform ladder *TOPIC* 1074

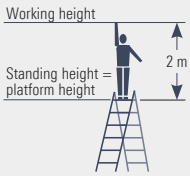
The *TOPIC* 1074 platform ladder for access from one side is a comfortable aid to doing lengthy work on the ladder. The large 480 x 420 mm platform using a non-slip grooved metal plate ensures a sure footing par ticularly for lengthy work on the ladder. Hand rails fitted to the stile on both sides permit a safer grip when climbing up and down the ladder.

Step spacing: **250 mm**
Step length: **80 mm**
Platform dimensions: **480 x 420 mm**
Stile height: **76 mm**
Cross-piece width: **890 mm**




Platform ladder *TOPIC* 1074

Length [m]	Number of steps	Standing height [m]	Projection [m]	Weight approx. [kg]	Ref. No.
2.09	4	0.90	1.01	12.0	**1074.004**
2.34	5	1.20	1.15	13.2	**1074.005**
2.59	6	1.40	1.30	14.7	**1074.006**
2.84	7	1.60	1.43	15.6	**1074.007**
3.09	8	1.90	1.57	16.3	**1074.008**



Suitable accessories


Cross-piece castors


Ladder wall mounting


Insert hook

Other accessories can be found on page 28.

= available ex works = delivery time on request **PU** = packaging unit = only available in this packaging unit

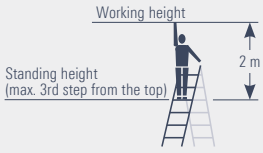
Stair Double Ladder With Steps *TOPIC* 1062

The professional solution not just for stairways. With the stairway double ladder, level equalization on uneven surfaces or stairways is no problem. The sturdy design and well thought-out details ensure optimum handling. The 80 mm wide steps allow comfortable standing. The stile extensions permanently attached to the ladder are quick to lock and easy to use thanks to rotary knobs fitted on the inside of the stile. The stile extensions have an adjustment range of 40 cm on one side and of 102 cm on the other side.

Step spacing: **250 mm**
Step length: **80 mm**
Maximum load: **150 kg**

Stair Double Ladder With Steps *TOPIC* 1062

Length [m]	Number of steps	Standing height [m]	Projection [m]	Outer width at bottom [m]	Weight approx. [kg]	Ref. No.
1.25	2 x 5	0.70	1.13	0.58	14.3	**1062.005**
1.50	2 x 6	0.95	1.27	0.61	15.2	**1062.006**
1.75	2 x 7	1.20	1.41	0.65	17.3	**1062.007**
2.00	2 x 8	1.40	1.55	0.68	19.3	**1062.008**



Suitable accessories


Spike

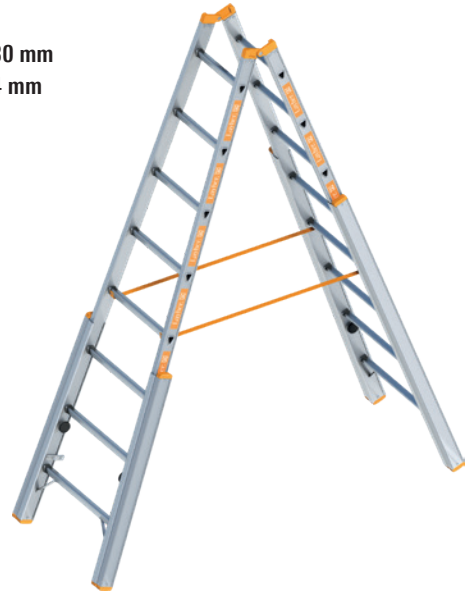

TOPIC Box

Other accessories can be found on page 28.

Stairway double ladder *TOPIC* 1061

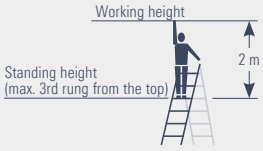
The professional solution not just for stairways. With the stairway double ladder, level equalization on uneven surfaces or stairways is no problem. The sturdy design and well thought-out details ensure optimum handling. The stile extensions permanently attached to the ladder are quick to lock and easy to use thanks to rotary knobs fitted on the inside of the stile. The stile extensions have an adjustment range of 40 cm on one side and of 102 cm on the other side.

Rung spacing: **280 mm**
Stile height: **64 mm**



Stairway double ladder *TOPIC* 1061

Length [m]	Number of rungs	Standing height [m]	Projection [m]	Outer width at bottom [m]	Weight approx. [kg]	Ref. No.
1.55	2 x 5	0.80	1.20	0.51	13.3	**1061.005**
1.85	2 x 6	1.05	1.40	0.54	14.6	**1061.006**
2.10	2 x 7	1.30	1.60	0.57	15.7	**1061.007**
2.40	2 x 8	1.60	1.75	0.60	17.1	**1061.008**



Suitable accessories


Suspended platform


Suspended bag with hook


TOPIC Box


Insert hook

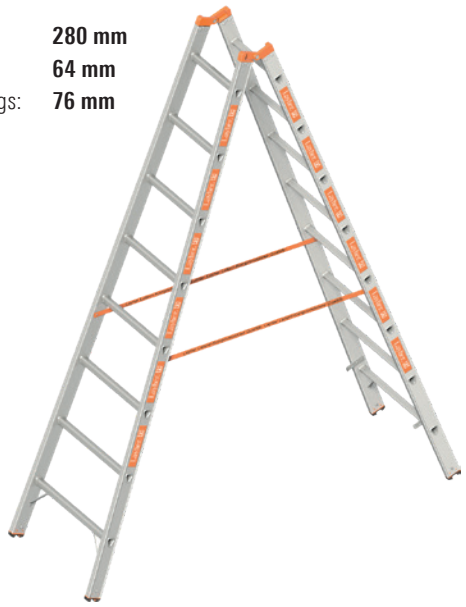

Spike

Other accessories can be found on page 28.

Double rung ladder *TOPIC* 1039

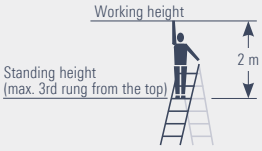
The traditional double ladder with a wide range of safety features: Plastic-sheathed steel hinges, tear-proof polyester straps to prevent over-spreading, slip-resistant plastic shoes. Additional stiffeners at the end of the stile ensure that the values specified in DIN EN 131 are bettered. The *TOPIC* 1039 is also available with chain as protection against over-spreading.

Rung spacing: **280 mm**
Stile height to 14 rungs: **64 mm**
Stile height from 16 rungs: **76 mm**



Double rung ladder *TOPIC* 1039

Length [m]	Number of rungs	Standing height [m]	Outer width at bottom [m]	Stile height [mm]	Weight approx. [kg]	Ref. No.	
1.30	2 x 4	0.55	0.48	64	6.0	**1039.004**	
1.55	2 x 5	0.80	0.51	64	6.8	**1039.005**	
1.85	2 x 6	1.05	0.54	64	8.0	**1039.006**	
2.10	2 x 7	1.30	0.57	64	9.2	**1039.007**	
2.40	2 x 8	1.60	0.60	64	10.4	**1039.008**	
2.70	2 x 9	1.85	0.62	64	12.0	**1039.009**	
2.95	2 x 10	2.10	0.66	64	13.2	**1039.010**	
3.50	2 x 12	2.65	0.72	64	16.0	**1039.012**	
4.10	2 x 14	3.15	0.78	64	18.8	**1039.014**	
4.65	2 x 16	3.70	0.84	76	24.9	**1039.016**	◷
5.20	2 x 18	4.20	0.90	76	30.1	**1039.018**	◷



Suitable accessories


Suspended platform


Suspended bag with hook


Insert hook


Spike

Other accessories can be found on page 28.

Folding ladder *TOPIC* 1056

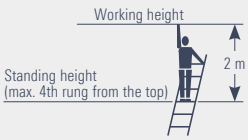
The Layher folding Ladder *TOPIC* 1056 is the perfect choice if you're using a double ladder that can be turned quickly and easily into a simple ladder. Strong and securely engaging steel joints ensure the required working position. For optimum stability, the Layher folding Ladder is fitted on one side with an 890 mm wide cross-piece. All-round grooved triangular rungs, quadruple-folded with the stile, ensure comfortable and sure foot ing at all times.

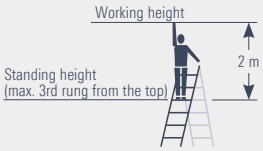
Outer width: **393 mm**
Rung spacing: **280 mm**
Stile height: **64 mm**
Cross-piece width: **890 mm**

Assembly variants

Folding ladder *TOPIC* 1056

Length contr. [m]	Length extend. [m]	Number of rungs	Standing height double ladder [m]	Standing height single ladders [m]	Weight approx. [kg]	Ref. No.	
2.45	1.34	4	0.55	1.30	7.8	**1056.008**	
3.60	1.94	6	1.10	2.35	9.5	**1056.012**	
4.70	2.49	8	1.60	3.40	11.6	**1056.016**	





Suitable accessories


Suspended platform


Insert hook

Other accessories can be found on page 28.

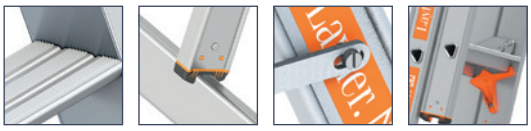
= available ex works ◷ = delivery time on request **PU** = packaging unit ▦ = only available in this packaging unit

NEW

All-purpose ladder 3-part with steps *TOPIC* 1041

Options to use as an extension ladder, single ladder, double ladder or extendable double ladder – all possible thanks to special joints. Safer free standing of ladder thanks to cross-piece. Aluminium stiffener with pushbutton locking. Also the as-sembly is done within only a few second. Manual length adjustment rung by rung using engaging hook. Secured against lifting out and sliding out of position.

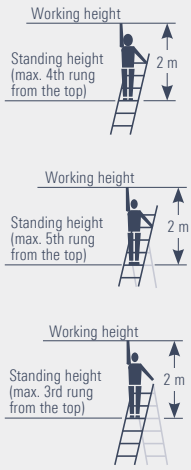
Clear width top section:	**300 mm**
Clear width middle section:	**377 mm**
Clear width bottom section:	**454 mm**
Step spacing:	**280 mm**
Cross-piece width to 8 rungs:	**890 mm**
Cross-piece width at 10 rungs:	**1130 mm**
Cross-piece width from 12 rungs:	**1370 mm**



Assembly variants

All-purpose ladder 3-part with steps *TOPIC* 1041

Min. length [m]	Max. length [m]	Number of rungs / steps	Standing height double ladder [m]	Standing height single ladders [m]	Standing height of top section extended [m]	Stile height [mm]	Weight approx. [kg]	Ref. No.
1.94	3.65	3 x 6	1.05	2.85	1.60	76	17.2	**1041.006**
2.50	5.05	3 x 8	1.55	3.90	2.10	76	21.2	**1041.008**
3.09	6.45	3 x 10	2.05	5.20	3.15	76	25.4	**1041.010**
3.64	8.10	3 x 12	2.55	6.80	4.20	100	33.1	**1041.012**
4.25	9.75	3 x 14	3.05	8.35	5.25	100	37.7	**1041.014**



Suitable accessories

Insert hook | Gutter holder | Top rollers | Suspension hook | Cross-piece castors

Other accessories can be found on page 28.

Retrofitting of the all-purpose ladder 3-part *TOPIC* 1040 with a top section made of steps

Ref. No. Existing rung ladder	Ladder length [m]	Weight approx. [kg]	Ref. No. Top section
1040.006	1.89	5.3	**1041.106**
1040.008	2.45	6.7	**1041.108**
1040.010	2.99	8.1	**1041.110**
1040.012	3.57	11.1	**1041.112**
1040.014	4.13	12.6	**1041.114**

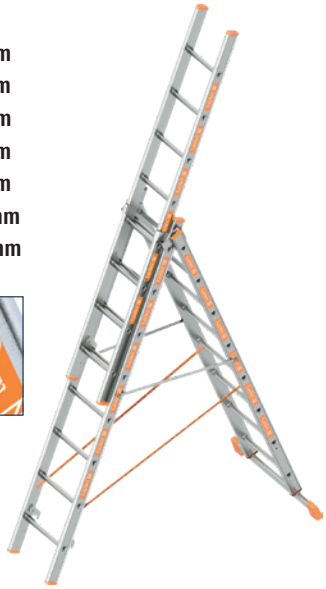
THE BENEFITS FOR YOU:

- Top section with welded steps, with slip-resistant properties of the step profile (corresponding to assessment group R12)
- 80 mm deep steps in accordance with TRBS 2121-2 rules
- Economical solution for ladders already in use thanks to the option of retrofitting just the top section
- Clear width of 300 mm for an comfortable stance
- Step and rung spacing of 280 mm for consistently more comfortable and safer ascent and descent
- Cross-piece for all five sizes

All-purpose ladder 3-part *TOPIC* 1040

Options to use as an extension ladder, single ladder, double ladder or extendable double ladder – all possible thanks to special joints. Safer free standing of ladder thanks to cross-piece. Aluminium stiffener with pushbutton locking. Also the assembly is done within only a few second. Manual length adjustment rung by rung using engaging hook. Secured against lifting out and sliding out of position. The *TOPIC* 1040 can be optionally equipped with top rollers.

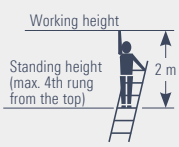
Clear width top section: **300 mm**
Clear width middle section: **377 mm**
Clear width bottom section: **454 mm**
Rung spacing: **280 mm**
Cross-piece width to 8 rungs: **890 mm**
Cross-piece width at 10 rungs: **1130 mm**
Cross-piece width from 12 rungs: **1370 mm**

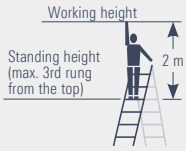


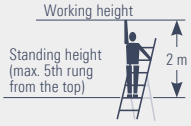
Assembly variants

All-purpose ladder 3-part *TOPIC* 1040

Min. length [m]	Max. length [m]	Number of rungs	Standing height double ladder [m]	Standing height single ladder [m]	Standing height of top section extended [m]	Stile height [mm]	Weight approx. [kg]	Ref. No.
1.94	3.65	3 x 6	1.05	2.85	1.60	76	15.6	**1040.006**
2.50	5.05	3 x 8	1.55	3.90	2.10	76	19.5	**1040.008**
3.09	6.45	3 x 10	2.05	5.20	3.15	76	23.2	**1040.010**
3.64	8.10	3 x 12	2.55	6.80	4.20	100	31.7	**1040.012**
4.25	9.75	3 x 14	3.05	8.35	5.25	100	35.5	**1040.014**







Step attachement

Suitable accessories


Suspended platform


Gutter holder


Top rollers


Suspension hook


Cross-piece castors

Other accessories can be found on page 28.

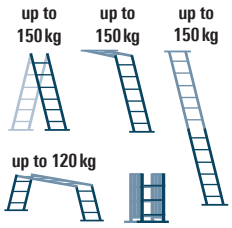
Car boot ladder *TOPIC* 1057

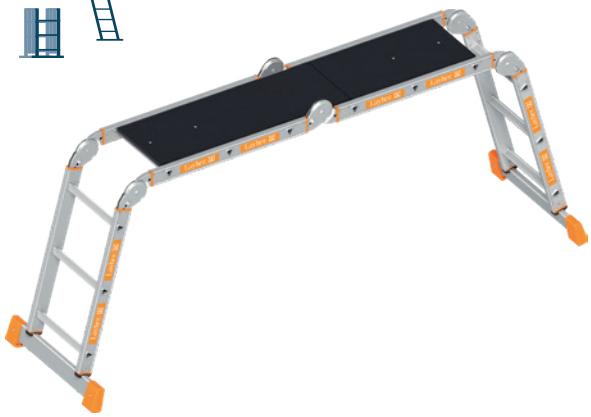
For smallest transport and storage dimensions. Very versatile in use. As double ladders, single ladder, single ladder with wall clearance and as working platform (only with support). Safety joints automatically engage, can be released with light pressure.

1057.043

Outer width: **393 mm**
Rung spacing: **280 mm**
Stile height: **64 mm**
Cross-piece width: **620 mm**
Standing height as working platform: **890 mm**
Transport/packaging dimensions: **0.95 m x 0.4 m x 0.28 m**

Assembly variants



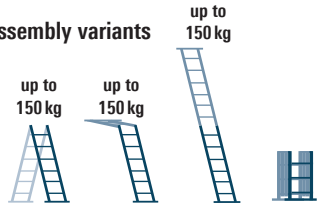


1057.116

Outer width: **393 mm**
Rung spacing: **280 mm**
Stile height: **64 mm**
Cross-piece width: **890 mm**
Transport/packaging dimensions: **1.2 m x 0.4 m x 0.28 m**

Note: The 1057.116 cannot be used as a working platform.

Assembly variants



Car boot ladder *TOPIC* 1057

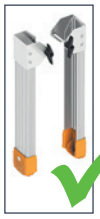
Max. length [m]	Number of rungs	Standing height double ladder [m]	Standing height single ladders [m]	Standing height single ladder with wall clearance [m]	Weight approx. [kg]	Ref. No.	
3.45	4 x 3	1.00	2.30	1.50	18.0	**1057.043**	
4.60	4 x 4	1.55	3.35	2.55	16.5	**1057.116**	ⓘ

= available ex works = delivery time on request **PU** = packaging unit = only available in this packaging unit

Telescopic ladder *TOPIC* 1058

Very versatile in use: as double ladder with variable height adjustment on one side. As a classic single ladder. And as two separate work trestles. Manual length adjustment rung by rung. Sturdy pin joints secure the ladder in the appropriate setting for use. The standing width of the *TOPIC* 1058 with base widening corresponds to the latest version of the DIN EN 131-4.

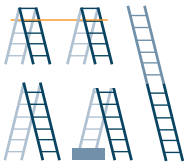
Rung spacing: **280 mm**
Stile height: **64 mm**



Not included in delivery.

Corresponds to the DIN EN 131-4

Assembly variants



Telescopic ladder *TOPIC* 1058

Max. length [m]	Number of rungs	Standing height double ladder [m]	Standing height single ladder [m]	Weight approx. [kg]	Ref. No.
4.15	4 x 4	1.35	3.00	14.0	**1058.016**
5.25	4 x 5	1.90	4.10	16.7	**1058.020**
6.40	4 x 6	2.45	5.15	20.5	**1058.024**

Transport/packaging dimensions:
1058.016: 1.3 m x 0.6 m x 0.22 m
1058.020: 1.55 m x 0.67 m x 0.22 m
1058.024: 1.85 m x 0.72 m x 0.22 m

Stile extension

Usable as stile extension and as a cross-piece.
Max. permissible stile extension: 450 mm

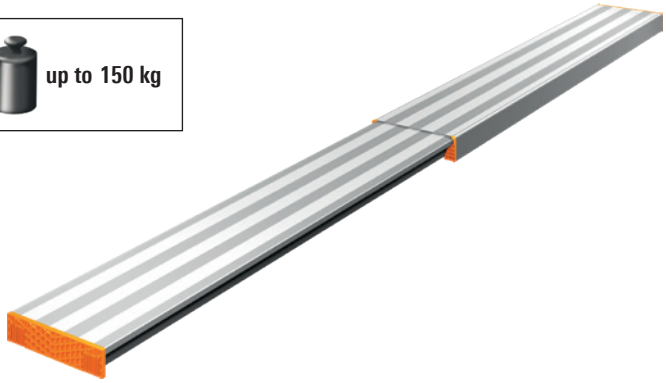
Weight approx. [kg]	Ref. No.
1.6	**1058.001**

Base widening – see page 30

Alu telescopic beam

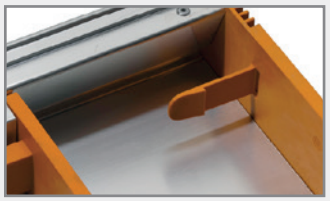
The Alu telescopic beam offers a wide and variable range of possi ble applications. For transport, the telescopic beam can be simply pushed together, resulting in low transport dimensions. Since the Alu telescopic beam is extendable, it can be pulled out or pushed together to provide any required length. The automatic locking mechanism ensures that the inner extending element cannot slide out by mistake. The supporting structure is made of specially developed and torsion-stiff extruded aluminium sections. All section ends are provided with plastic caps. They act as sliding elements and provide protection from injury. Thanks to these plastic sliding elements, the effort required to slide the telescopic beam in and out is very low.

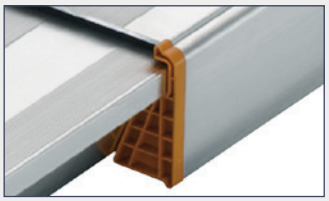
Height: **80 mm**
Width: **305 mm**



Alu telescopic beam

Max. length [m]	Min. length [m]	Weight approx. [kg]	Ref. No.
2.9	1.64	13.0	**1351.290**
3.5	1.92	16.0	**1351.350**
4	2.27	18.0	**1351.400**
4.4	2.49	20.0	**1351.440**





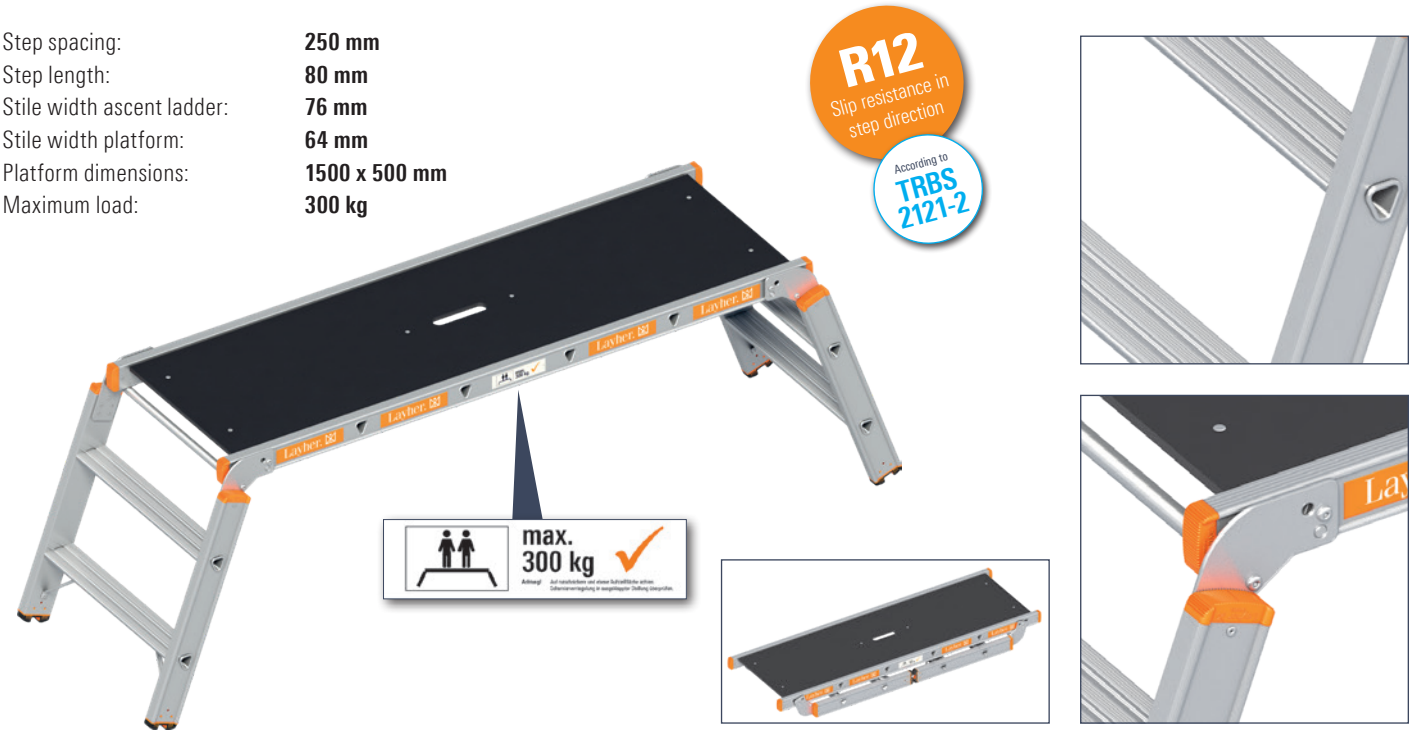
= available ex works


LAYHER – EINFACH SICHER. DIE STEIGTECHNIK. LAYHER – SIMPLE AND SAFE. ACCESS TECHNOLOGY.

Working platform *TOPIC* 1065

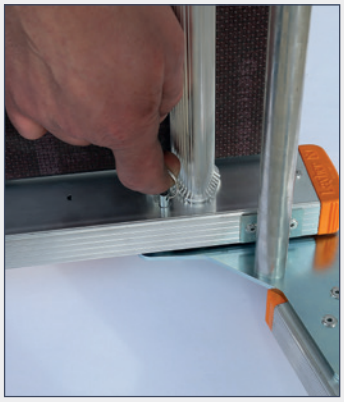
The foldable work platform *TOPIC* 1065 is the convenient tool for both indoor and outdoor work. The high-quality plywood plate has a non-slip surface and a practical recessed grip, making the working platform easy to transport with its low weight.

Step spacing:	**250 mm**
Step length:	**80 mm**
Stile width ascent ladder:	**76 mm**
Stile width platform:	**64 mm**
Platform dimensions:	**1500 x 500 mm**
Maximum load:	**300 kg**



Working plattform *TOPIC* 1065

Length [m]	Number of steps	Standing height [m]	Outer width at bottom [m]	Max. load [kg]	Weight approx. [kg]	Ref. No.
1.59	2 x 2	0.65	0.57	300	15.7	**1065.065**



THE BENEFITS FOR YOU:

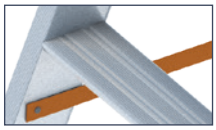
- Lightweight and stable construction made of aluminum stiles in the familiar Layher design
- Quick and easy assembly thanks to hinges with quick-release fasteners that automatically lock into place
- 80 mm wide grooved steps with a slip resistance class R12, for a comfortable and safe ascent and descent
- Safe working on a standing surface of 1500 x 500 mm
- Anti-slip platform covering (R12 rating group)
- The working platform is approved for 2 persons and max. 300 kg
- Non-slip 2-component shoes
- Quickly foldable for transport and storage

Alu heavy-duty step *TOPIC* 1043.3

The classic step design with comfortable and wide steps. Plastic-sheathed steel hinges, angle reinforcements and tear-proof polyester straps are quality features. The platform at the top can be footed.

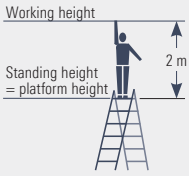
Step spacing: **250 mm**
Step length: **80 mm**
Stile height: **76 mm**
Platform dimensions: **480 x 285 mm**

up to 200 kg



Alu heavy-duty step *TOPIC* 1043.3

Length [m]	Number of steps	Standing height [m]	Outer width at bottom [m]	Weight approx. [kg]	Ref. No.	
NEW 0.65	2 x 2	0.45	0.60	6.1	**1043.302**	
0.90	2 x 3	0.70	0.64	8.4	**1043.303**	
1.15	2 x 4	0.95	0.67	9.6	**1043.304**	

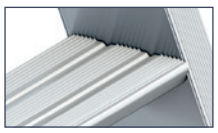


Work trestle *TOPIC* 1047

Aluminium work trestle. Safe access on one side thanks to wide steps. Ideal as a lightweight, simple and small scaffolding for construction work. Folds together for transport. One side with round tubes for suspension of rolling tower deck sections (0.68 m wide) or 2 Alu telescopic stages as working platform.

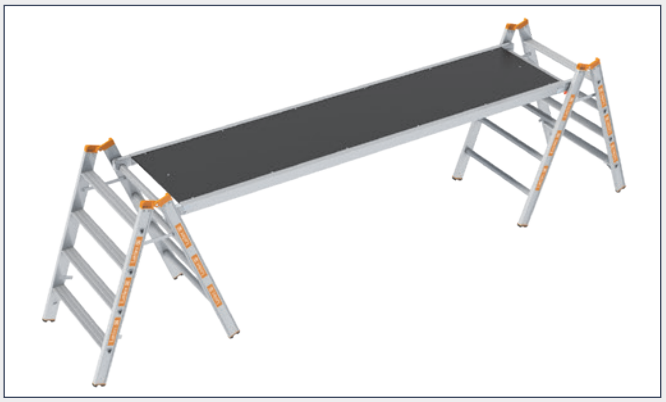
Outer width: **750 mm**
Step spacing: **250 mm**
Step length: **80 mm**
Width when folded out: **950 mm**

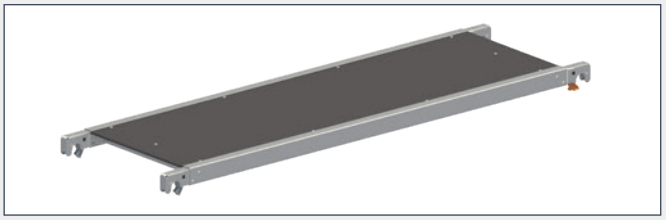
up to 150 kg



Work trestle *TOPIC* 1047

Length [m]	Number of rungs / steps	Standing height [m]	Stile height [mm]	Max. load [kg]	Weight approx. [kg]	Ref. No.	
1.15	4	0.98	76	150	9.6	**1047.704**	



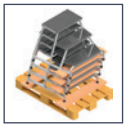


More information about the bridging deck, see page 120 and 121.

= available ex works = delivery time on request **PU** = packaging unit = only available in this packaging unit

Machine step 1075

The machine step made of aluminium is a safer and more convenient aid to assembly and maintenance work on machinery, and for access to high shelves in warehouse logistics. The sturdy welded tube design with a large platform to stand on (540 x 310 mm) ensures a safer footing in particular during work over lengthy periods. Wide steps (580 x 225 mm) en sure safer ascents and descents. The platform and the steps are made from a grooved aluminium plate to makethem non-slip. The machine step 1075 conforms to European Standard DIN EN 14183-C.



Machine step 1075

Working heigth [m]	Number of steps	Standing height [m]	Projection [m]	Weight approx. [kg]	Ref. No.
2.40	2	0.40	0.53	6.8	**1075.002**
2.60	3	0.60	0.73	10.0	**1075.003**
2.80	4	0.80	0.94	13.5	**1075.004**
2.99	5	0.99	1.14	17.2	**1075.005**

Castors for machine step

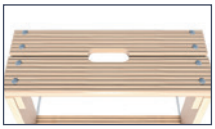
Thanks to the optional castors, the machine step 1075 can be moved horizontally from place to place both quickly and ergonomically. The castors can be fitted in a quick operation by the user to all length versions.

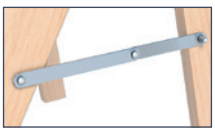
Weight approx. [kg]	PU	Ref. No.
0.5	2	**1016.751**

Folding wooden steps 1055

Steps with access on one side for fitting and servicing work. Ideal for plasterers,drywall installers and painters. Amply sized standing surface and wide steps for safer and comfortable working. For ease of transport, a practical grip hole has been cut out from the standing surface. Protection against over-spreading made of galvanised steel. Stiles made of narrow-ringed yellow pine. Grooved steps made of sturdy beechwood.

Outer width: **569 mm**
Step spacing: **250 mm**
Step length: **115 mm**
Platform dimensions: **215 x 565 mm**





Folding wooden steps 1055

Length [m]	Number of steps	Standing height [m]	Projection [m]	Weight approx. [kg]	Ref. No.
NEW 0.75	3	0.65	0.70	6.8	**1055.003**
1.00	4	0.85	0.85	8.5	**1055.004**
0.62	2	0.44	0.52	5.1	**1055.002**

Wallpaperer's trestle 1045

The sturdy structure for the professional user. Sturdy, galvanised steel hinges. Stiles made of pine wood and rungs made of solid beechwood. The wallpaperer's trestle may not be used as a ladder and stepping on the rungs is not allowed.

Support strip: **650 mm**

Wallpaperer's trestle 1045

Length [m]	Projection [m]	Support height [m]	Weight approx. [kg]	Ref. No.	
0.85	0.75	0.80	4.4	**1045.202**	
1.00	0.80	0.95	5.2	**1045.203**	

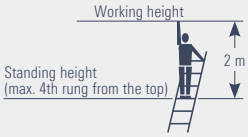
Truck ladder 1060

Ultra-light simple ladder made of aluminium. Ideal for accessing the truck loading surface. Optimum stability and functionality from soft rubber shoes around the stile ends. This means that the ladder is suitable not only for access to the loading surface, but also for leaning up against the cab to clean its windscreen without damaging the vehicle paintwork.

Clear width: **300 mm**
Outer width: **350 mm**
Rung spacing: **280 mm**

Truck ladder 1060

Length [m]	Number of rungs	Standing height [m]	Stile height [mm]	Max. load [kg]	Weight approx. [kg]	Ref. No.	
2.10	7	1.05	50	150	3.3	**1060.007**	



Suitable accessories

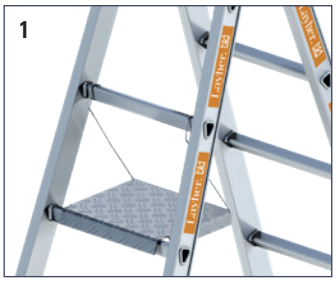
Ladder shoe for wooden ladder

A matching holder is available for optimum attachment of truck ladder 1060 to the vehicle.
Ref. No. 1060.001

Other accessories can be found on page 28.

= available ex works = delivery time on request **PU** = packaging unit = only available in this packaging unit

Accessories

1


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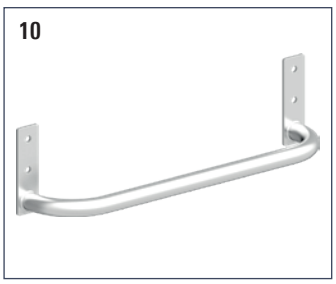

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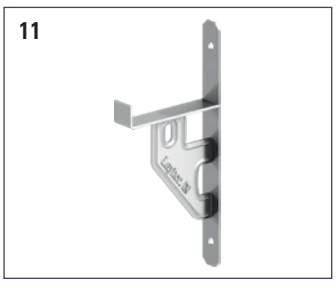

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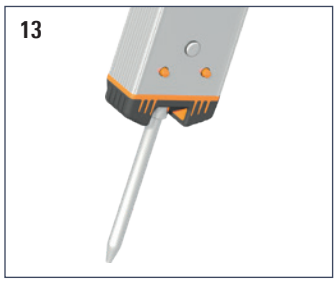

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16


Pos.	Description	Dimensions [m]	Weight approx. [kg]	Ref. No.	PU	1020	1028	1029	1032	1035	1037	1038	1039	1040	1041	1042	1043	1043.1	1043.3	1045	1052	1054	1056	1057	1058	1061	1062	1064	1074
1	**Suspended platform** for use on all TOPIC rung or double step ladders; easy fitting over the rungs or steps		0.8	**1016.003**			▸	▸		▸	▸	▸	▸	▸							▸	▸	▸	▸	▸	▸			
2	**Gutter holder** secure attachment for all TOPIC ladders		0.5	**1016.006**						▸	▸				▸	▸						▸							
3	**Suspended bag with hook** as tool box for all TOPIC rung double ladders		0.5	**1016.014**			▸						▸													▸			
4	**TOPIC Box** for use on all TOPIC rung or double step ladders; easy fitting over the rungs or steps		0.8	**1016.021**			▸						▸				▸	▸								▸	▸		
5	**Wood stile extension set EasyFix** fixation material with wing bolts included	1.25	1.9	**1016.022**								▸									▸								
		1.65	2.2	**1016.023**								▸									▸								
6	**Top rollers** with rubber tyres to protect the wall surface when extending / retracting ladder		1.5	**1016.027**	2				▸	▸	▸			▸	▸														
7	**Suspension hook** 1 pcs., DIY-assembly, usable on tubes up to d=50 mm		0.1	**1016.050**					▸	▸	▸			▸	▸	▸						▸							
8	**Ladder shoe for wooden ladder** pair, DIY-assembly — fits onto 1052, 1038 up to 10 rungs and wallpaperer's trestles		0.2	**1016.052**	2							▸								▸	▸								
	fits onto 1020 and 1038 from 12 rungs		0.3	**1016.053**	2	▸						▸																	
9	**Cross-piece castors** for easy movement of large ladders; easy fitting by large dimensioned wing bolts		0.7	**1016.072**	2				▸	▸	▸			▸	▸			▸											▸
10	**Wall bracket** for easy supspension of ladders with suspension hooks		2.5	**1016.090**					▸	▸	▸			▸	▸	▸						▸							
11	**Ladder wall mounting** for an ideal storage of ladders on the wall		1.8	**1016.092**				▸		▸	▸					▸					▸	▸							▸
12	**Insert hook** self-securing, usable on all Layher TOPIC ladders		0.1	**1016.100**			▸		▸	▸	▸		▸	▸	▸	▸	▸	▸	▸			▸	▸			▸		▸	▸
13	**Spike** for better stability on grass or soil		0.1	**1016.101**	2				▸	▸	▸		▸			▸	▸		▸			▸				▸	▸	▸	
14	**Step attachement** for upgrading rung ladders in accordance with TRBS 2121-2, fits onto 1035, 1037 and 1040	76 mm	3.0	**1016.763**						▸				▸															
		100 mm	3.3	**1016.103**						▸	▸			▸															
15	**TOPIC Stile Extension** for stile extension on stairways or podia	64 mm	1.5	**1016.108**						▸			▸			▸						▸							
		76 mm	1.7	**1016.109**						▸			▸									▸							
		84 mm	1.9	**1016.110**																									
		100 mm	2.1	**1016.111**						▸												▸							
16	**Castors for machine step** pair of rollers for machine step		0.5	**1016.751**																									

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1

The Layher Combigrip ladder foot is made of a 2-component plastic: a hard inner section (orange) for secure mounting inside the stile, and a soft outer covering (black), non-slip on every floor surface. That ensures:

- Play-free mounting in ladder stile
- High slipping resistance, for maximum stability of ladders
- Long service life – no cutting or reshaping of the foot

The Layher Combigrip ladder foot ensures easy retrofitting of a ladder cross-piece. The cross-piece is simply inserted into the cutout provided for it in the foot, and then firmly screwed to the stile ends using hexagonal-head screws.

TIP: With the Layher Combigrip ladder foot, you automatically comply with the requirements of DIN EN 131-1, which will specify a cross-piece for simple ladders of 3 metres and more length.

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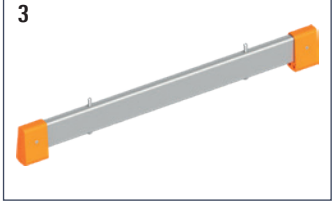

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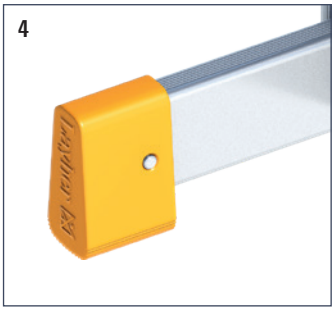

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Image can differ from original.

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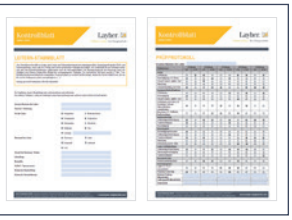


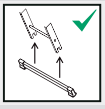
Pictogram description

Labels acc. to new DIN EN 131-3 – label see pos. 7

Pay attention to the user manual.

Check ladder upon delivery. Visually check the ladder for absence of damage and for safe use prior to every use. Do not use damaged ladders.

Remain below the maximum useful load.



Only use the ladders with the included cross-pieces.

Use simple ladders with rungs at the correct angle.

Do not exceed the maximum number of users.

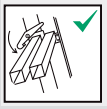
Do not use the ladder for bridging purposes.

Ladders for access to greater heights must be extended at least 1 metre above the contact point and secured as necessary.

Do not climb the ladder with unsuitable shoes.

Do not use the ladder on an uneven, unstable or fouled surface.

Open the ladder completely before use. Locking devices must be fully activated before the ladder is used, if this is not done automatically.



Avoid any work exerting a lateral load on the ladder, for example drilling sideways through solid materials. When using a ladder, do not carry equipment which is heavy and awkward.

Only ascend and descend the ladder when facing towards it. Grip the ladder tightly during ascent, descent and working.

Do not use the top three steps / rungs of a simple ladder to stand on. Do not use the top two steps / rungs of a double ladder to stand on without a platform and a holding device for the hand / knee.

Ladders with this marking are designed for private use only.

Ladders with this marking are designed for both private and professional use.

Pos.	Description		Dimensions [m]	Weight approx. [kg]	Ref. No.	PU
1	**Combigrip ladder foot** of 2-component plastic for secure mounting inside the stile and non-slip on every floor surface		64-mm-stile	0.2	**6492.810**	2
			76-mm-stile	0.2	**6492.811**	2
			84-mm-stile	0.2	**6492.812**	2
			100-mm-stile	0.2	**6492.813**	2
2	***TOPIC* ladder foot** for ladder heads and inner ladders of multi-purpose ladders		64-mm-stile	0.1	**6492.011**	2
			76-mm-stile	0.1	**6492.012**	2
			84-mm-stile	0.2	**6492.013**	2
			100-mm-stile	0.2	**6492.014**	2
3	**Ladder cross-piece** for even more safety, easy fitting with the Combigrip ladder foot	1032.008 – 1032.014 1054.006 – 1054.024 1042.006 – 1042.018 1043.113 – 1043.116	1.13	3.0	**1016.081**	
		1035.006 – 1035.010	0.89	3.0	**1016.082**	
		1035.012 – 1035.018 1037.014 – 1037.024	1.36	3.0	**1016.084**	
		1040.006 – 1040.008	0.89	3.0	**6492.114**	
		1040.010	1.13	3.0	**6492.115**	
		1040.012 – 1040.014	1.36	3.0	**6492.116**	
4	**Foot for cross-piece** for all ladder cross-pieces			0.5	**6492.015**	2
5	**Base widening**	for TOPIC 1058		0.8	**1016.175**	
6	**Universal- and check plaquette** german operating safety regulations require that ladders are inspected			0.2	**6493.002**	10
7	**Pictogram labels as replacement** manual for label replacement is added to the label	for platform ladder 1074		0.01	**6493.007**	10
		for multifunction ladders 1040, 1041, 1056, 1057, 1058		0.01	**6493.008**	10
		for double ladders 1039, 1043, 1061, 1062, 1064, 1043.1		0.01	**6493.010**	10
		for single ladders 1035, 1037, 1042, 1054, 1060, 1032		0.01	**6493.011**	10
		for wooden double ladders 1028, 1038, 1053, 1020		0.01	**6493.012**	10
		for wooden single ladders 1029, 1052		0.01	**6493.013**	10
8	**Ladder control sheet** acc. to UVV "Ladders and steps" DGUV Information 208-016 § 29, ladders and steps must be checked to their proper condition. By the ladder control sheet you have a check list for controlling and protocolling.		**downloads.layher.com**			

= available ex works = delivery time on request **PU** = packaging unit = only available in this packaging unit

Wooden roofer's ladder 1046

Double-screwed to stiles. In conformity with the regulations of German professional builders' associations. The roofer's ladder 1046 permit a variable operating range up to a roof pitch of 75° and hung in roof hooks. The roofer's ladder 1046 ist equipped with tear-proof polyester straps as breaking cut-out.

Outer width: **360 mm**
Rung spacing: **280 mm**

Wooden roofer's ladder 1046

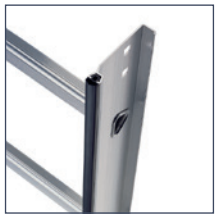
Length [m]	Number of rungs	Weight approx. [kg]	Ref. No.
2.35	8	4.8	**1046.108**
2.85	10	5.5	**1046.110**
3.50	12	6.3	**1046.112**
4.15	14	7.0	**1046.114**
4.50	16	7.8	**1046.116**
5.05	18	9.2	**1046.118**

Roof ladder 1051 as per DIN 4567-4

Layher roof ladders are laid on house roofs for temporary maintenance and inspection work, for example on chimneys or satellite dishes. High-grade roofs are protected from scratching during assembly and use by the unique and EPDM protective section of Layher roof ladders. Layher roof ladders permit a variable operating range up to a roof pitch of 73°.

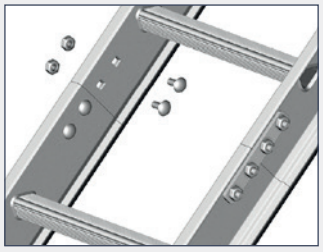
Clear width: **300 mm**
Outer width: **340 mm**
Rung spacing: **280 mm**
Stile height: **95 mm**

The Layher roof ladders are available in 4 colour variants:
- Natural aluminium
- RAL 7016 (Anthracite grey)
- RAL 8004 (Copper brown)
- RAL 8011 (Nut brown)



Roof ladder 1051 as per DIN 4567-4

Length [m]	Number of rungs	Weight approx. [kg]	Colour	Ref. No.
1.96	7	3.8	natural aluminium	**1051.007**
2.80	10	5.5	natural aluminium	**1051.010**
4.20	15	8.3	natural aluminium	**1051.015**
1.96	7	3.8	RAL 8004	**1051.107**
2.80	10	5.5	RAL 8004	**1051.110**
4.20	15	8.3	RAL 8004	**1051.115**
1.96	7	3.8	RAL 8011	**1051.207**
2.80	10	5.5	RAL 8011	**1051.210**
4.20	15	8.3	RAL 8011	**1051.215**
1.96	7	3.8	RAL 7016	**1051.307**
2.80	10	5.5	RAL 7016	**1051.310**
4.20	15	8.3	RAL 7016	**1051.315**



Connect the roof ladders using the connect-ing straps, Ref. No. 1049.x03. The bolts, washers and locking nuts are included. Up to three ladders can be joined without an additional roof hook and fastening bracket being needed.

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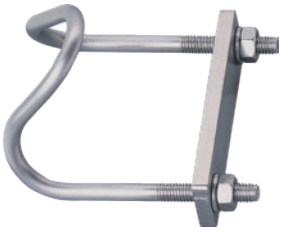
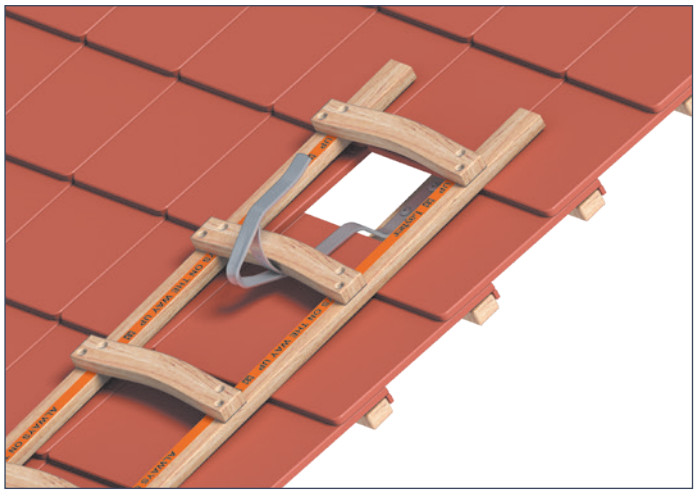
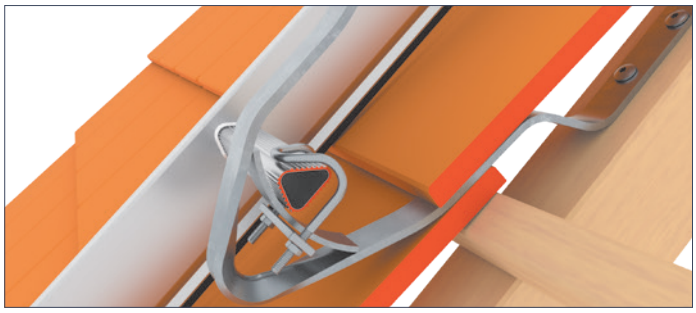




Exemplary application of the safety hook model Z (Pos. 1)



Pos.	Description		Dimensions [m]	Weight approx. [kg]	Ref. No.		PU	
1	**Safety hook model Z** according to DIN EN 517 Type B, for use on tiled and plain tile roofs, incl. bolts	steel galvanized	0.46 x 0.23 x 0.03	0.9	**1049.011**			
		Copper brown RAL 8004		0.9	**1049.111**			
		Nut brown RAL 8011		0.9	**1049.211**			
		Anthracite grey RAL 7016		0.9	**1049.311**			
2	**Safety hook model B** gem. DIN EN 517-Typ B, for use on slate roofs, incl. bolts	steel galvanized	0.33 x 0.18 x 0.03	0.8	**1049.012**			
		Copper brown RAL 8004		0.8	**1049.112**			
		Nut brown RAL 8011		0.8	**1049.212**			
		Anthracite grey RAL 7016		0.8	**1049.312**			
3	**Connecting strap** including bolts, washers and nuts of stainless steel	Natural aluminium	0.20 x 0.02 x 0.005	0.5	**1049.003**		2	
		Copper brown RAL 8004		0.5	**1049.103**		2	
		Nut brown RAL 8011		0.5	**1049.203**		2	
		Anthracite grey RAL 7016		0.5	**1049.303**		2	
4	**Fastening bracket** mounting bracket for roof ladder			0.1	**1049.000**			

Instructions for assembly and use can be found at downloads.layher.com

The roof ladder 1051 plus the above accessory parts (apart from the fastening bracket) are available in 4 colour variants:

Natural aluminium or galvanized

RAL 8004 Copper brown

RAL 8011 Nut brown

RAL 7016 Anthracite grey

= available ex works = delivery time on request **PU** = packaging unit = only available in this packaging unit

LAYHER ACCESSES

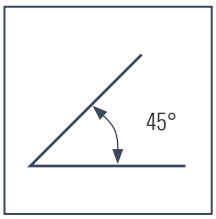
THE QUALITY IS IN THE DETAILS

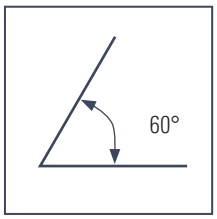
Stair guardrail

Platform guardrail

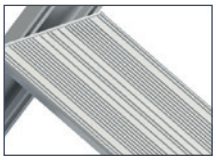
End guardrail

Different inclinations



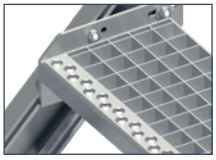


Different step types (see accessories)



Standard steps of aluminium with grooved surface
Slip resistance:
R12 in step direction

Alternative steps made of steel grating*
Slip resistance: R11



Alternative steps made of aluminium grating*
Slip resistance: R11

Alternative steps made of steel perforated plate*
Slip resistance: R11

Alternative steps made of aluminium perforated plate*
Slip resistance: R11

R12
Slip resistance in step direction

Different step widths

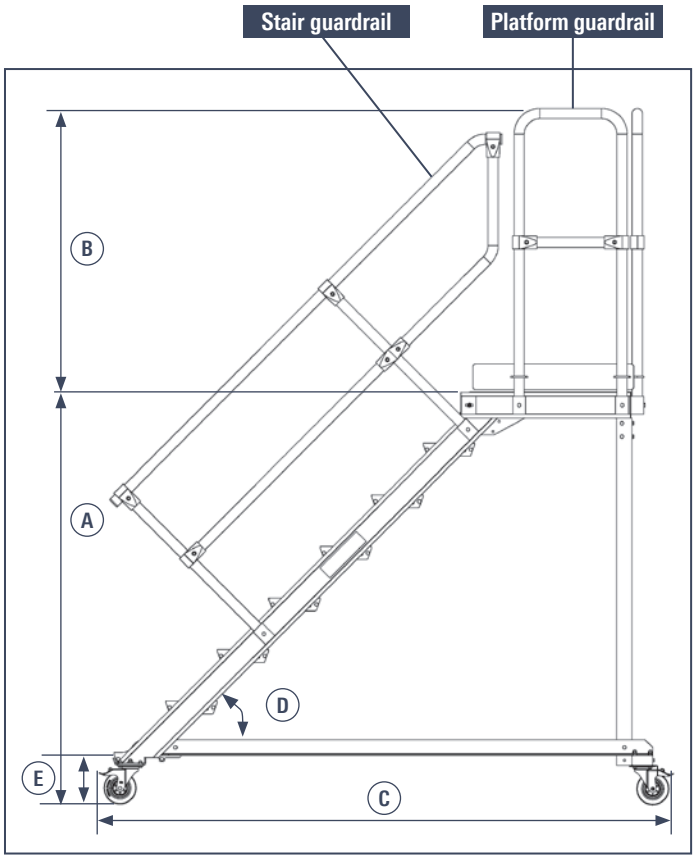
- 0.60 m and 0.80 m as standard
- 1.00 m on request

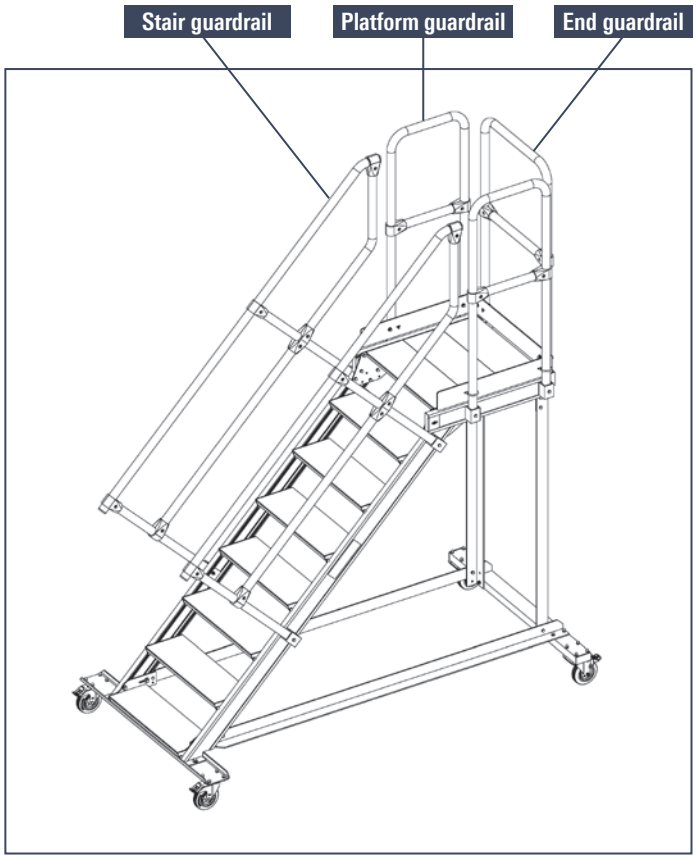
Standard accesses with inclination of 45° and 60° and step widths of 0.60 m and 0.80 m as listed in the catalogue are quickly available **(15 workdays after receipt of order)**. Further sizes, designs and inclinations are possible on request.

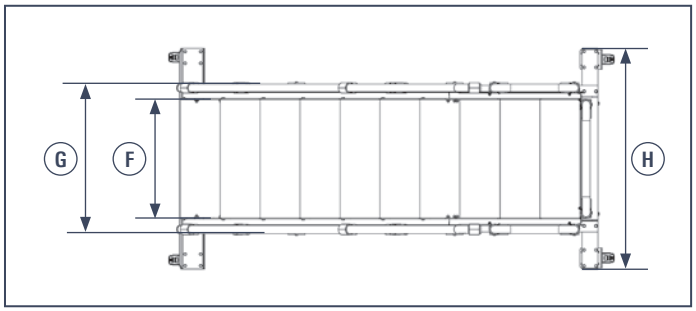
Easy fixing of movement direction

Wheels with lock to immobilise the wheel and fork head can be fixed using a direction lock in the access direction or sideways direction.

* Delivery time on request







TECHNICAL DATA:

- Step load 150 kg
- Total load 300 kg

(A) Platform height

(B) Guardrail height

(C) Base-to-base distance

(D) Inclination

(E) Riser for 45° = 200 mm / for 60° = 240 mm

(F) Step width

(G) Width

(H) Wheel set width

THE BENEFITS FOR YOU:

- 200 mm deep steps with grooved aluminium surface with slip resistance R12 in the step direction (in standard version)
- Handrails and guardrails of 40 mm round tube with cast aluminium connectors, orange, powder-coated
- High flexibility for expansions, additions and adaptations thanks to the "new" modular principle
- Separate ordering possible for handrails, platform guardrails, end guardrails and accessories
- Quick and easy assembly and dismantling of stair guardrails and other guard rails or of additional stair guardrail or other guardrail as preassembled units at no extra charge
- To aid decision-making, quick technical support in the form of sketches or drawings can be supplied

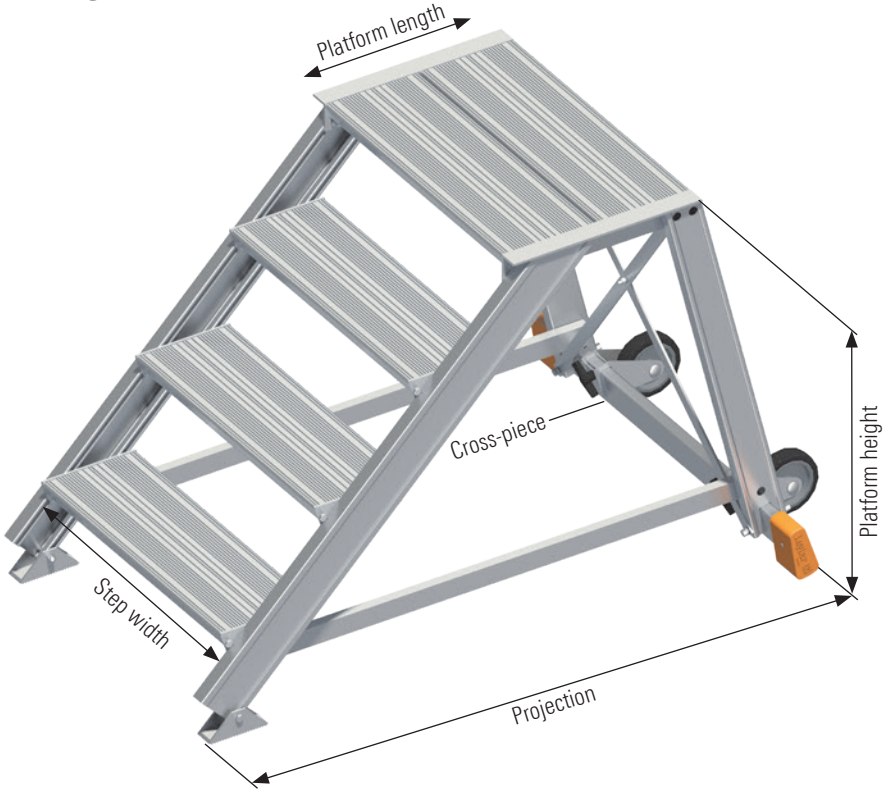
Stair type		Alu start-stairway 110	Alu stairway 111	Alu stairway with platform 112	Alu maintenance platform 113	Alu bridging stairway 114
Description		Ideal for machinery access with a comfortable stance.	Fixed access to higher levels.	Fixed access to higher levels with large platform, e.g. for door openings.	Mobile access to higher-level shelves or for maintenance work at greater heights.	Machinery crossover with ample width.
Step width		0.60 m or 0.80 m	0.60 m or 0.80 m	0.60 m or 0.80 m	0.60 m or 0.80 m	0.60 m or 0.80 m
Width	**0.60 m**	0.68 m. 0.87 m*	0.73 m**	0.73 m**	see table 113	0.79 m**
	0.80 m	0.88 m. 1.07 m*	0.93 m**	0.93 m**		0.99 m**
Step length		200 mm	200 mm	200 mm	200 mm	200 mm
Inclination		45°	45° or 60°	45° or 60°	45° or 60°	45° or 60°
Platform length		0.40 m	0.20 m	0.60 m	0.60 m	0.80 m
Riser	**45°**	200 mm	200 mm	200 mm	200 mm	200 mm
	60°		240 mm	240 mm	240 mm	240 mm
Max. step load		150 kg	150 kg	150 kg	150 kg	150 kg
Max. total load		300 kg	300 kg	300 kg	300 kg	300 kg

All dimensions are guideline values. Subject to technical modification. Delivery exclusively in accordance with our currently valid General Terms of Sale. Delivery incl. assembly drawing. Cannot be returned.

* **Dimensions including cross-piece**
** **Width with stair guardrail on one side**

Aluminium access steps 110 fixed or rolling

For loading of containers, servicing machinery etc. Special stile made of strong aluminium section. Step profile grooved for sure footing.



Platform height:
Max. 1 m
(dimension from floor to top edge of platform)

Platform length:
402 mm

Width:
Step width + 8 mm

Cross-piece for sure footing:
With step width 600 mm = 870 mm
With step width 800 mm = 1070 mm

Cross-piece castors (optional):
For moving the access steps like a wheelbarrow

Inclination [°]	Step width [mm]	Platform height [m]	PU	0.40	0.60	0.80	1.00
45		Number of steps		2	3	4	5
		Projection [m]		0.75	1.00	1.25	1.50
	600	Weight [kg]		10.3	13.4	16.6	19.9
		Ref. No.		1106.702	1106.703	1106.704	1106.705
	800	Weight [kg]		11.9	15.4	18.9	22.6
		Ref. No.		1108.702	1108.703	1108.704	1108.705
Cross-piece castors (extra charge)		Weight [kg]		0.7	0.7	0.7	0.7
		Ref. No.	2 ▦	1016.072	1016.072	1016.072	1016.072

Delivery exclusively in accordance with our currently valid General Terms of Sale. Delivery incl. assembly drawing. Cannot be returned.
Component weights are subject to fluctuations due to tolerances and may therefore diverge from what is specified.

Alu stairway 111

A safe and permanently fitted access. Wherever material, equipment and machinery have to be stored or operated at a height. Rapid working is assured by convenient and effortless movement even with loads.

Platform height:
Max. 3.84 m
(dimension from floor to top edge of top step)

Width:
Step width + 0.13 m with stair guardrail on one side
Step width + 0.17 m with stair guardrail on both sides

Stair guardrail / guardrail:
The standard scope of delivery includes a stair guardrail (which can be optionally fitted either left or right). DIN EN ISO 14122-3 must be complied with. Accordingly, for a stairway with a 45° inclination a stair guardrail is specified for **at least** one side. For a 45° angle and a wall clearance > 200 mm, or for 60°, a handrail must be provided on both sides.

Projection:
Dimension from front edge of stair to wall

Hole for fastening strap:
9 mm

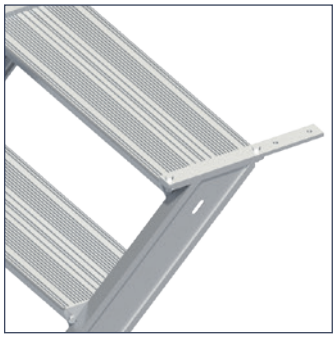
The safe transfer of the loads into the structure or the building ground must be approved by the customer.

- **High flexibility thanks to modular principle**
- **Quick and easy assembly thanks to delivery of preassembled units**
- **Function for fitting and extending the guardrail included in the price**
- **R12 grooved aluminium steps**

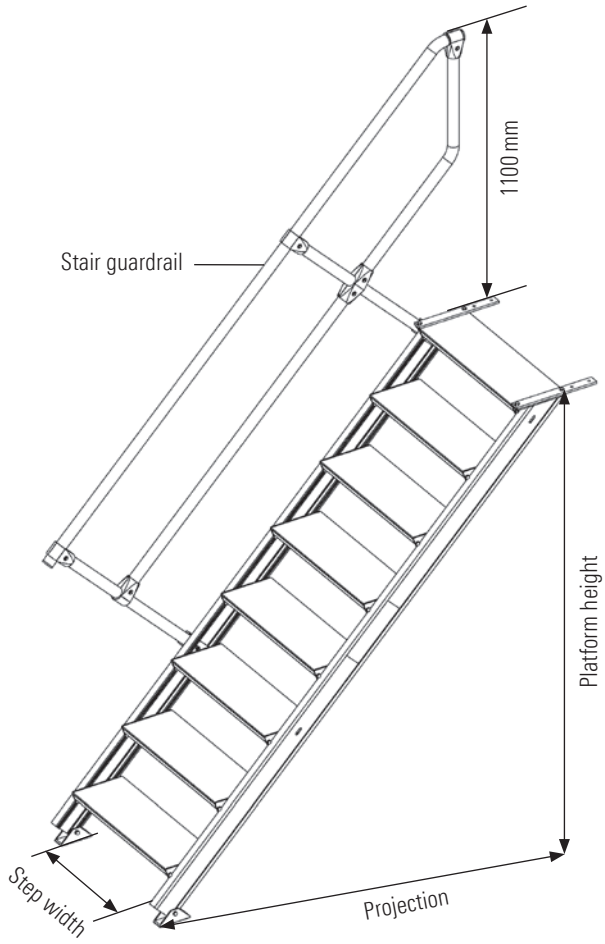
Picture shows the standard scope of delivery

Inclination [°]	Step width [mm]	Platform height [m]	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00	2.20
45		Number of steps	3	4	5	6	7	8	9	10	11
		Projection [m]	0.67	0.87	1.07	1.27	1.47	1.67	1.87	2.07	2.27
	600	Weight [kg]	14.5	17.0	19.7	22.6	25.5	28.7	33.3	34.6	39.3
		Ref. No.	1116.403	1116.404	1116.405	1116.406	1116.407	1116.408	1116.409	1116.410	1116.411
	800	Weight [kg]	15.7	18.7	21.8	25.1	28.4	32.0	37.1	40.4	44.0
		Ref. No.	1118.403	1118.404	1118.405	1118.406	1118.407	1118.408	1118.409	1118.410	1118.411
2nd stair guardrail (extra charge)		Weight [kg]	6.0	6.1	6.3	6.7	7.1	7.8	10.0	10.4	11.0
		Ref. No.	1110.403	1110.404	1110.405	1110.406	1110.407	1110.408	1110.409	1110.410	1110.411
Inclination [°]	**Step width [mm]**	**Platform height [m]**	**0.72**	**0.96**	**1.20**	**1.44**	**1.68**	**1.92**	**2.16**	**2.40**	**2.64**
60		Number of steps	3	4	5	6	7	8	9	10	11
		Projection [m]	0.52	0.66	0.80	0.94	1.08	1.22	1.35	1.49	1.63
	600	Weight [kg]	14.3	16.9	19.6	22.2	25.0	28.1	32.4	35.4	38.3
		Ref. No.	1116.603	1116.604	1116.605	1116.606	1116.607	1116.608	1116.609	1116.610	1116.611
	800	Weight [kg]	15.5	18.6	21.7	24.8	28.0	31.4	36.2	39.6	43.0
		Ref. No.	1118.603	1118.604	1118.605	1118.606	1118.607	1118.608	1118.609	1118.610	1118.611
2nd stair guardrail (extra charge)		Weight [kg]	5.8	6.0	6.2	6.4	6.7	7.3	9.2	9.7	10.2
		Ref. No.	1110.603	1110.604	1110.605	1110.606	1110.607	1110.608	1110.609	1110.610	1110.611

Intermediate heights are possible on request when the appropriate platform is specified. Quotation and Technical Data Sheet will follow within 72 hours of receipt of the enquiry. All dimensions are guideline values. Subject to technical modification. Delivery exclusively in accordance with our currently valid General Terms of Sale. Delivery incl. assembly drawing. Cannot be returned. Component weights are subject to fluctuations due to tolerances and may therefore diverge from what is specified.



Detailed view of fastening strap



Inclination [°]	Step width [mm]	Platform height [m]	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80
45		Number of steps	12	13	14	15	16	17	18	19
		Projection [m]	2.47	2.67	2.87	3.07	3.27	3.47	3.67	3.87
	600	Weight [kg]	42.4	47.0	64.8	69.0	74.6	78.8	82.9	87.0
		Ref. No.	1116.412	1116.413	1116.414	1116.415	1116.416	1116.417	1116.418	1116.419
	800	Weight [kg]	47.5	52.5	70.7	75.3	81.4	86.0	90.5	95.0
		Ref. No.	1118.412	1118.413	1118.414	1118.415	1118.416	1118.417	1118.418	1118.419
2nd stair guardrail (extra charge)		Weight [kg]	11.6	13.7	14.2	14.8	16.9	17.5	18.0	18.5
		Ref. No.	1110.412	1110.413	1110.414	1110.415	1110.416	1110.417	1110.418	1110.419

Inclination [°]	Step width [mm]	Platform height [m]	2.88	3.12	3.36	3.60	3.84
60		Number of steps	12	13	14	15	16
		Projection [m]	1.77	1.90	2.05	2.19	2.32
	600	Weight [kg]	41.4	45.8	63.5	67.5	71.5
		Ref. No.	1116.612	1116.613	1116.614	1116.615	1116.616
	800	Weight [kg]	46.5	51.3	69.4	73.8	78.3
		Ref. No.	1118.612	1118.613	1118.614	1118.615	1118.616
2nd stair guardrail (extra charge)		Weight [kg]	10.8	12.7	13.2	13.7	14.2
		Ref. No.	1110.612	1110.613	1110.614	1110.615	1110.616

= available ex works = delivery time on request **PU** = packaging unit = only available in this packaging unit

Alu stairway with platform 112

Can be mounted on buildings as an emergency exit, on machines, as a raised workstation, etc.

Platform height:
Max. 3.84 m (dimension from floor to top edge of platform)

Platform length:
600 mm

Width:
Step width + 0.13 m with stair guardrail on one side
Step width + 0.17 m with stair guardrail on both sides

Stair guardrail / Platform guardrail:
The standard scope of delivery includes a stair guardrail and aplatform guardrail (both of which can be optionally fitted either left or right). DIN EN ISO 14122-3 must be complied with. Accordingly, for a stairway with a 45° inclination a stair guardrail is specified for **at least** one side. For a 45° angle and a wall clearance > 200 mm, or for 60°, a handrail must be provided on both sides.

Projection:
Dimension from front edge of stair to wall

Hole for fastening strap:
9 mm

The safe transfer of the loads into the structure or the building ground must be approved by the customer.

High flexibility thanks to modular principle

Quick and easy assembly thanks to delivery of preassembled units

Function for fitting and extending the guardrail included in the price

R12 grooved aluminium steps

Picture shows the standard scope of delivery

Inclination [°]	Step width [mm]	Platform height [m]	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00	2.20
45	600	Number of steps	3	4	5	6	7	8	9	10	11
		Projection [m]	1.07	1.27	1.47	1.67	1.87	2.07	2.27	2.47	2.67
		Weight [kg]	25.0	27.7	30.4	33.0	36.0	39.1	43.7	46.7	49.9
		Ref. No.	1126.403	1126.404	1126.405	1126.406	1126.407	1126.408	1126.409	1126.410	1126.411
	800	Weight [kg]	27.1	30.2	33.3	36.4	39.8	43.3	48.3	51.7	55.4
		Ref. No.	1128.403	1128.404	1128.405	1128.406	1128.407	1128.408	1128.409	1128.410	1128.411
2nd stair guardrail (extra charge)		Weight [kg]	5.7	5.9	6.1	6.3	6.8	7.4	9.5	10.0	10.8
		Ref. No.	1160.403	1160.404	1160.405	1160.406	1160.407	1160.408	1160.409	1160.410	1160.411
Inclination [°]	**Step width [mm]**	**Platform height [m]**	**0.72**	**0.96**	**1.20**	**1.44**	**1.68**	**1.92**	**2.16**	**2.40**	**2.64**
60	600	Number of steps	3	4	5	6	7	8	9	10	11
		Projection [m]	0.93	1.07	1.21	1.35	1.48	1.62	1.76	1.90	2.04
		Weight [kg]	24.8	27.3	30.1	32.6	35.4	38.5	42.8	45.8	48.7
		Ref. No.	1126.603	1126.604	1126.605	1126.606	1126.607	1126.608	1126.609	1126.610	1126.611
	800	Weight [kg]	26.9	29.9	33.0	36.0	39.2	42.7	47.5	50.9	54.2
		Ref. No.	1128.603	1128.604	1128.605	1128.606	1128.607	1128.608	1128.609	1128.610	1128.611
2nd stair guardrail (extra charge)		Weight [kg]	5.4	5.5	5.8	5.9	6.2	6.8	8.7	9.2	9.7
		Ref. No.	1160.603	1160.604	1160.605	1160.606	1160.607	1160.608	1160.609	1160.610	1160.611

Intermediate heights are possible on request when the appropriate platform is specified. Quotation and Technical Data Sheet will follow within 72 hours of receipt of the enquiry. All dimensions are guideline values. Subject to technical modification. Delivery exclusively in accordance with our currently valid General Terms of Sale. Delivery incl. assembly drawing. Cannot be returned. Component weights are subject to fluctuations due to tolerances and may therefore diverge from what is specified.

Extra charge for platform extension per 200 mm platform expandable to max. 1.20 m

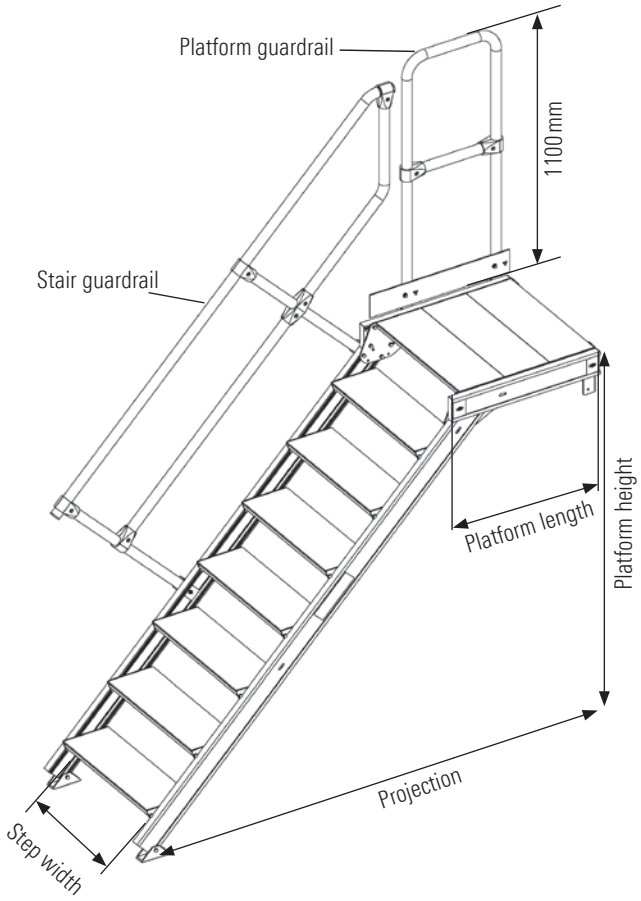
Step width 600 mm
Ref. No. 1152.602
Step width 800 mm
Ref. No. 1152.802

Extra charge for platform guardrail (in combination with the order for an aluminium stair with platform 112)

Ref. No. 1161.000

Extra charge for end guardrail (in combination with the order for an aluminium stair with platform 112)

Step width 600 mm
Ref. No. 1162.000
Step width 800 mm
Ref. No. 1163.000



Inclination [°]	Step width [mm]	Platform height [m]	2.40	2.60	2.80	3.00	3.20	3.40	3.60	3.80
45		Number of steps	12	13	14	15	16	17	18	19
		Projection [m]	2.87	3.07	3.27	3.47	3.67	3.87	4.07	4.27
	600	Weight [kg]	52.7	57.4	74.7	78.8	83.0	88.6	92.8	96.9
		Ref. No.	1126.412	1126.413	1126.414	1126.415	1126.416	1126.417	1126.418	1126.419
	800	Weight [kg]	58.6	63.7	81.5	86.0	90.6	96.7	101.3	105.8
		Ref. No.	1128.412	1128.413	1128.414	1128.415	1128.416	1128.417	1128.418	1128.419
2nd stair guardrail (extra charge)		Weight [kg]	11.1	13.3	13.8	14.3	14.9	17.0	17.6	18.1
		Ref. No.	1160.412	1160.413	1160.414	1160.415	1160.416	1160.417	1160.418	1160.419

Inclination [°]	Step width [mm]	Platform height [m]	2.88	3.12	3.36	3.60	3.84
60		Number of steps	12	13	14	15	16
		Projection [m]	2.17	2.30	2.45	2.59	2.73
	600	Weight [kg]	51.8	56.2	73.4	77.5	81.5
		Ref. No.	1126.612	1126.613	1126.614	1126.615	1126.616
	800	Weight [kg]	57.7	62.5	80.2	84.7	89.1
		Ref. No.	1128.612	1128.613	1128.614	1128.615	1128.616
2nd stair guardrail (extra charge)		Weight [kg]	10.3	12.2	12.7	13.2	13.7
		Ref. No.	1160.612	1160.613	1160.614	1160.615	1160.616

Alu maintenance platform 113

Versatile servicing device for machinery, containers, trucks, buses, shelving systems, etc. that do not permit the attachment of permanent equipment.

Platform height:
Max. 4.00 m (dimension from floor to top edge of platform)

Platform length:
600 mm

Width:
Step width + 0.12 m with stair guardrail on one side
Step width + 0.17 m with stair guardrail on both sides

Stair guardrail / guardrail:
The standard scope of supply includes all-round guardrails, in each case with the following parts: stair guardrail on both sides of the stair, platform guardrail on both sides, and the respective end guardrail. The parts can be fitted or removed to suit the situation on the spot, for example to allow crossover to adjacent structures at the end or at the sides. DIN EN ISO 14122-3 must be complied with here. Accordingly, for a stairway with a 45° inclination a stair guardrail is specified for **at least** one side. For a 45° angle and a wall clearance > 200 mm, or for 60°, a handrail must be provided on both sides.

Cross-piece:
For sure footing (see table of wheel set widths for dimensions)

High flexibility thanks to modular principle

Quick and easy assembly thanks to delivery of preassembled units

Function for fitting and extending the guardrail included in the price

R12 grooved aluminium steps

Picture shows the standard scope of delivery

			Supplied in the fully assembled state			Only guardrails have to be fitted on the spot					
Inclination [°]	**Step width [mm]**	**Platform height [m]**	**0.60**	**0.80**	**1.00**	**1.20**	**1.40**	**1.60**	**1.80**	**2.00**	**2.20**
45		**Number of steps**	3	4	5	6	7	8	9	10	11
		Projection [m]	1.23	1.43	1.63	1.83	2.03	2.23	2.43	2.63	2.83
	600	**Weight [kg]**	54.9	59.1	63.5	67.7	72.9	77.9	85.8	90.8	97.7
		Running gear width [m]	0.94	0.94	1.00	1.00	1.10	1.10	1.10	1.15	1.15
		Ref. No.	1136.403	1136.404	1136.405	1136.406	1136.407	1136.408	1136.409	1136.410	1136.411
	800	**Weight [kg]**	58.7	63.2	68.4	72.9	78.4	83.8	92.2	97.8	105.1
		Running gear width [m]	1.15	1.15	1.25	1.25	1.30	1.30	1.30	1.40	1.40
		Ref. No.	1138.403	1138.404	1138.405	1138.406	1138.407	1138.408	1138.409	1138.410	1138.411
Inclination [°]	**Step width [mm]**	**Platform height [m]**	**0.72**	**0.96**	**1.20**	**1.44**	**1.68**	**1.92**	**2.16**	**2.40**	**2.64**
60		**Number of steps**	3	4	5	6	7	8	9	10	11
		Projection [m]	1.11	1.25	1.38	1.53	1.66	1.80	1.94	2.08	2.22
	600	**Weight [kg]**	54.6	58.5	63.1	67.4	71.7	76.6	84.3	91.5	96.4
		Running gear width [m]	0.94	0.94	1.00	1.10	1.10	1.15	1.25	1.25	1.25
		Ref. No.	1136.603	1136.604	1136.605	1136.606	1136.607	1136.608	1136.609	1136.610	1136.611
	800	**Weight [kg]**	58.4	62.7	67.9	72.4	77.2	82.3	90.8	98.5	103.8
		Running gear width [m]	1.15	1.15	1.25	1.30	1.30	1.30	1.40	1.50	1.50
		Ref. No.	1138.603	1138.604	1138.605	1138.606	1138.607	1138.608	1138.609	1138.610	1138.611

Intermediate heights are possible on request when the appropriate platform is specified. Quotation and Technical Data Sheet will follow within 72 hours of receipt of the enquiry. All dimensions are guideline values. Subject to technical modification. Delivery exclusively in accordance with our currently valid General Terms of Sale. Delivery incl. assembly drawing. Cannot be returned. Component weights are subject to fluctuations due to tolerances and may therefore diverge from what is specified.

Extra charge for platform extension per 200 mm platform expandable to max. 1.20 m

Step width 600 mm
Ref. No. 1152.602
Step width 800 mm
Ref. No. 1152.802

Reduced price for platform guardrail

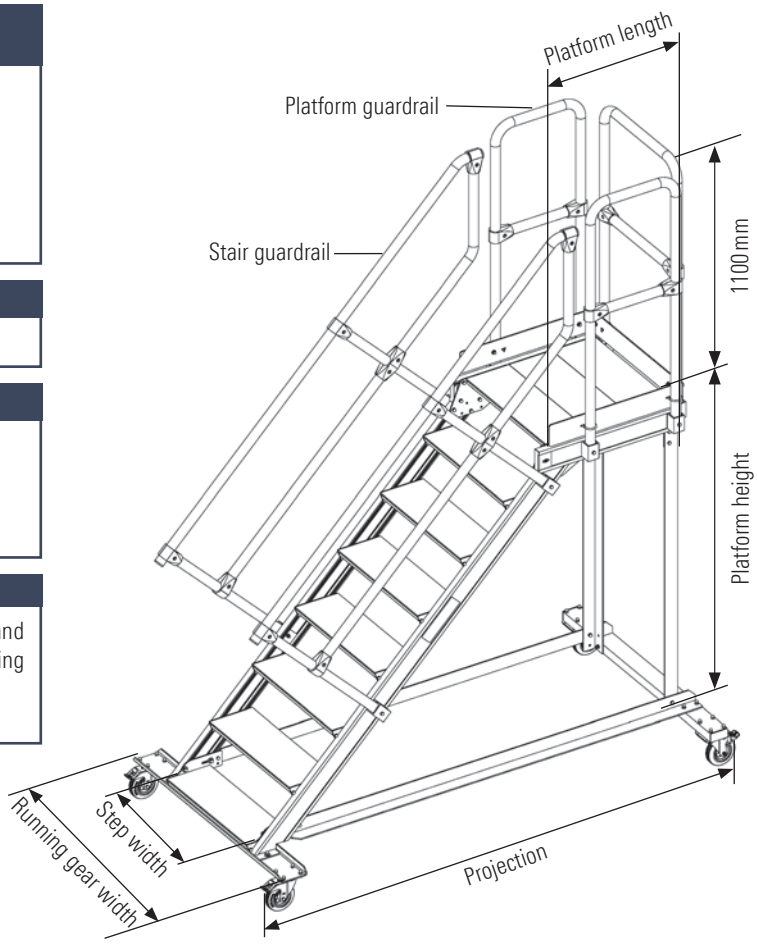
Ref. No. 1161.000

Reduced price for end guardrail

Step width 600 mm
Ref. No. 1162.000
Step width 800 mm
Ref. No. 1163.000

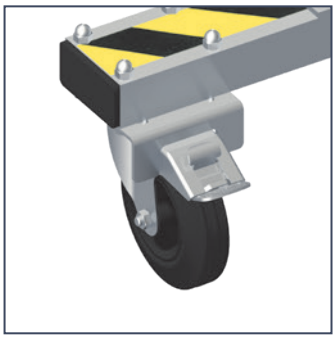
Extra charge for reduction of running gear width

Reduction of the standard wheel set width up to minimum flush width and without lateral projection at the sides, taking into account the ballasting then necessary.
Delivery time and data on required ballasting: on request!



Inclination [°]	Step width [mm]	Platform height [m]	2.40	2.60	2.80	3.00
45		Number of steps	12	13	14	15
		Projection [m]	3.03	3.23	3.43	3.63
	600	Weight [kg]	103.0	111.5	130.4	136.6
		Running gear width [m]	1.25	1.25	1.30	1.30
		Ref. No.	1136.412	1136.413	1136.414	1136.415
	800	Weight [kg]	110.9	119.8	138.5	145.4
		Running gear width [m]	1.50	1.50	1.50	1.50
		Ref. No.	1138.412	1138.413	1138.414	1138.415
Inclination [°]	**Step width [mm]**	**Platform height [m]**	**2.88**	**3.12**	**3.36**	**3.60**
60		Number of steps	12	13	14	15
		Projection [m]	2.36	2.49	2.63	2.77
	600	Weight [kg]	101.5	109.4	128.7	135.2
		Running gear width [m]	1.25	1.30	1.40	1.50
		Ref. No.	1136.612	1136.613	1136.614	1136.615
	800	Weight [kg]	109.3	117.9	137.1	144.0
		Running gear width [m]	1.50	1.60	1.60	1.70
		Ref. No.	1138.612	1138.613	1138.614	1138.615

Further variants on request



Wheels with lock to immobilise the wheel and fork head can be fixed using a direction lock in the access direction or sideways direction.

= available ex works = delivery time on request **PU** = packaging unit = only available in this packaging unit

Alu bridging stairway 114

For crossovers of containers, machinery, conveyor belts, assembly lines, etc. Fastened using angled mounting sections to bottom of stair, standard version.

Platform height:
Max. 3.30 m (dimension from floor to top edge of platform)

Clear height vertical:
Platform height – x (see sketch on page 45)

Width:
Step width + 0.19 m with stair guardrail on one side and on both sides

Clear width:
45° = 750 mm
60° = 650 mm

Stair guardrail / Platform guardrail:
The standard scope of delivery includes per crossover a stair guardrail on one side and a platform guardrail (both of which can be optionally fitted either left or right). DIN EN ISO 14122-3 must be complied with. Accordingly, for a stairway with a 45° inclination a stair guardrail is specified for **at least** one side. For a 45° angle and a wall clearance > 200 mm, or for 60°, a handrail must be provided on both sides.

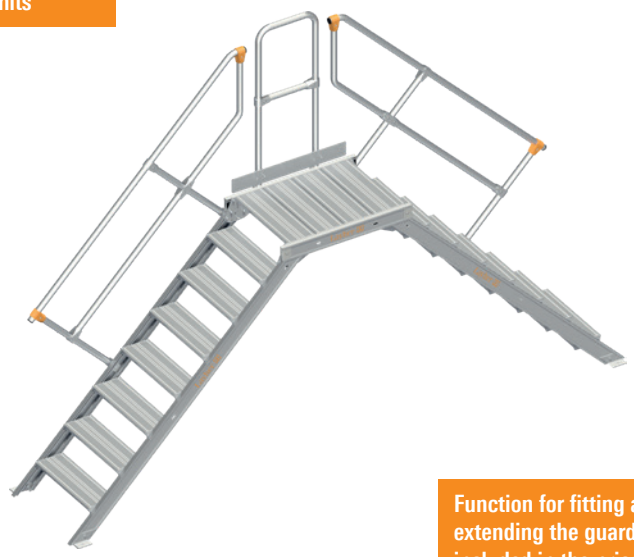
Platform length:
800 mm

Hole for fastening strap:
9 mm

Aluminium bridging stairways must be fastened to the floor (e.g. dowelled). The safe transfer of the loads into the structure or the building ground must be approved by the customer.

High flexibility thanks to modular principle

Quick and easy assembly thanks to delivery of preassembled units



Function for fitting and extending the guardrail included in the price

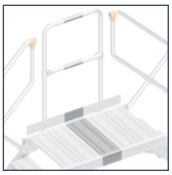
R12 grooved aluminium steps

Picture shows the standard scope of delivery

			Supplied in the fully assembled state			Only guardrails have to be fitted on the spot				
Inclination [°]	**Step width [mm]**	**Platform height [m]**	**0.60**	**0.80**	**1.00**	**1.20**	**1.40**	**1.60**	**1.80**	**2.00**
45	600	**Number of steps**	3	4	5	6	7	8	9	10
		Projection [m]	1.90	2.30	2.70	3.10	3.50	3.90	4.30	4.70
		Weight [kg]	40.0	45.4	50.7	56.1	62.1	68.2	77.4	83.3
		Ref. No.	1146.403	1146.404	1146.405	1146.406	1146.407	1146.408	1146.409	1146.410
	800	**Weight [kg]**	43.4	49.6	55.8	62.0	68.8	75.8	85.8	92.6
		Ref. No.	1148.403	1148.404	1148.405	1148.406	1148.407	1148.408	1148.409	1148.410
2nd stair guardrail (extra charge)		**Weight [kg]**	5.7	5.9	6.1	6.3	6.8	7.4	9.5	10.0
		Ref. No.	1160.403	1160.404	1160.405	1160.406	1160.407	1160.408	1160.409	1160.410

Intermediate heights are possible on request when the appropriate platform is specified. Quotation and Technical Data Sheet will follow within 72 hours of receipt of the enquiry. All dimensions are guideline values. Subject to technical modification. Delivery exclusively in accordance with our currently valid General Terms of Sale. Delivery incl. assembly drawing. Cannot be returned. Component weights are subject to fluctuations due to tolerances and may therefore diverge from what is specified.

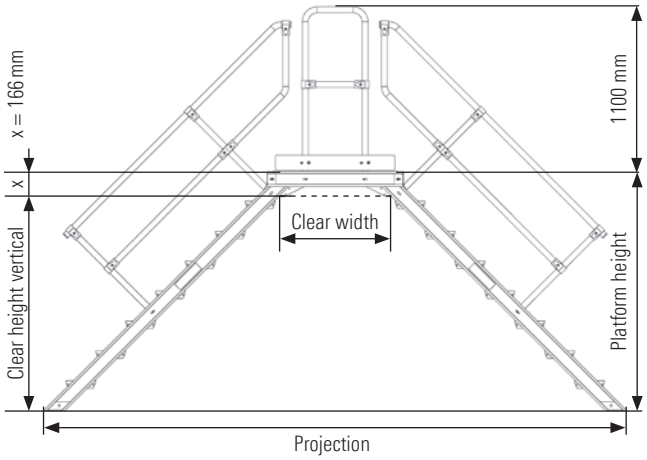
Extra charge for platform extension per 200 mm platform expandable to max. 1.20 m

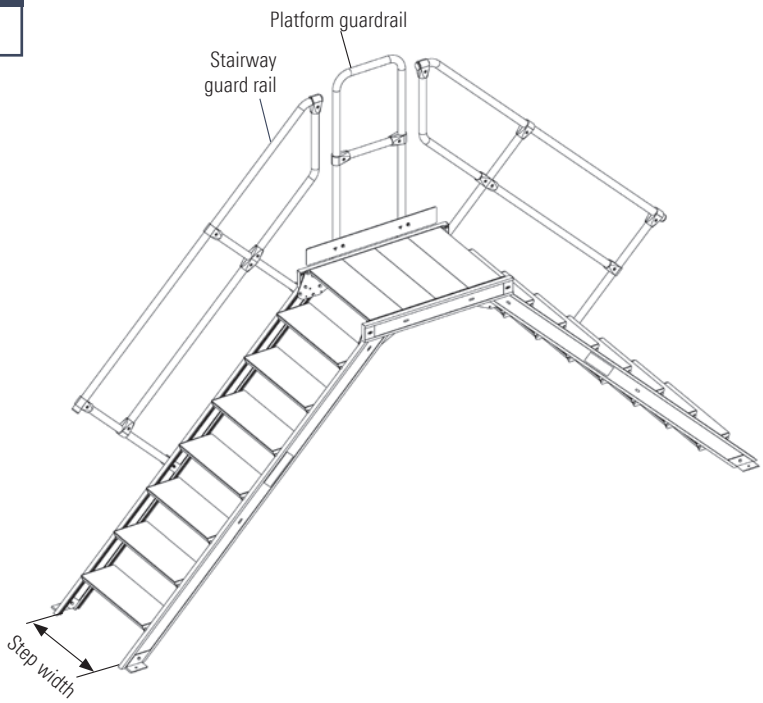


Step width 600 mm
Ref. No. 1152.602
Step width 800 mm
Ref. No. 1152.802

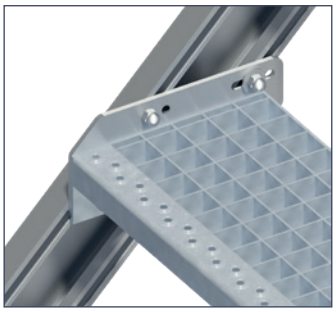
Extra charge for end guardrail (in combination with the order for an aluminium stair 114)

Ref. No. 1141.000

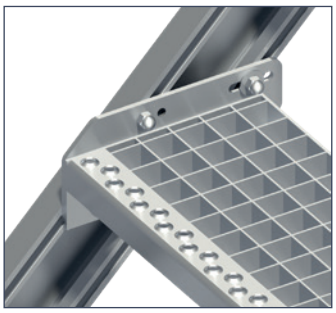




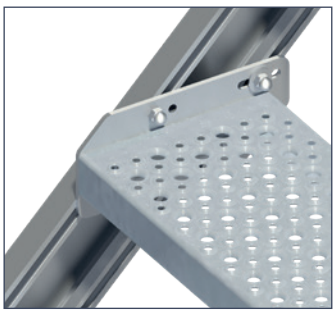
			Supplied in the fully assembled state			Only guardrails have to be fitted on the spot				
Inclination [°]	**Step width [mm]**	**Platform height [m]**	**0.72**	**0.96**	**1.20**	**1.44**	**1.68**	**1.92**	**2.16**	**2.40**
60		**Number of steps**	3	4	5	6	7	8	9	10
		Projection [m]	1.52	1.79	2.07	2.35	2.63	2.90	3.18	3.46
	600	**Weight [kg]**	39.1	44.2	49.7	54.9	60.4	66.5	75.2	81.2
		Ref. No.	1146.603	1146.604	1146.605	1146.606	1146.607	1146.608	1146.609	1146.610
	800	**Weight [kg]**	42.5	48.5	54.8	60.8	67.2	74.3	83.7	90.5
		Ref. No.	1148.603	1148.604	1148.605	1148.606	1148.607	1148.608	1148.609	1148.610
2nd stair guardrail (extra charge)		**Weight [kg]**	5.4	5.5	5.8	5.9	6.2	6.8	8.7	9.2
		Ref. No.	1160.603	1160.604	1160.605	1160.606	1160.607	1160.608	1160.609	1160.610



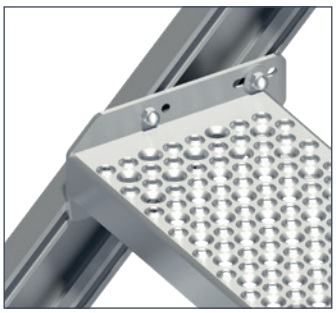
Alternative steps made of steel grating Slip resistance: R11		
Step width	600 mm	800 mm
Ref. No.	1151.601	1151.801



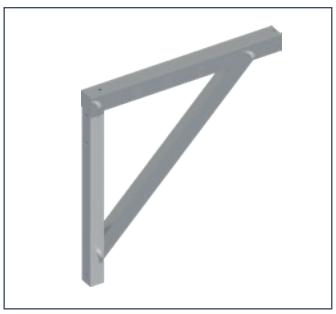
Alternative steps made of aluminium grating Slip resistance: R11		
Step width	600 mm	800 mm
Ref. No.	1151.602	1151.802



Alternative steps made of steel perforated plate Slip resistance: R11		
Step width	600 mm	800 mm
Ref. No.	1151.603	1151.803

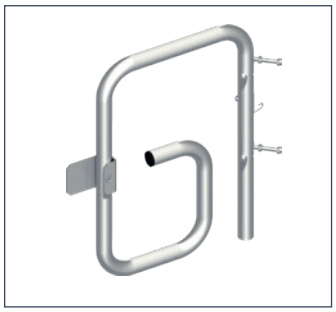


Alternative steps made of aluminium perforated plate Slip resistance: R11		
Step width	600 mm	800 mm
Ref. No.	1151.604	1151.804

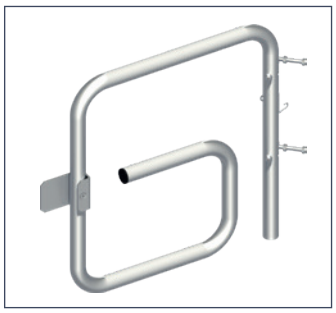


Wall bracket for supporting and fastening of aluminium stairs with platform	
Ref. No.	1171.000
To match	Aluminium stairs with platform for step width 600 mm

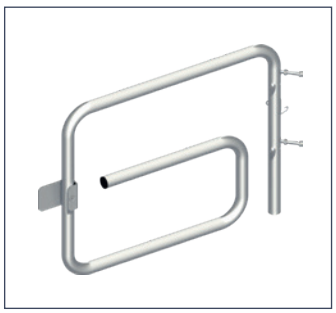
Wall bracket for supporting and fastening of aluminium stairs with platform	
Ref. No.	1172.000
To match	Aluminium stairs with platform for step width 800 mm



Swing doors for installation where exits are open at the sides in the platform area	
Ref. No.	1153.502
To match	Sides with serial platform length 600 mm or at step width 600 mm and 800 mm



Swing doors for installation where exits are open at the end in the platform area	
Ref. No.	1153.602
To match	End with step width 600 mm



Swing doors for installation where exits are open at the end in the platform area	
Ref. No.	1153.802
To match	End with step width 800 mm

Barrier chain for hanging across open exits		
Ref. No.	1153.601	1153.801
To match	End with step width 600 mm, sides with step widths 600 mm and 800 mm	End with step width 800 mm

LAYHER ROLLING TOWERS

THE QUALITY IS IN THE DETAILS



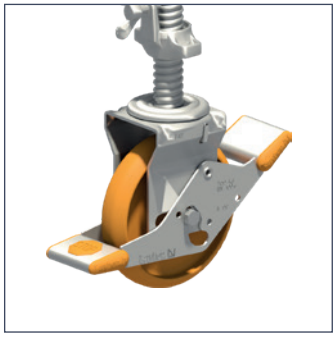

Layher rolling towers offer professionals in the building trade and in industry individualised solutions for every task, but without extensive material being needed. Thanks to the modular principle, many assembly variants are possible with a few components. That reduces the need for stocks and cuts logistic costs. The lightweight and handy system components made of aluminium with snap-on claw not only permit quick and easy assembly, but also ensure high stability for concentrated working at a height of nearly 14 meters. Layher rolling towers are a persuasive solution thanks to their ample working platform and working height adjustment. Their adaptability to site conditions enables every professional on the scaffolding to work ergonomically and so improve their individual safety and efficiency.

For top performance at great heights, you need high stability. Layher has, with its consistent approach to safety and quality, designed products which conform to statutory safety requirements. Inspections by independent institutes have corroborated this. The Layher brand stands for more than 75 years of experience in the design and manufacture of rolling towers at the central production location in Gueglingen. Quality “Made by Layher” means “Made in Germany”.

With its rolling tower family, Layher offers customers from the building trades and from industry scaffolding systems for economical working at any height, both indoors and outdoors.

THE BENEFITS FOR YOU:

- Layher offers for every site requirement the rolling tower to match. Thanks to the modular principle, many assembly variants are possible with a few components.
- The option of using the Layher Safety Structure P2 enable you to conform to the German Ordinance on Industrial Safety and Health without extra expense.
- Ergonomic assembly and high profitability thanks to the handy system components made of aluminium.
- You can rely on maximum quality and safety thanks to a recognised quality management system and inspections by independent institutes.



WHEELS

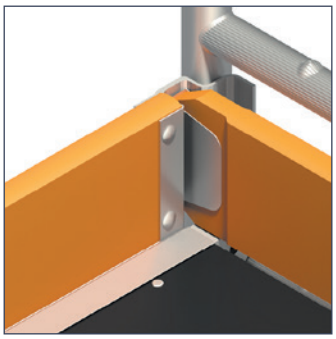
Sturdy wheels for high manoeuvrability and stable stance during work. Various wheel coatings permit use even on sensitive floor coverings. The steel base plates ensure easy and precise height equalisation while transmitting the loads centrally into the locked wheel. This improves the stability, enabling the user to work efficiently.

LADDER FRAMES

The ladder frame doubles as the scaffolding frame and as an access. The grooves of the rungs ensure maximum slip prevention and secure grip for vertical access. The ladder frames are available in the lengths 1.00 m and 2.00 m and in the widths 0.75 m and 1.50 m. Long and conical spigots ensure a secure and easy-action connection of the ladder frames to one another, easily made safer by spring clips.

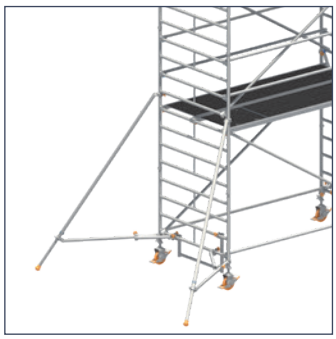
GUARDRAILS AND DIAGONAL BRACES WITH SNAP-ON CLAWS

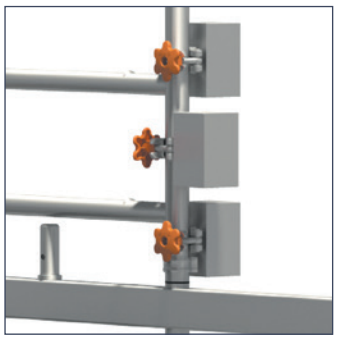
Unbeatably fast connection without using tools. A slight pressure, and the claw snaps into place by itself. Various colours of the claw fingers for guardrails and diagonal braces help to tell the components apart – that saves time.



DECKS

Sturdy decks made from aluminium frames with plywood insert and snap-on claws ensure easy handling. They have a non-slip surface for a firmer and safer stance even in wet weather. A maximum-size working surface is obtained with a width of 68 cm. The differently shaped snap-on claws permit easy 1-man assembly and at the same time provide quadruple lift-off prevention. The toe board for protection from falling material or tools form a self-holding rim to ensure a maximum working surface.





STABILITY

The stability of the rolling tower must be assured for every phase of its assembly and dismantling. Depending on the assembly height and whether the tower is assembled outdoors or in a closed room, the following measures must be taken:

- installation of mobile beam
- use of stabilizers
- ballasting

LAYHER ROLLING TOWERS

THE RIGHT ROLLING TOWER FOR EACH TASK

Tower model	SoloTower	Zifa	Uni Light
Description / Features	Transport and assembly can be done by only one person; thanks to the compact dimensions, transport is possible in all usual vehicles	Fits through room doors when assembled and loaded, requires little space for transport	Ideal for cramped conditions at the place of use
Dimensions of working platform	0.75 x 1.13 m	0.75 x 1.80 m	0.75 x 1.80 m
Working height (in closed areas)	6.15 m	7.76 m	9.26 m
Working height (outdoors)	6.15 m	7.76 m	9.26 m
Permissible live load	2.0 kN / m²	2.0 kN / m²	2.0 kN / m²
Maximum permissible UDL*	150 kg	240 kg	240 kg

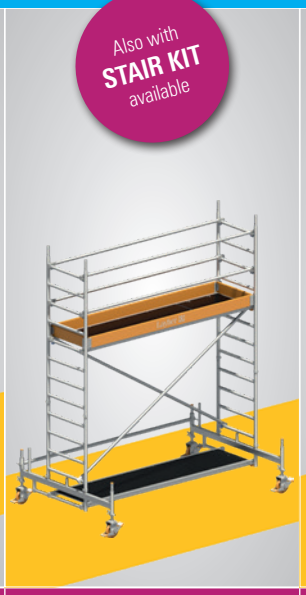
LAYPLAN ROLLING TOWER CONFIGURATOR

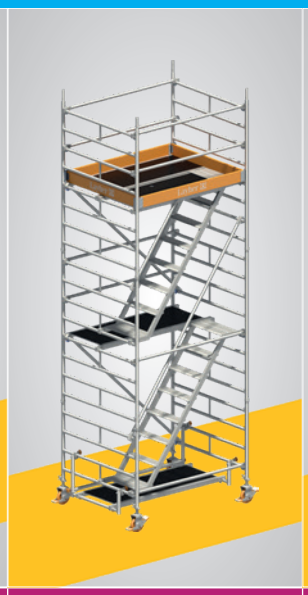
LayPLAN CLASSIC

By using this LayPLAN module, it is possible to choose between standard and individual rolling tower solutions – quickly and easily. After entering of working height, the required working space and selection of the equal assembly structure, the program gives you a solution offer with pictures and material lists. Applications with internal ladder access, wall support or console brackets can be chosen – also as structures with mobile beam or stabilizers. All assembly structures according to the user manuals are available.

THE BENEFITS FOR YOU:

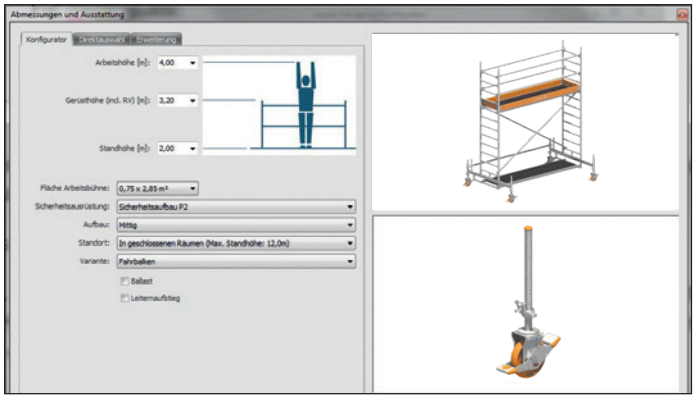
- Quick planning and selection of the equal rolling tower type – no matter if standard or individual
- Download of all user manuals of the Layher rolling towers
- Optionally the material list can be generated with or without required ballastings
- Single components can be edited, added or deleted from the material list

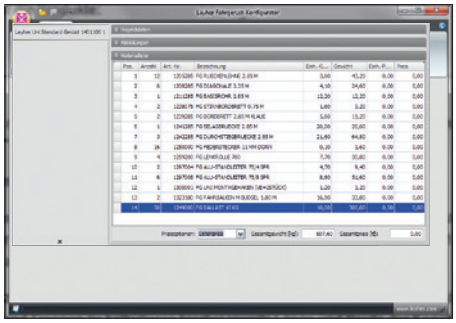




Uni Compact	Uni Standard	Uni Wide	Uni Comfort	Staro rolling tower
Double-width working surface, yet with compact outer dimensions	Designed for maximum heights, lightweight, sturdy, durable – the flexible basic model	Double-width working surface, needs base widening only when height exceeds 8.38 m	Convenient stairway access	Excellent freedom of movement and plenty of room for material, height adjustable every 11 cm
1.50 x 1.80 m	0.75 x 2.85 m	1.50 x 2.85 m	1.50 x 1.80 m	1.95 x 1.95 m
10.38 m	13.38 m	13.38 m	14.20 m	3.90 m
9.38 m	9.38 m	9.38 m	10.20 m	3.90 m
2.0 kN / m²	2.0 kN / m²	2.0 kN / m²	2.0 kN / m²	1.5 kN / m²
485 kg	380 kg	765 kg	485 kg	570 kg

When you buy, you receive instructions for assembly and use that must be followed without fail for assembly, dismantling and use.
* According to the max. working surface.





LayPLAN Rolling Tower Configurator

Order now for free at fg-konfigurator.layher.com

STANDARD DIN EN 1004, MOBILE WORKING PLATFORMS

AMENDMENT OF STANDARD EN 1004

The standard / rules, and hence state of the art, for mobile working platforms is the European standard:

DIN EN 1004

This standard has been subdivided into separate parts since 2021, and containing specifications for the manufacture, inspection and use of the appropriate products.

SUBDIVISION OF STANDARD DIN EN 1004:

- DIN EN 1004-1 **Part 1**
  - Title: "Mobile access and working towers made of prefabricated elements – Part 1: Materials, dimensions, design loads, safety and performance requirements"
  - Publication date: 01.02.2021
  - Supersedes the standard: DIN EN 1004:2005-03
- DIN EN 1004-2 **Part 2**
  - Title: "Mobile access and working towers made of prefabricated elements – Part 2: Rules and guidelines for the preparation of an instruction manual"
  - Publication date: 01.03.2022
  - Supersedes the standard: DIN EN 1298:1996-04

AMENDMENTS DUE TO NEW VERSION DIN EN 1004-1:2021-02

Part 1 of the new version came into effect upon the end of the transition period on 30.11.2021, after which date manufacturers may only market mobile working platforms conforming to the new version and indicating conformity to standard DIN EN 1004.

CHANGE IN SCOPE OF APPLICATION

PREVIOUSLY: The previous version of DIN EN 1004 applied for a platform height of 2.50 metres and above. Platform heights below that were governed by national rules. Even if these had been already withdrawn over the years, they were still deemed to be state of the art.

NEW: The scope of the new version now covers mobile working platforms of and above a platform height of "> 0 metres". All structures, even those below 2.50 metres, are thus taken into account and must conform to the standard in all respects, with appropriate indication thereof.

An important aspect here:

- 3-part side protection starting at platform height > 0 m

Changes in the product portfolio:

All models with a platform height below 2 metres are now designed "conforming to the standard" with 3-part side protection.

Recommendation by Layher

- New purchases always in accordance with the new standard DIN EN 1004-1:2021: Models conforming to the standard, i. e. with 3-part side protection (guardrail / guardrail at 0.5 m height / toe board)
- For expansion / retrofitting: Parts according to retrofit set table

Example:

EXAMPLE: Zifa 1406210

NEW: Zifa 1406310

MAXIMUM DISTANCE BETWEEN THE DECK SURFACES

PREVIOUSLY: In the previous version of DIN EN 1004, a maximum distance of 4.20 metres between the deck surfaces applied. This related to the models that were listed with the remark "Minimum requirement DIN EN 1004:2005".

NEW: In the new version, the maximum distance between the deck surfaces is now set at 2.25 metres. As a result, mobile working platforms not exceeding this maximum distance may be marketed in conformity to standard DIN EN 1004-1:2021. These requirements have already been met by models with Safety Structure P2 since 2009, and therefore are and remain in conformity to the standard – even after amendment.

Changes in the product portfolio:

All models previously listed with the remark "Minimum requirement DIN EN 1004:2005" will no longer be advertised and marketed with the indication of conformity to standard DIN EN 1004-1:2021.

Recommendation by Layher

- New purchases always in accordance with the new standard DIN EN 1004-1:2021: Models conforming to standard DIN EN 1004-1:2021 with Safety Structure P2 (as since 2009, but now conforming to the standard only in this form)
- For expansion / retrofitting: Parts according to retrofit set table

PREVIOUSLY: Uni Standard 1104

NEW: Uni Standard 1401104

AMENDMENTS DUE TO NEW VERSION DIN EN 1004-2:2022-03

Part 2 of the new version came into effect on 01.03.2022 with a transition period until 01.05.2022. After that date, the manufacturers may only prepare instructions for assembly and use conforming to this new version.

REQUIREMENTS FOR ASSEMBLY AND DISMANTLING PROCESSES IN THE INSTRUCTIONS FOR ASSEMBLY AND USE

PREVIOUSLY: The previous standard DIN EN 1298:1996-04 required that the procedure for construction of the mobile working platform be described in the instructions for assembly and use. The intention here was to explain assembly and dismantling to the user in an understandable way and to indicate potential risks arising from non-compliance.

NEW: In the new version DIN EN 1004-2:2022-03 which supersedes the standard DIN EN 1298:1996-04, it is required from the manufacturer of mobile working platforms that the description of assembly and dismantling incorporates the following passage when the instructions for assembly and use are drafted:

> **"The assembly and dismantling processes must ensure that no person may stand on a platform without guardrail and intermediate side protection.** *For example by a lower platform with guardrail and intermediate side protection* ***or by another method having the same effectiveness."*** *(see Fig. 1)*

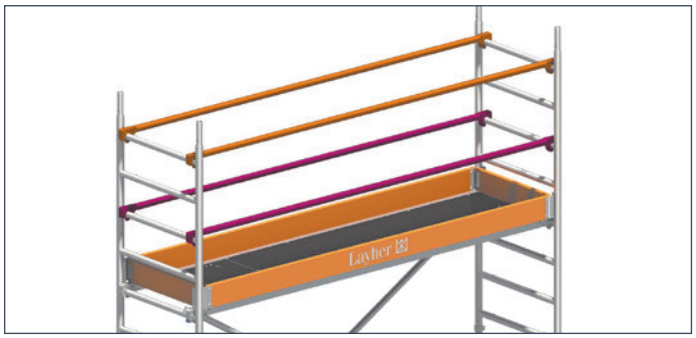


Fig. 1

Guardrail = guardrail at 1 m height
Intermediate side protection = guardrail at 0.5 m height (knee height)

Taking into account this amendment, guardrails in the form of handrails at 1 m height, for the Safety Structure P2 process deemed SAFE for years, are now no longer sufficient and must be supplemented by intermediate guardrails at 0.5 m height before access to the level to be constructed.

Changes in the product portfolio:
The amendment to the standard does not affect the product portfolio.

Changer for the user when assembling and dismantling:
Fitting and removing of the intermediate guardrails will in future be performed in a sitting position from the hatch *(see Fig. 2)*.

Fitting of the additional guardrails permits access to the respective level in its state with 2-part side protection all round. The instructions for assembly and use have been supplemented with additional steps for description in conformity with the standard of the fitting and removal of intermediate guardrails during the assembly and dismantling procedure. For Safety Structure P2, only the updated instructions for assembly and use remain valid after the standard has come into effect.

Fig. 2

WHAT DO THE AMENDMENTS TO STANDARD DIN EN 1004-2 MEAN FOR DEALERS?

Mobile working platforms marketed in the past remain, even after publication of the new version of the standard, in conformity with the standard and do not become dangerous or unsafe per se. All components can still be advertised and marketed without restriction.

- To ensure that health and safety are protected during use of the products for their intended purpose and in conformity with the standard, Layher continues to recommend Safety Structure P2 with the amended assembly and dismantling procedure in accordance with the amended instructions for assembly and use.

WHAT DOES THE AMENDMENT TO STANDARD DIN EN 1004-2 MEAN FOR END USERS?

Newly purchased or already stocked mobile working platforms can be used / can continue to be used without restrictions while taking into account Safety Structure P2. Assembly and dismantling must be performed in future in accordance with the updated instructions for assembly and use.

- For users already applying Safety Structure P2, there is no need to change their stocks. There are thus no costs incurred by the amendment of Part 2 of the standard.
- To be and remain up to date in respect of both statutory and in particular safety requirements and also in respect of the state of the art, and also to ensure use of products for their intended purpose and in conformity with the standard, Layher recommends when purchasing new mobile working platforms to use Safety Structure P2 or models having indication of conformity to standard DIN EN 1004-1:2021 = "Safety Included". Layher further recommends checking and where necessary adaptation of the risk assessment and where necessary to upgrade existing stocks using the retrofit sets, and also to perform assembly and dismantling in accordance with the updated instructions for assembly and use.

SAFETY STRUCTURE P2

MORE SAFETY, WHEN USING LAYHER ROLLING TOWERS

Because of the standard changes, which are described on the previous pages and because of European industrial safety laws, you as an employer must ensure that your workforce is only provided with equipment that, when used for its intended purpose, guarantees both safety and health protection. Appropriate safety measures have to be taken by you. Collective risk prevention takes precedence here over individual risk prevention.

To comply in full with all requirements, Layher has now devised the Safety Structure P2. The Layher Safety Structure P2 represents the collective safety measure.

THE SAFETY STRUCTURE P2

- **P**latforms with a vertical spacing of **2** m.
- Safer design with integrated collective side protection.

Thanks to the platforms assembled with a 2 meter spacing, the rear guardrails can already be fitted from the level below. Additionally intermediate guardrails are fitted through the trapdoor. By doing so, there is already a two-part side protection when the next platform is accessed.

THE BENEFITS FOR YOU:

The ingeniously simple assembly principle:

- All round side protection already in place when accessing the next platform up
- More stability in the rolling tower thanks to additional stiffeners

Platforms spaced 2 meters apart:

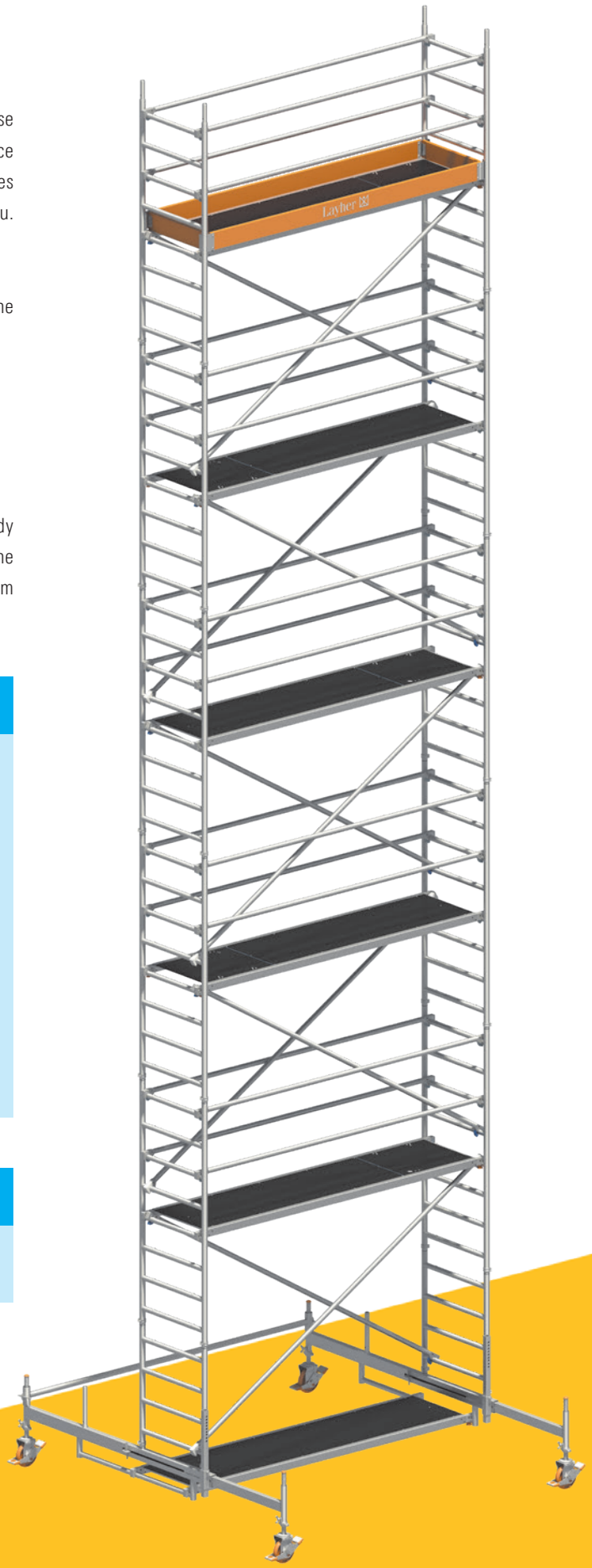
- Maximum safety during assembly, ascent and descent and during the actual work
- Easy passing on of rolling tower parts or work materials from one level to the next

The innovative Uni assembly hook:

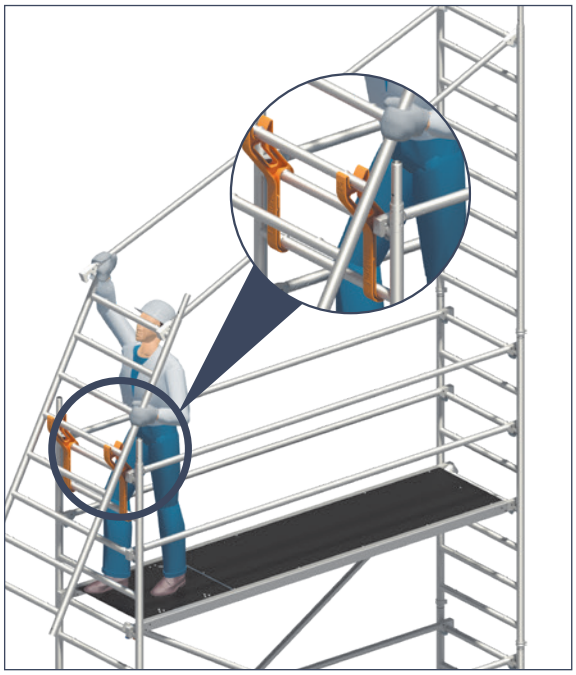
- Considerably simplifies assembly and ensures fast and hitch-free assembly and dismantling

CAN BE RETROFITTED WITH THE LAYHER MODULAR SYSTEM

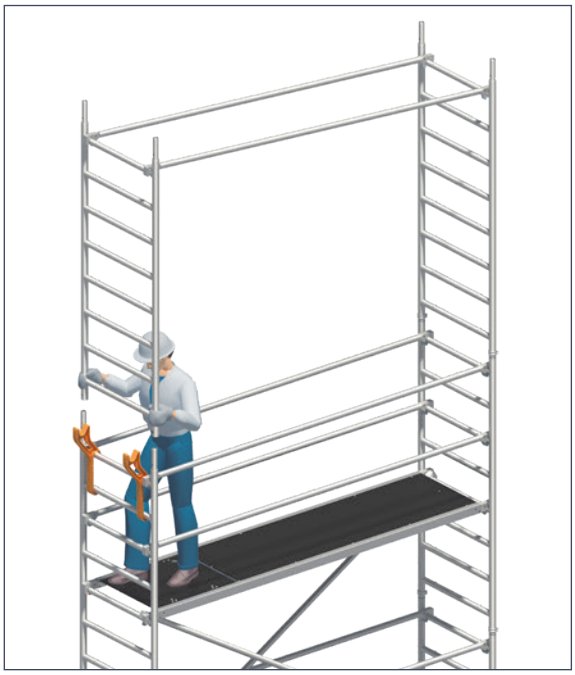
If you already have a Layher rolling tower, you can upgrade it to the P2 design without any problem.



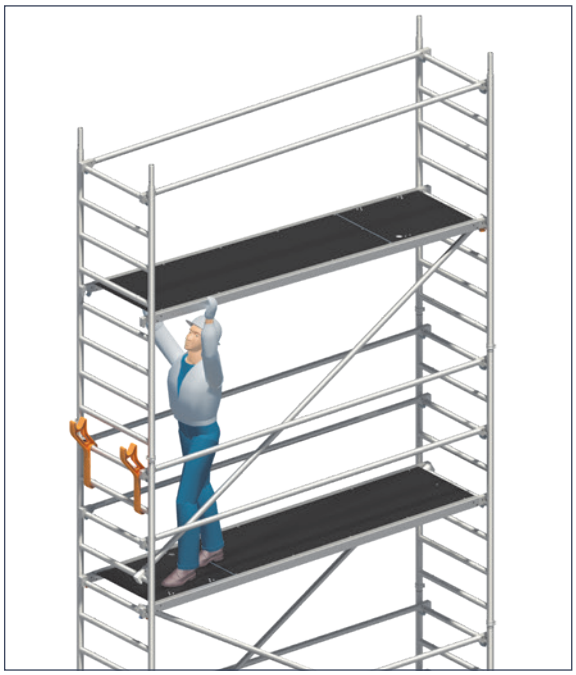
THE PRINCIPLE – SIMPLE. SWIFT. SAFE.



1 Fit the first ladder frame.
Attach the Uni assembly hooks and position the second ladder frame for fitting of the rear guardrails.



2 Swing ladder frame with rear guardrail upwards and fit into place.



3 Insert diagonal braces and access deck.

4 Fitting the intermediate guardrails through the trapdoor.

SOLOTOWER

FAST, EASY AND SAFE ASSEMBLY BY ONE PERSON

The SoloTower from Layher is a small rolling tower that can be assembled quickly, safely and easily by a single person, up to a working height of 6.15 metres.

Current industrial safety regulations for working at heights are increasingly restricting the use of ladders. These regulations are frequently detrimental to the profitability of businesses. Previously, businesses have had to plan with highvolume work platforms. The result is a major logistic effort, plus an increased personnel requirement of at least two persons.
This additional economic burden is avoided by using the SoloTower.

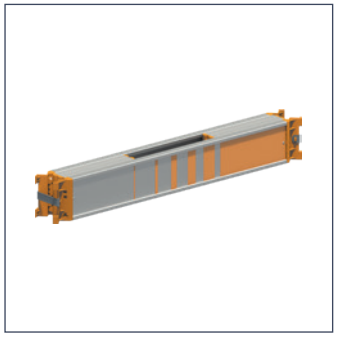
Thanks to its compact dimensions, the SoloTower can be transported to its place of use in normal commercial vans or trucks. Transport and assembly can be handled by a single person all the way.

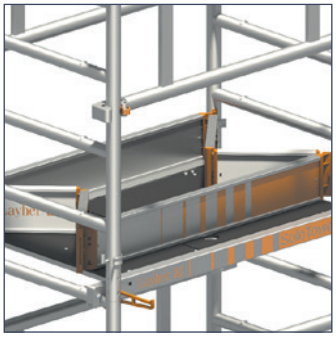
TECHNICAL DATA

- Working height: 6.15 m
- Area of working platform: 0.75 x 1.13 m
- Permissible live load: 2 kN / m² (load class 3)

LOGISTICS

The compact dimensions of all components permit economical and efficient logistics for storage and transport and at the site. A few of the components are used to construct, without any tools, a “transport trolley” in which the other scaffolding parts can be moved quickly and ergonomically to the intended location. This “transport trolley” fits through any normal door.





TOE BOARD UNIT

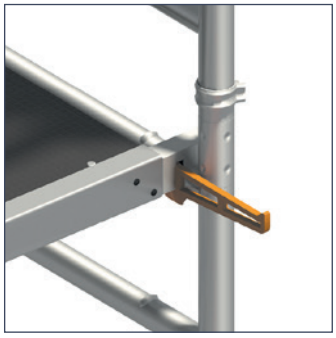
The end and side toe boards made of aluminium are already preassembled to create a fold-out toe board unit. The toe boards can be spread out and folded up in next to no time, and fitted to the platform quickly and easily.

SAFE ASSEMBLY AND DISMANTLING

With the specified assembly and dismantling sequence of the SoloTower using the 3-T method (Through The Trapdoor ▸ i.e. seated in the access hatch), the user is already in a secure area when moving up to the next platform up, due to the pre-assembled double guardrail, in compliance with the valid regulations for industrial and work safety.

TELESCOPING STABILIZERS

Quickly and easily attached stabilizers ensure a firm standing of the SoloTower on uneven ground too.

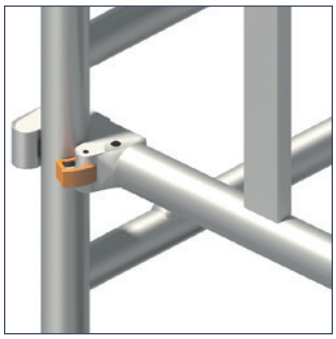


SINGLE-PERSON ASSEMBLY

Lightweight, handy and compact components made of aluminium in combination with the SoloTower assembly hook make it easy to pass individual components from level to level, permitting efficient and economical assembly and dismantling by only one person.

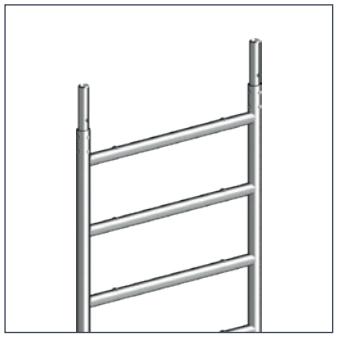
WHEELS

Sturdy wheels for high manoeuvrability and stable stance during work. The steel base plates ensure easy and precise height equalisation while transmitting the loads centrally into the locked wheel. This improves the stability and enables the user to work efficiently.



TOOL-FREE ASSEMBLY

Layher’s proven connection technology using the snap-on claw permits the accustomed tool-free, fast and easy assembly of the sturdy aluminium components. Layher rolling tower components are synonymous with durability and stability.



QUALITY AND SAFETY

The SoloTower has been designed to meet the requirements in the European standard DIN EN 1004 for mobile work platforms, ensuring maximum quality and safety.

ECONOMIC EFFICIENCY

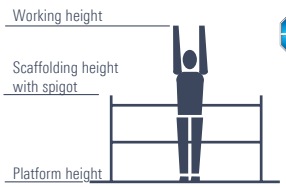
The ladder frames of the SoloTower are, thanks to the Layher construction kit system, also used for the proven Zifa, Uni Standard and Uni Light rolling towers.

Part list

The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	1600102	1600103	1600104
Toe board unit 1.13 m x 0.75 m	1240.113	1	1	1
SoloTower access deck 1.13 m	1242.113	1	2	2
Telescoping stabilizer - 1.25 m	1248.000	4	4	4
Rotation preventer for stabilizers	1248.261	4	4	4
Spring clip	1250.000	8	12	16
Ladder frame 75/4 - 1.00 m	1297.004	6	8	10
SoloTower assembly hook (set 4 pieces)	1300.002	1	1	1
Assembly bag	1300.003	1	1	1
Castor	1300.150	4	4	4
Double guardrail	1342.113	4	6	7
Ballast	1249.000	For requirement see table below		

Conforms to standard DIN EN 1004:2021



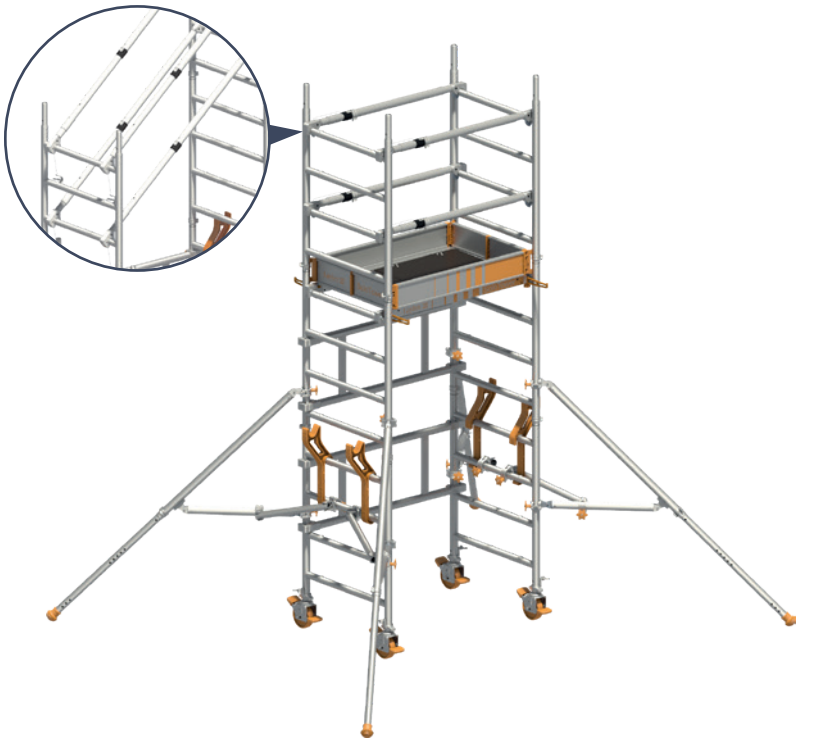
SoloTower

Tower model	1600102 SoloTower aluminium rolling tower	1600103 SoloTower aluminium rolling tower	1600104 SoloTower aluminium rolling tower
Working height [m]	4.15	5.15	6.15
Tower height [m]	3.38	4.38	5.38
Platform height [m]	2.15	3.15	4.15
Weight [kg] (without ballast)	118.8	151.9	167.6
Ballast (stated in units)			
In closed areas			
Assembly central	0	0	0
Assembly off-set	L0 R5	L0 R8	L0 R10
Assembly off-set with wall bracing	0	0	0
Outdoors			
Assembly central	0	0	0
Assembly off-set	L0 R5	L0 R8	L0 R10
Assembly off-set with wall bracing	0	0	0

X = not possible / not permissible
0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
In central assembly, the ballast weights are distributed evenly over all four ladder frame standards. The remainder not divisible by 4 must be fitted in accordance with the instructions for assembly and use.
In off-set assembly on mobile beams, the ballast weights must be distributed evenly over the two ladder frame standards away from the wall.

SOLOTOWER TELESCOPIC GUARDRAIL

A HELPFUL ADDITION FOR ROLLING TOWERS



The Layher SoloTower with 4.15 m work height and system integrated advanced guardrails.

To keep the investment costs of the users as low as possible, Layher expanded the SoloTower with an additional assembly variant – SoloTower with telescopic guardrails. Additionally to the well-known assembly variant with 3T-method, the SoloTower with telescopic guardrails enhances the support of the German BG Bau.

Tower model	1600202 SoloTower aluminium rolling tower mit Telegeländer
Working height [m]	4.15
Tower height [m]	3.38
Platform height [m]	2.15
Weight [kg] (without ballast)	121.1
Ballast (stated in units)	
In closed areas	
Assembly central	0
Assembly off-set	L0 R5
Assembly off-set with wall bracing	0
Outdoors	
Assembly central	0
Assembly off-set	L0 R5
Assembly off-set with wall bracing	0

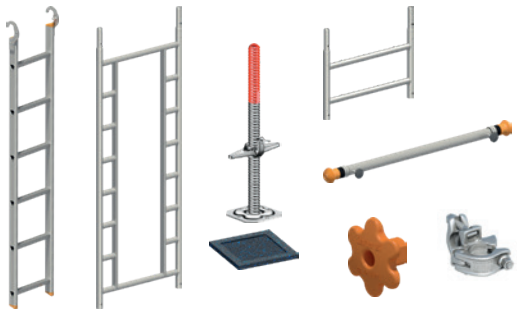
Part list

Tower model	Ref. No.	1600.202
SoloTower telescopic guardrail 1.13 m	1204.113	4
Toe board unit 1.13 m x 0.75 m	1240.113	1
SoloTower access deck 1.13 m	1242.113	1
Telescoping stabilizer - 1.25 m	1248.000	4
Rotation preventer for stabilizers	1248.261	4
Spring clip	1250.000	8
Ladder frame 75/4 - 1.00 m	1297.004	6
SoloTower assembly hook (set 4 pieces)	1300.002	1
Assembly bag	1300.003	1
Uni assembly hook	1300.010	2
Castor	1300.150	4
Double guardrail	1342.113	2
Ballast	1249.000	For requirement see table above

STAIR KIT SOLUTION FOR SOLOTOWER

THE ADDITIONAL KIT FOR YOUR SOLOTOWER

The stair kit for the SoloTower permits safer use of rolling towers inside stairwells while ensuring flexible working. By expanding standard rolling tower models with a few individual components, the SoloTower offers in combination with the stair kit an economically smarter, swifter and safer alternative for working at heights, and in particular an alternative to rung ladders, which are now only usable to a limited extent due to current occupational safety regulations.



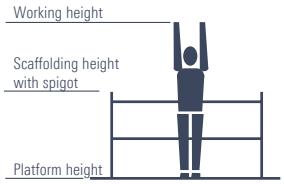
		SoloTower stair kit TYPE 1	SoloTower stair kit TYPE 2
Tower model	**Ref. No.**	**1600001**	**1600003**
Suspended ladder for passageway ladder frame	1247.006	0	1
Adjustable base plate 60 with lock	1257.060	4	4
Tele distance tube 1.25 m	1275.001	2	2
Passageway ladder frame 75/8 - 2.00 m	1296.008	1	2
Ladder frame 75/2 - 0.50 m	1297.002	1	1
Rubber underlay for base plate	4000.500	4	4
Double coupler	4700.019	4	4
Hand wheel with bush	6491.422	8	8

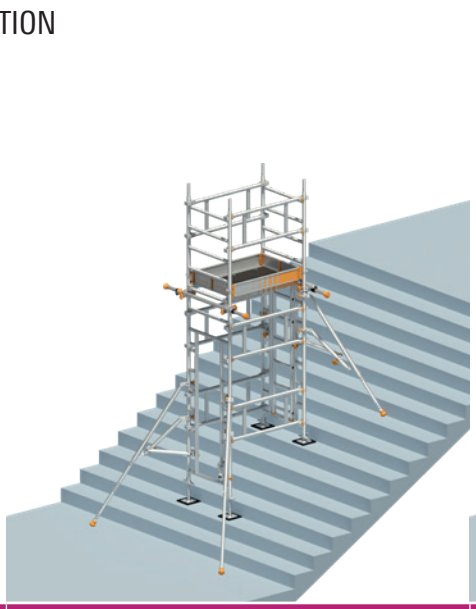
THE BENEFITS FOR YOU:

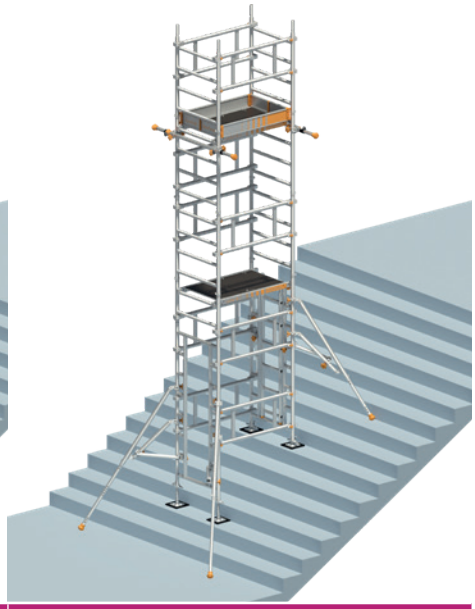
- Use of rolling towers in stairwells up to platform height of 5 m
- Passageways to suit the site – complete blocking off of the stair not needed
- Passageway also as entrance for upward access
- Adaptation to stair steps – riser and tread – is possible
- Single-person assembly

SOLOTOWER WITH STAIR KIT SOLUTION

THE COMPLETE KITS WITH STAIR SOLUTION







Tower model	1600193 SoloTower aluminium rolling tower	1600195 SoloTower aluminium rolling tower
Working height [m]	4.65	6.65
Tower height [m]	3.88	5.88
Platform height [m]	2.65	4.65
Weight [kg] (without ballast)	150.3	199.1
Ballast (stated in units)		
In closed areas		
Assembly central	l3 r3	l7 r7
Structure with restraint between the walls	0	0
Assembly off-set with wall bracing	l8 r0	l16 r0

Part list

Tower model	Ref. No.	1600193	1600195
Toe board unit 1.13 m x 0.75 m	1240.113	1	1
SoloTower access deck 1.13 m	1242.113	1	2
Suspended ladder for passageway ladder frame	1247.006	1	1
Telescoping stabilizer - 1.25 m	1248.000	4	4
Rotation preventer for stabilizers	1248.261	4	4
Spring clip	1250.000	6	14
Adjustable base plate 60 with lock	1257.060	4	4
Tele distance tube 1.25 m	1275.001	2	2
Passageway ladder frame 75/8 - 2.00 m	1296.008	2	2
Ladder frame 75/2 - 0.50 m	1297.002	1	1
Ladder frame 75/4 - 1.00 m	1297.004	2	6
SoloTower assembly hook (set 4 pieces)	1300.002	1	1
Assembly bag	1300.003	1	1
Double guardrail	1342.113	6	9
Rubber underlay for base plate	4000.500	4	4
Double coupler	4700.019	4	4
Hand wheel with bush	6491.422	8	8
Ballast	1249.000	For requirement see table above	

ZIFA

THE READY-MADE TOWER FOR WORKING AT LOW HEIGHTS

The Zifa tower is practically a "ready-made tower" for working at low heights: Folded together flat for storage and transport – fold it out, insert the deck – that's all. The basic unit can be passed through standard room doors when assembled and fully loaded.

- Basic tower of aluminium for alternating-sequence push-fit assembly
- Rear guardrails and diagonal braces of aluminium snap in easily
- Work decks with aluminium frame and plywood insert, also as a hatch-type deck for risk-free internal access
- Strong castors (permanently fitted) ensure particular stability

The Zifa family can also be equipped with stabilizers. Learn more about that on page 66.

TECHNICAL DATA

- Working height: 7.76 m
- Area of working platform: 0,75 x 1,80 m
- Permissible live load: 2 kN / m² (load class 3)


Layher

Part list

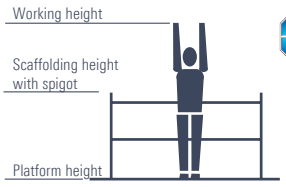
The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	1406200	1406210	1406213	1406214	1406215	1406216	1406310
Guardrail 1.80 m	1205.180	0	2	4	9	8	13	4
Diagonal brace 2.50 m	1208.180	0	0	1	2	4	4	0
Diagonal brace 1.95 m	1208.195	0	0	0	1	0	1	0
Basic tube 1.80 m	1211.180	0	0	1	1	1	1	0
Deck 1.80 m	1241.180	1	0	1	0	1	0	0
Access deck 1.80 m	1242.180	0	1	1	2	2	3	1
Spring clip	1250.000	0	4	8	12	12	16	4
Ladder frame 75/4 - 1.00 m	1297.004	0	2	0	2	0	2	2
Ladder frame 75/8 - 2.00 m	1297.008	0	0	2	2	4	4	0
Zifa 75 basic tower 1.80 m x 0.75 m	1300.006	1	1	1	1	1	1	1
Uni assembly hook	1300.010	0	0	1	1	1	1	0
Castor 400 - 4 kN	1301.150	4	4	4	4	4	4	4
Mobile beam 1.80 m with bar	1323.180	0	0	2	2	2	2	0
End toe board 0.75 m	1438.075	0	0	2	2	2	2	2
Toe board 1.80 m with claw	1439.180	0	0	2	2	2	2	2
Ballast	1249.000	For requirement see table below						

Retrofitting table

The rollings can be easily retrofitted to the Safety Structure P2, to conform to the current standards.

Retrofit set	Ref. No.	1400035
for tower model		1406.210
Guardrail 1.80 m	1205.180	2
End toe board 0.75 m	1438.075	2
Toe board 1.80 m with claw	1439.180	2



The Zifa family

Tower model	1406200 Zifa P2	1406210 Zifa P2
Working height [m]	2.86	3.61
Tower height [m]	1.84	2.84
Platform height [m]	0.86	1.61
Weight [kg] (without ballast)	41.9	59.7
Ballast (stated in units)		
In closed areas		
Assembly central	l4 r4*	l6 r6
Assembly off-set	X	X
Assembly off-set with wall bracing	l4 r0*	l6 r0
Outdoors		
Assembly central	l4 r4*	l6 r6
Assembly off-set	X	X
Assembly off-set with wall bracing	l4 r0*	l6 r0

The product shown (Ref. no. 1406210) is only standard-compliant by purchasing the retrofit set (Ref. nos. 1400035) according to DIN EN 1004:2021.

* The here shown ballasting is only required if the ladder frame is used for external access (e.g. swinging the standard upright).
X = not possible / not permissible
0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
In central assembly, the ballast weights are distributed evenly over all four ladder frame standards. The remainder not divisible by 4 must be fitted in accordance with the instructions for assembly and use.
In off-set assembly on mobile beams, the ballast weights must be distributed evenly over the two ladder frame standards away from the wall.

Suitable components

More components and detailed information from page 116.

RT Storage Box,
Ref. No. 1305.030

Castor 400, d=150 mm with polyurethane tyre,
Ref. No. 1303.150

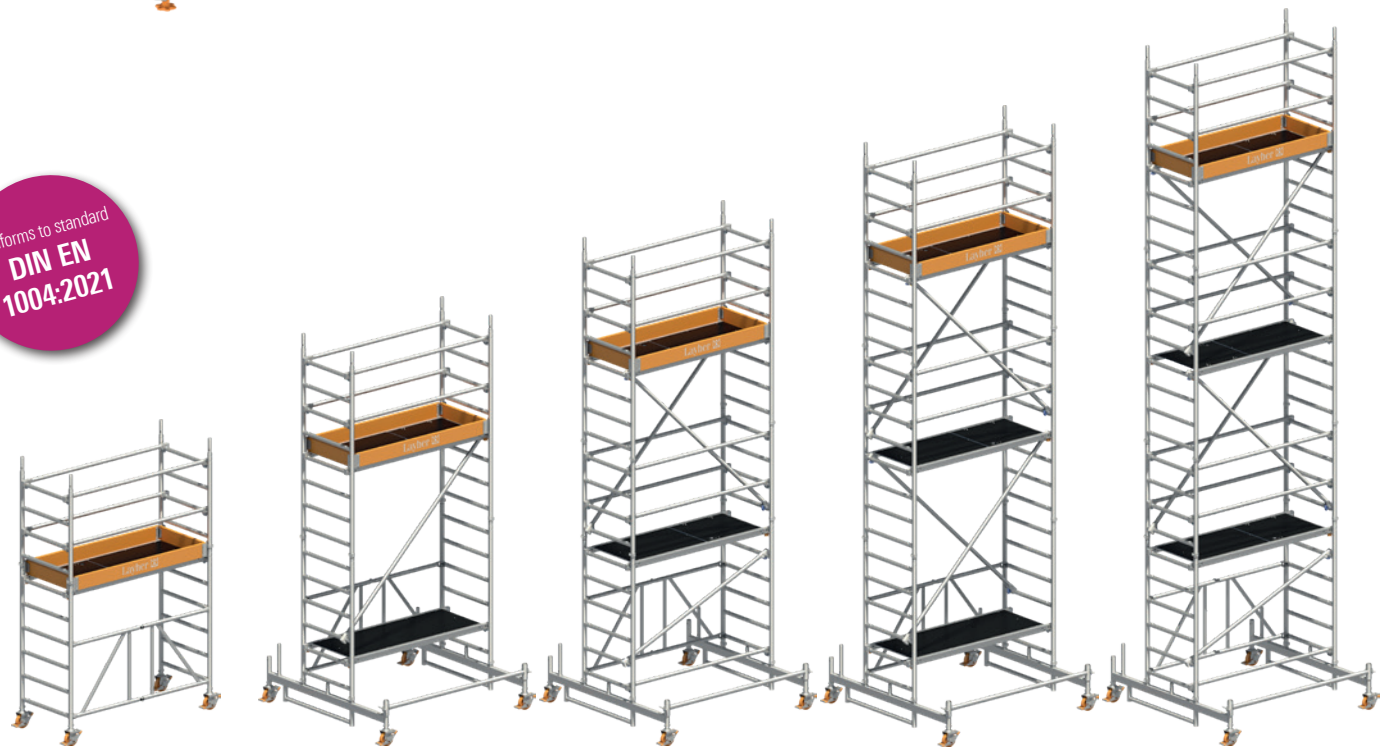
Castor, d=150 mm with spindle 250,
Ref. No. 1300.150

Ballast (10 kg),
Ref. No. 1249.000

Uni distance tube,
Ref. No. 1275.110

NEW

Conforms to standard **DIN EN 1004:2021**



1406310 Zifa P2	1406213 Zifa P2	1406214 Zifa P2	1406215 Zifa P2	1406216 Zifa P2
3.61	4.76	5.76	6.76	7.76
2.84	3.99	4.99	5.99	6.99
1.61	2.76	3.76	4.76	5.76
75.9	141.7	170.8	193.4	219.2
I6 r6	0	I2 r2	I4 r4	I4 r4
X	L0 R2	L0 R4	L0 R6	L0 R8
I6 r0	0	L2 R0	L6 R0	L8 R0
I6 r6	0	I2 r2	I4 r4	I4 r4
X	L0 R2	L0 R6	L0 R8	X
I6 r0	0	L4 R0	L8 R0	L16 R0

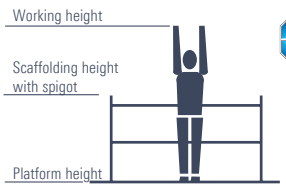
All dimensions and weights are guideline values. Subject to technical modification. Our deliveries shall be made exclusively in accordance with our currently valid General Terms of Sale.
Title to the delivered goods shall be retained until full payment has been made. When purchasing, you receive instructions for assembly and use that must be followed without fail or assembly, dismantling and use.

Zifa with stabilizers, extendable

Part list

The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	1406.233	1406.234	1406.235	1406.236	1406.237
Guardrail 1.80 m	1205.180	4	9	8	13	12
Diagonal brace 2.50 m	1208.180	1	2	4	4	6
Diagonal brace 1.95 m	1208.195	0	1	0	1	0
Deck 1.80 m	1241.180	1	0	1	0	1
Access deck 1.80 m	1242.180	1	2	2	3	3
Telescoping stabilizer - 2.60 m	1248.260	4	4	4	4	4
Rotation preventer for stabilizers	1248.261	4	4	4	4	4
Spring clip	1250.000	4	8	8	12	12
Ladder frame 75/4 - 1.00 m	1297.004	0	2	0	2	0
Ladder frame 75/8 - 2.00 m	1297.008	2	2	4	4	6
Zifa 75 basic tower 1.80 m x 0.75 m	1300.006	1	1	1	1	1
Uni assembly hook	1300.010	1	1	1	1	1
Castor 400 - 4 kN	1301.150	4	4	4	4	4
End toe board 0.75 m	1438.075	2	2	2	2	2
Toe board 1.80 m with claw	1439.180	2	2	2	2	2
Ballast	1249.000	For requirement see table below				



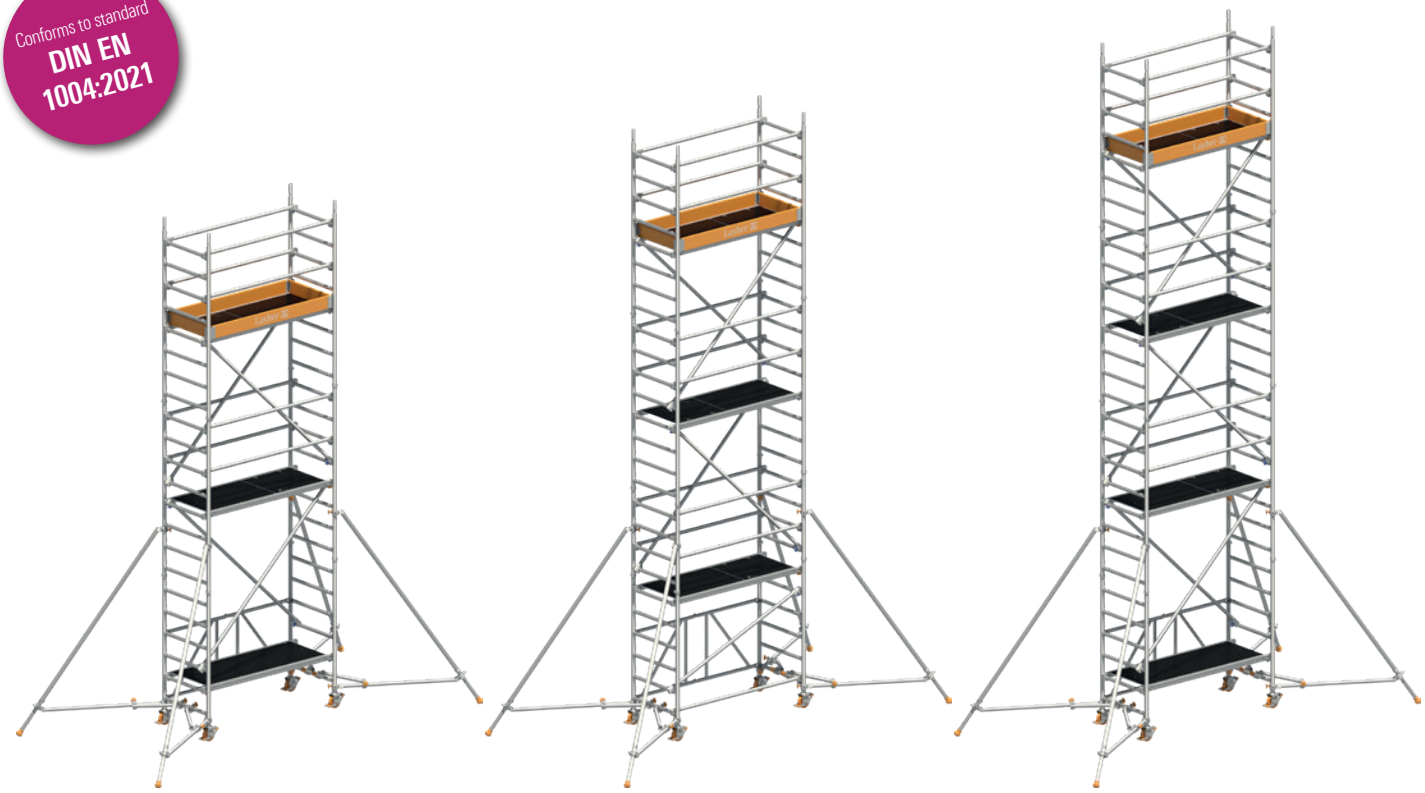
The Zifa family

Tower model	1406.233 Zifa P2 with stabilizers	1406.234 Zifa P2 with stabilizers
Working height [m]	4.61	5.61
Tower height [m]	3.84	4.84
Platform height [m]	2.61	3.61
Weight [kg] (without ballast)	144.6	174.1
Ballast (stated in units)		
In closed areas		
Assembly central	0	0
Assembly off-set	L0 R4	L0 R6
Assembly off-set with wall bracing	0	0
Outdoors		
Assembly central	0	0
Assembly off-set	L0 R6	L0 R10
Assembly off-set with wall bracing	0	0

X = not possible / not permissible
0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
In central assembly, the ballast weights are distributed evenly over all four ladder frame standards. The remainder not divisible by 4 must be fitted in accordance with the instructions for assembly and use.
In off-set assembly on mobile beams, the ballast weights must be distributed evenly over the two ladder frame standards away from the wall.

With the P2 safety structure: vertical platform clearance of 2 m and integrated, collective side protection. More information on page 54.

Conforms to standard **DIN EN 1004:2021**



1406.235 Zifa P2 with stabilizers	**1406.236** Zifa P2 with stabilizers	**1406.237** Zifa P2 with stabilizers
6.61	7.61	8.61
5.84	6.84	7.84
4.61	5.61	6.61
196.7	222.5	245.1
0	I2 r2	I2 r2
L0 R8	L0 R10	L0 R14
0	0	0
I2 r2	I4 r4	I8 r8
L0 R12	L0 R18	L0 R22
0	0	0

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UNI LIGHT

THE PRACTICAL ROLLING TOWER FOR WORKING IN CRAMPED CONDITIONS

The Uni Light tower is a compact and lightweight rolling tower for safer and comfortable working wherever you formerly needed a ladder – the standing surface of a full 1.30 m² permits unimpeded movement and the carrying of tools and material. Its low weight and handy dimensions make the Uni Light particularly easy to transport, even in a van.

- Ladder frames of aluminium for push-fit assembly
- Rear guardrails and diagonal braces of aluminium snap in easily
- Work decks with aluminium frame and plywood insert, as a hatch-type deck for risk-free internal access
- Strong castors (permanently fitted) ensure particular stability
- Mobile rigid beam, made of steel, for widening the base with spigots for optional mounting of the ladder frames for work on ceilings or walls

The Uni Light family can also be equipped with stabilizers. Learn more about that on page 72.

TECHNICAL DATA

- Working height: 9.26 m
- Area of working platform: 0.75 x 1.80 m
- Permissible live load: 2 kN / m² (load class 3)


Layher

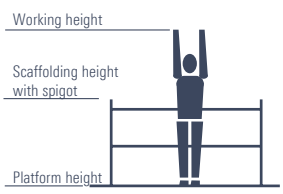
Uni Light P2

Part list

The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	1403201	1403202	1403203	1403204	1403205	1403206	1403207
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
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	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
Uni assembly hook	1300.010	0	1	1	1	1	1	1
Castor 400 - 4 kN	1301.150	4	4	4	4	4	4	4
Mobile beam 1.80 m with bar	1323.180	0	2	2	2	2	2	2
End toe board 0.75 m	1438.075	2	2	2	2	2	2	2
Toe board 1.80 m with claw	1439.180	2	2	2	2	2	2	2
Ballast	1249.000	For requirement see table below						

Conforms to standard DIN EN 1004:2021



The Uni Light family

Tower model	1403201 Uni Light P2	1403202 Uni Light P2	1403203 Uni Light P2
Working height [m]	3.11	4.26	5.26
Tower height [m]	2.34	3.49	4.49
Platform height [m]	1.11	2.26	3.26
Weight [kg] (without ballast)	65.5	134.2	160.8
Ballast (stated in units)			
In closed areas			
Assembly central	l4 r4	0	0
Assembly off-set	X	0	L0 R2
Assembly off-set with wall bracing	X	0	0
Outdoors			
Assembly central	l4 r4	0	0
Assembly off-set	X	0	L0 R4
Assembly off-set with wall bracing	X	0	0

X = not possible / not permissible
0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
Example: l2, r2 → 2 ballast weights of 10 kg each must be fastened to the left-hand side of the ladder frame, and 2 ballast weights of 10 kg each to its right-hand side
L6, R16 → 6 ballast weights of 10 kg each must be fastened to the left-hand side of the mobile beam, and 16 ballast weights of 10 kg each to its right-hand side.
r and R always relate, in the case of off-centre assembly, to that side facing away from the scaffolding; l and L relate to the side facing the scaffolding (see instructions for assembly and use).

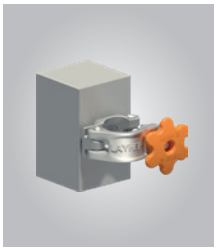
Suitable components

More components and detailed information from page 116.

RT Storage Box,
Ref. No. 1305.030

Castor 400, d=150 mm with polyurethane tyre,
Ref. No. 1303.150

Castor, d=150 mm with spindle 250,
Ref. No. 1300.150



Ballast (10 kg),
Ref. No. 1249.000

Deck diagonal brace,
Ref. No. 1347.250

NEW

1403204 Uni Light P2	**1403205** Uni Light P2	**1403206** Uni Light P2	**1403207** Uni Light P2
6.26	7.26	8.26	9.26
5.49	6.49	7.49	8.49
4.26	5.26	6.26	7.26
182.6	209.2	231.0	257.6
I2 r2	I3 r3	I5 r5	I6 r6
L0 R4	L0 R6	L2 R8	L2 R10
L2 R2	L4 R2	L6 R4	L6 R6
I3 r3	I5 r5	I9 r9	I13 r13
L0 R6	L0 R10	L4 R14	X
L4 R2	L6 R4	L10 R8	X

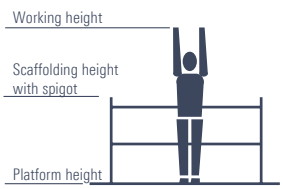
Uni Light with stabilizers

Part list

The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	1403223	1403224	1403225	1403226	1403227
Guardrail 1.80 m	1205.180	10	10	14	14	18
Diagonal brace 2.50 m	1208.180	2	4	4	6	6
Diagonal brace 1.95 m	1208.195	2	0	2	0	2
Access deck 1.80 m	1242.180	2	2	3	3	4
Telescoping stabilizer - 2.60 m	1248.260	4	4	4	4	4
Rotation preventer for stabilizers	1248.261	4	4	4	4	4
Spring clip	1250.000	4	8	8	12	12
Ladder frame 75/4 - 1.00 m	1297.004	0	2	0	2	0
Ladder frame 75/8 - 2.00 m	1297.008	4	4	6	6	8
Uni assembly hook	1300.010	1	1	1	1	1
Castor 400 - 4 kN	1301.150	4	4	4	4	4
End toe board 0.75 m	1438.075	2	2	2	2	2
Toe board 1.80 m with claw	1439.180	2	2	2	2	2
Ballast	1249.000	For requirement see table below				

Conforms to standard DIN EN 1004:2021

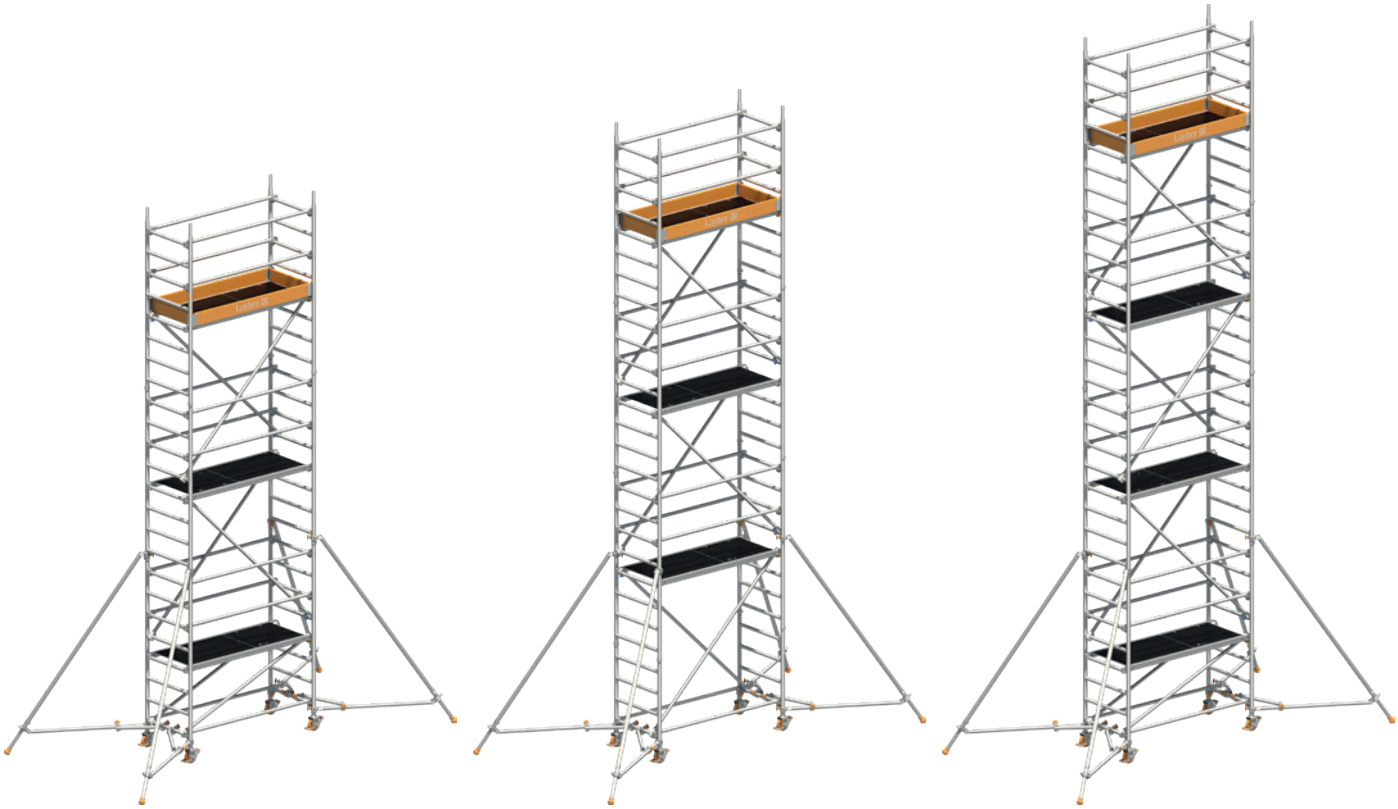


The Uni Light family with stabilizers

Tower model	1403223 Uni Light P2 with stabilizers	1403224 Uni Light P2 with stabilizers
Working height [m]	5.10	6.10
Tower height [m]	4.33	5.33
Platform height [m]	3.10	4.10
Weight [kg] (without ballast)	166.4	177.2
Ballast (stated in units)		
In closed areas		
Assembly central	0	0
Assembly off-set	L0 R4	L0 R8
Assembly off-set with wall bracing	0	0
Outdoors		
Assembly central	0	0
Assembly off-set	L0 R6	L0 R10
Assembly off-set with wall bracing	0	0

X = not possible / not permissible
0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
Example: l2, r2 → 2 ballast weights of 10 kg each must be fastened to the left-hand side of the ladder frame, and 2 ballast weights of 10 kg each to its right-hand side
L6, R16 → 6 ballast weights of 10 kg each must be fastened to the left-hand side of the mobile beam, and 16 ballast weights of 10 kg each to its right-hand side.
r and R always relate, in the case of off-centre assembly, to that side facing away from the scaffolding; l and L relate to the side facing the scaffolding (see instructions for assembly and use).

With the P2 safety structure:
vertical platform clearance of 2 m and integrated, collective side protection. More information on page 54.



1403225 Uni Light P2 with stabilizers	**1403226** Uni Light P2 with stabilizers	**1403227** Uni Light P2 with stabilizers
7.10	8.10	9.10
6.33	7.33	8.33
5.10	6.10	7.10
214.8	225.6	263.2
0	I2 r2	I2 r2
L0 R10	L0 R12	L0 R14
0	0	0
I3 r3	I6 r6	I8 r8
L0 R14	X	X
0	0	I2 r0

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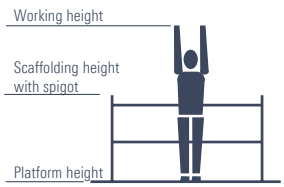
Uni Light

Part list

The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	3201	3202	3203	3204	3205	3206	3207
Guardrail 1.80 m	1205.180	0	6	2	6	8	12	10
Double guardrail 1,80 m	1206.180	2	0	2	0	2	0	2
Diagonal brace 2.50 m	1208.180	0	2	2	4	4	6	6
Horizontal diagonal brace 1.95 m	1209.180	0	0	0	1	1	1	1
Mobile beam 1.80 m without bar	1214.180	0	2	2	2	2	2	2
Access deck 1.80 m	1242.180	1	1	1	1	2	2	2
Spring clip	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	1301.150	4	4	4	4	4	4	4
End toe board 0.75 m	1438.075	0	2	2	2	2	2	2
Toe board 1.80 m with claw	1439.180	0	2	2	2	2	2	2
Ballast	1249.000	For requirement see table below						



The Uni Light family

Tower model	3201 Uni Light	3202 Uni Light	3203 Uni Light
Working height [m]	3.11	4.26	5.26
Tower height [m]	2.34	3.49	4.49
Platform height [m]	1.11	2.26	3.26
Weight [kg] (without ballast)	52.2	110.4	120.6
Ballast (stated in units)			
In closed areas			
Assembly central	l4 r4	0	4
Assembly off-set	X	2	6
Assembly off-set with wall bracing	X	0	4
Outdoors			
Assembly central	l4 r4	0	4
Assembly off-set	X	4	8
Assembly off-set with wall bracing	X	0	4

The products shown (pages 74 and 75) are only standard-compliant by purchasing the retrofit set (page 75) according to DIN EN 1004:2021.

X = not possible / not permissible
0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
Example: l2, r2 → 2 ballast weights of 10 kg each must be fastened to the left-hand side of the ladder frame, and 2 ballast weights of 10 kg each to its right-hand side
L6, R16 → 6 ballast weights of 10 kg each must be fastened to the left-hand side of the mobile beam, and 16 ballast weights of 10 kg each to its right-hand side.
r and R always relate, in the case of off-centre assembly, to that side facing away from the scaffolding; l and L relate to the side facing the scaffolding (see instructions for assembly and use).

Retrofitting table

The rollings can be easily retrofitted to the Safety Structure P2, to conform to the current standards.

Retrofit set	Ref. No.	1400.036	1400.021	1400.022	1400.023	1400.024	1400.025	1400.026
for tower model**		**3201**	**3202**	**3203**	**3204**	**3205**	**3206**	**3207**
Guardrail 1.80 m	1205.180	0	0	3	4	1	2	3
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
Access deck 1.80 m	1242.180	0	0	1	1	1	1	2
Uni assembly hook	1300.010	0	1	1	1	1	1	1
End toe board 0.75 m	1438.075	2	0	0	0	0	0	0
Toe board 1.80 m with claw	1439.180	2	0	0	0	0	0	0

** If there there are already mobile beams 1.80 m (1214.180) and / or double rear guardrails (1206.180) in your inventory, there's no need to replace them. They can still be used.

3204 Uni Light	**3205** Uni Light	**3206** Uni Light	**3207** Uni Light
6.26	7.26	8.26	9.26
5.49	6.49	7.49	8.49
4.26	5.26	6.26	7.26
138.1	177.1	191.1	205.9
8	12	12	16
10	14	12	16
8	10	12	14
10	14	20	26
12	20	20	26
8	10	12	14

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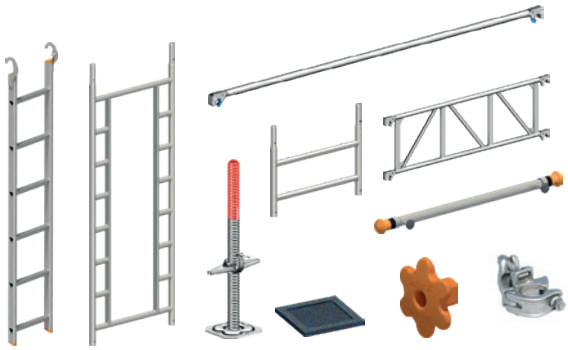
STAIR KIT SOLUTION FOR UNI LIGHT

FOR MORE SAFETY AND FLEXIBILITY

The stair kit for Uni Light permits safer and more flexible use of rolling tower parts in stairwells: it does not require any modification work, since the stair remains accessible despite the scaffolding. By expanding standard scaffolding models with a few individual components, the stair kit offers in combination with Uni Light an economically smarter, swifter and safer solution for working at heights – also as an alternative to rung ladders, which are now only usable to a limited extent due to current occupational safety regulations. After mounting the base on the stair steps, assembling of the required scaffolding levels can be performed with the already proven Safety Structure P2.



		Uni Light stair kit TYPE 1	Uni Light stair kit TYPE 2
Tower model	**Ref. No.**	**1603291**	**1603292**
Beam 1.80 m	1207.180	2	2
Diagonal brace 1.95 m	1208.195	2	2
Suspended ladder for passageway ladder frame	1247.006	0	1
Adjustable base plate 60 with lock	1257.060	4	4
Tele distance tube 1.25 m	1275.001	2	2
Passageway ladder frame 75/8 - 2.00 m	1296.008	1	2
Ladder frame 75/2 - 0.50 m	1297.002	1	1
Rubber underlay for base plate	4000.500	4	4
Double coupler	4700.019	4	4
Hand wheel with bush	6491.422	8	8

THE BENEFITS FOR YOU:

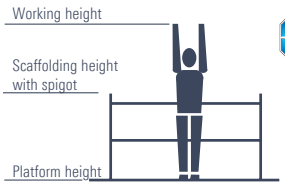
- Use of rolling tower parts in stairwells up to platform height of 5 m
- Passageways to suit the site – complete blocking off of the stair not needed
- Adaptation to stair steps – riser and tread – is possible
- Passageway also as entrance for upward access
- Thanks to the modular principle, many assembly variants are possible

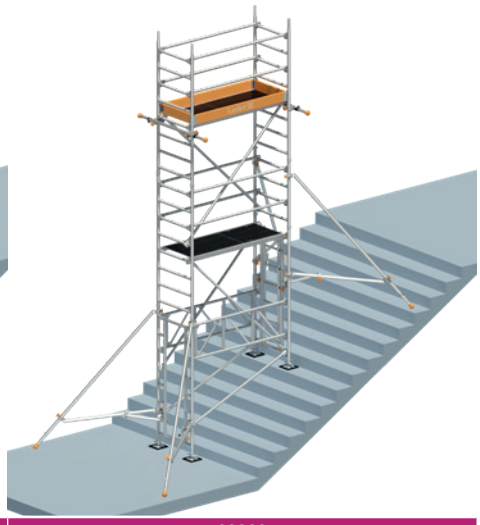
OPTIONAL

Item description	Ref. No.	Stabilizers kit
		1600090
Rotation preventer	1248.261	4
Alu stabilizer, extendable	1248.260	4

UNI LIGHT WITH STAIR KIT

THE COMPLETE KITS WITH STAIR SOLUTION





Tower model	1603293 Uni Light P2	1603295 Uni Light P2
Working height [m]	5.03	7.03
Tower height [m]	4.26	6.26
Platform height [m]	3.03	5.03
Weight [kg] (without ballast)	175.1	223.5
Ballast (stated in units)		
In closed areas		
Assembly central	l6 r6	l12 r12
Structure with restraint between the walls	0	0
Assembly off-set with wall bracing	l6 r0	l14 r0

Part list

Tower model	Ref. No.	1603293	1603295
Guardrail 1.80 m	1205.180	4	8
Beam 1.80 m	1207.180	2	2
Diagonal brace 2.50 m	1208.180	2	4
Diagonal brace 1.95 m	1208.195	2	2
Access deck 1.80 m	1242.180	1	2
Suspended ladder for passageway ladder frame	1247.006	1	1
Telescoping stabilizer - 2.60 m	1248.260	4	4
Rotation preventer for stabilizers	1248.261	4	4
Spring clip	1250.000	4	8
Adjustable base plate 60 with lock	1257.060	4	4
Tele distance tube 1.25 m	1275.001	2	2
Passageway ladder frame 75/8 - 2.00 m	1296.008	2	2
Ladder frame 75/4 - 1.00 m	1297.004	1	1
Ladder frame 75/8 - 2.00 m	1297.008	1	3
Uni assembly hook	1300.010	1	1
End toe board 0.75 m	1438.075	2	2
Toe board 1.80 m with claw	1439.180	2	2
Rubber underlay for base plate	4000.500	4	4
Double coupler	4700.019	4	4
Hand wheel with bush	6491.422	8	8
Ballast	1249.000	For requirement see table above	

UNI COMPACT

THE COMPACT UNIVERSAL TOWER WITH DOUBLE-WIDTH WORKING SURFACE

The universal tower with double-width working surface yet with compact basic dimensions – offering sufficient room for working at heights, even with materials, yet still leaving plenty of freedom to move.

- Ladder frames (1.50 m wide) of aluminium for push-fit assembly
- Rear guardrails and diagonal braces of aluminium snap in easily
- Work decks with aluminium frame and plywood insert, as a hatch-type deck for risk-free internal access
- Sturdy castors with concentric load transmission after locking for particular stability and long steel spindles for levelling
- Base widening with mobile beam made of steel, telescoping for work on ceilings or walls to choice (only needed at working heights of 8.38 m and above)

The Uni Compact family can also be equipped with stabilizers. Learn more about that on page 82.

TECHNICAL DATA

- Working height: 10.38 m
- Area of working platform: 1.50 x 1.80 m
- Permissible live load: 2 kN / m² (load class 3)


Layher

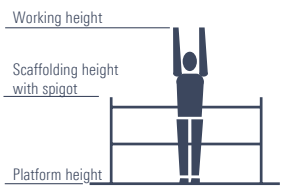
Uni Compact P2

Part list

The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	1405001	1405002	1405003	1405004	1405005	1405006	1405007	1405008
Guardrail 1.80 m	1205.180	0	6	10	10	14	12	17	16
Double guardrail 1,80 m	1206.180	2	0	0	0	0	0	0	0
Diagonal brace 2.50 m	1208.180	0	2	2	4	4	6	6	8
Diagonal brace 1.95 m	1208.195	0	0	2	0	2	0	2	0
Basic tube 1.80 m	1211.180	0	0	0	0	0	1	1	1
Deck 1.80 m	1241.180	1	2	2	3	3	4	4	5
Access deck 1.80 m	1242.180	1	1	2	2	3	3	4	4
Spring clip	1250.000	0	4	4	8	8	16	16	20
Ladder frame 150/4 - 1.00 m	1299.004	0	2	0	2	0	2	0	2
Ladder frame 150/8 - 2.00 m	1299.008	2	2	4	4	6	6	8	8
Uni assembly hook	1300.010	0	1	1	1	1	1	1	1
Mobile beam 3.20 m with bar adj.	1323.320	0	0	0	0	0	2	2	2
Access ledger 0.75 m	1344.003	0	2	1	2	1	0	0	0
Castor 700 - 7 kN	1359.200	4	4	4	4	4	4	4	4
End toe board 1.44 m	1438.144	2	2	2	2	2	2	2	2
Toe board 1.80 m with claw	1439.180	2	2	2	2	2	2	2	2
Ballast	1249.000	For requirement see table below							

Conforms to standard **DIN EN 1004:2021**



The Uni Compact family

Tower model	1405001 Uni Compact P2	1405002 Uni Compact P2	1405003 Uni Compact P2	1405004 Uni Compact P2
Working height [m]	3.20	4.20	5.20	6.20
Tower height [m]	2.43	3.43	4.43	5.43
Platform height [m]	1.20	2.20	3.20	4.20
Weight [kg] (without ballast)	108.3	152.4	191.9	223.9
Ballast (stated in units)				
In closed areas				
Assembly central*	0	l1 r1	l1 r1	l4 r4
Assembly off-set	X	X	X	X
Assembly off-set with wall bracing	0	l2 r0	l2 r0	l4 r0
Outdoors				
Assembly central*	0	l1 r1	l3 r3	l7 r7
Assembly off-set	X	X	X	X
Assembly off-set with wall bracing	0	l2 r0	l4 r0	l10 r4

* Assembly with adjustable mobile beam, which must be fully extended.
X = not possible / not permissible
0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
Example: l2, r2 → 2 ballast weights of 10 kg each must be fastened to the left-hand side of the ladder frame, and 2 ballast weights of 10 kg each to its right-hand side
L6, R16 → 6 ballast weights of 10 kg each must be fastened to the left-hand side of the mobile beam, and 16 ballast weights of 10 kg each to its right-hand side.
r and R always relate, in the case of off-centre assembly, to that side facing away from the scaffolding; l and L relate to the side facing the scaffolding (see instructions for assembly and use).

Suitable components

More components and detailed information from page 116.

RT Storage Box,
Ref. No. 1305.030

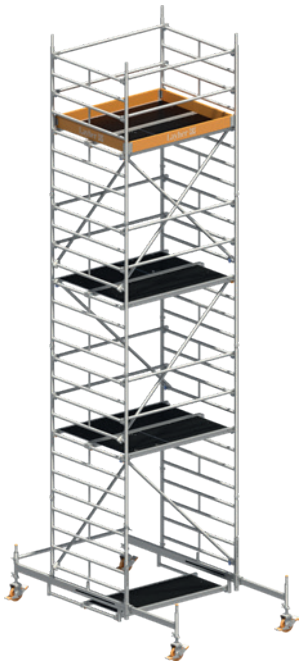
Castor 700, with polyurethane tyre,
Ref. No. 1358.200

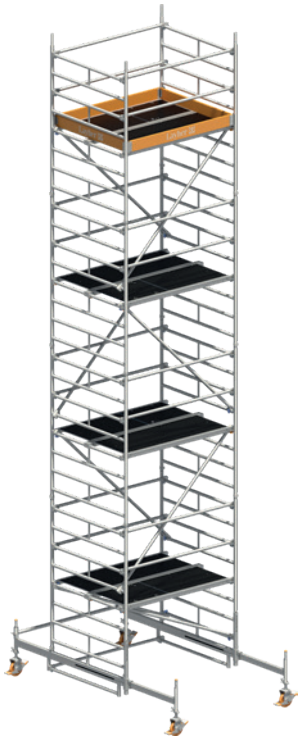
Ballast (10 kg),
Ref. No. 1249.000

Deck diagonal brace,
Ref. No. 1347.250

Uni distance tube,
Ref. No. 1275.180

NEW





1405005 Uni Compact P2	1405006 Uni Compact P2	1405007 Uni Compact P2	1405008 Uni Compact P2
7.20	8.38	9.38	10.38
6.43	7.61	8.61	9.61
5.20	6.38	7.38	8.38
263.4	377.3	442.5	448.8
I4 r4	0	0	I1 r1
X	0	0	I1 r1
I4 r0	0	0	I1 r1
I11 r11	I13 r13	I17 r17	X
X	I13 r13	I17 r17	X
I14 r4	I13 r13	I17 r17	X

All dimensions and weights are guideline values. Subject to technical modification. Our deliveries shall be made exclusively in accordance with our currently valid General Terms of Sale. Title to the delivered goods shall be retained until full payment has been made. When purchasing, you receive instructions for assembly and use that must be followed without fail or assembly, dismantling and use.

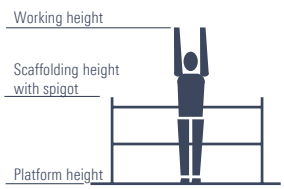
Uni Compact with stabilizers

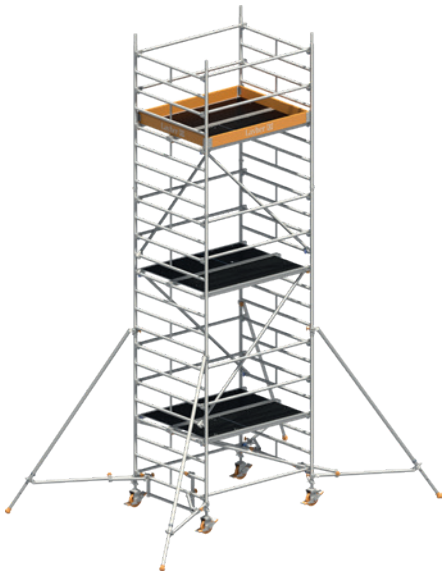
Part list

The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	1405024	1405025	1405026	1405027	1405028
Guardrail 1.80 m	1205.180	10	14	14	18	18
Diagonal brace 2.50 m	1208.180	4	4	6	6	8
Diagonal brace 1.95 m	1208.195	0	2	0	2	0
Deck 1.80 m	1241.180	2	3	3	4	4
Access deck 1.80 m	1242.180	2	3	3	4	4
Telescoping stabilizer - 2.60 m	1248.260	4	4	4	4	4
Rotation preventer for stabilizers	1248.261	4	4	4	4	4
Spring clip	1250.000	8	8	12	12	16
Ladder frame 150/4 - 1.00 m	1299.004	2	0	2	0	2
Ladder frame 150/8 - 2.00 m	1299.008	4	6	6	8	8
Uni assembly hook	1300.010	1	1	1	1	1
Access ledger 0.75 m	1344.003	1	1	1	1	1
Castor 700 - 7 kN	1359.200	4	4	4	4	4
End toe board 1.44 m	1438.144	2	2	2	2	2
Toe board 1.80 m with claw	1439.180	2	2	2	2	2
Ballast	1249.000	For requirement see table below				

Conforms to standard DIN EN 1004:2021



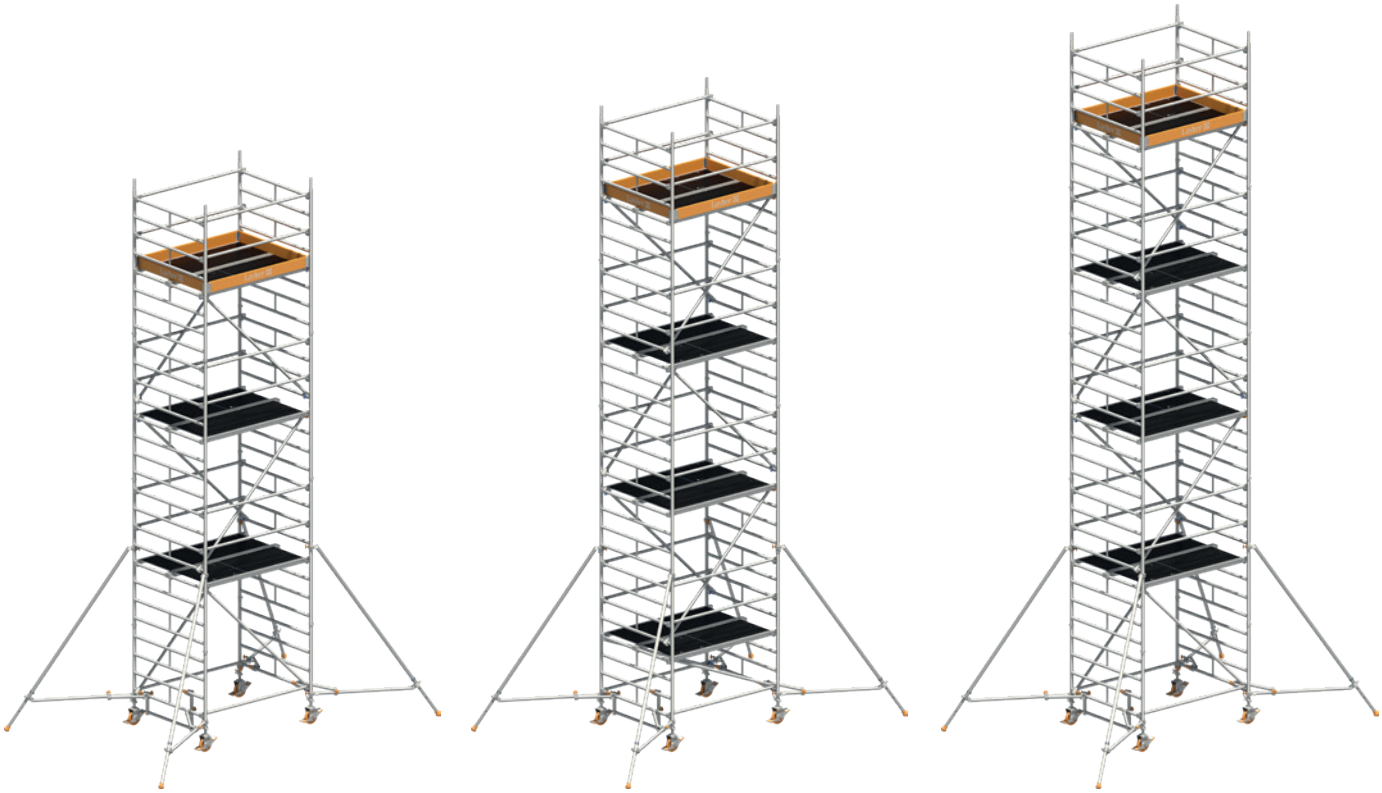


The Uni Compact family with stabilizers

Tower model	1405024 Uni Compact P2 with stabilizers	1405025 Uni Compact P2 with stabilizers
Working height [m]	6.20	7.20
Tower height [m]	5.43	6.43
Platform height [m]	4.20	5.20
Weight [kg] (without ballast)	252.5	308.6
Ballast (stated in units)		
In closed areas		
Assembly central	0	0
Assembly off-set	L0 R2	L0 R2
Assembly off-set with wall bracing	0	0
Outdoors		
Assembly central	l2 r2	l4 r4
Assembly off-set	L0 R4	L0 R6
Assembly off-set with wall bracing	0	0

X = not possible / not permissible
0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
Example: l2, r2 → 2 ballast weights of 10 kg each must be fastened to the left-hand side of the ladder frame, and 2 ballast weights of 10 kg each to its right-hand side
L6, R16 → 6 ballast weights of 10 kg each must be fastened to the left-hand side of the mobile beam, and 16 ballast weights of 10 kg each to its right-hand side.
r and R always relate, in the case of off-centre assembly, to that side facing away from the scaffolding; l and L relate to the side facing the scaffolding (see instructions for assembly and use).

With the P2 safety structure:
vertical platform clearance of 2 m and integrated, collective side protection. More information on page 54.



1405026 Uni Compact P2 with stabilizers	**1405027** Uni Compact P2 with stabilizers	**1405028** Uni Compact P2 with stabilizers
8.20	9.20	10.20
7.43	8.43	9.43
6.20	7.20	8.20
324.0	380.1	395.5
0	0	0
L0 R4	L0 R4	L0 R6
0	0	0
I9 r9	I12 r12	X
L0 R10	L0 R14	X
0	0	X

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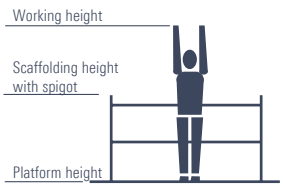
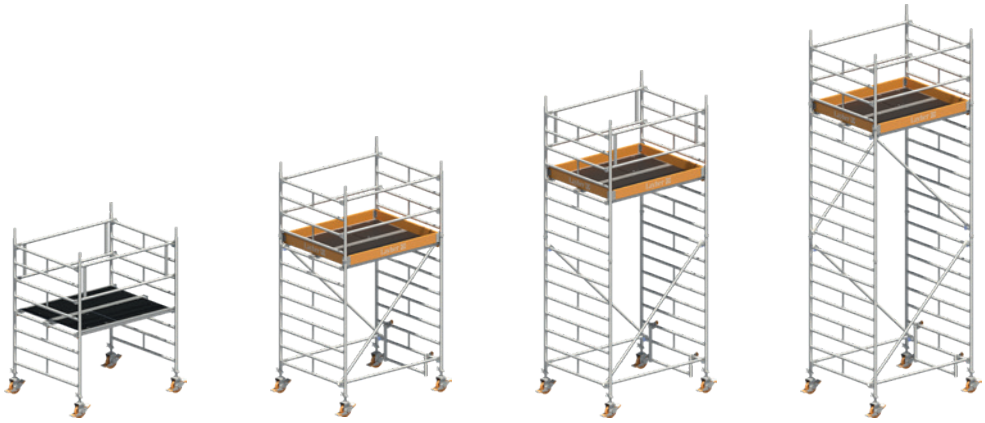
Uni Compact

Part list

The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	5001	5002	5003	5004	5005	5006	5007	5008
Guardrail 1.80 m	1205.180	0	6	2	6	8	9	9	11
Double guardrail 1,80 m	1206.180	2	0	2	0	2	0	2	0
Diagonal brace 2.50 m	1208.180	0	2	2	4	4	6	6	8
Deck 1.80 m	1241.180	1	1	1	1	2	2	2	2
Access deck 1.80 m	1242.180	1	1	1	1	2	2	2	2
Spring clip	1250.000	0	4	4	8	8	16	16	20
Ladder frame 150/4 - 1.00 m	1299.004	0	2	0	2	0	2	0	2
Ladder frame 150/8 - 2.00 m	1299.008	2	2	4	4	6	6	8	8
Mobile beam 3.20 m with bar adj.	1323.320	0	0	0	0	0	2	2	2
Base strut 1.80 m	1324.180	0	0	0	0	0	1	1	1
Access ledger 0.75 m	1344.003	0	1	1	1	1	0	0	0
Castor 700 - 7 kN	1359.200	4	4	4	4	4	4	4	4
End toe board 1.44 m	1438.144	0	2	2	2	2	2	2	2
Toe board 1.80 m with claw	1439.180	0	2	2	2	2	2	2	2
Ballast	1249.000	For requirement see table below							





The Uni Compact family

Tower model	5001 Uni Compact	5002 Uni Compact	5003 Uni Compact	5004 Uni Compact
Working height [m]	3.20	4.20	5.20	6.20
Tower height [m]	2.43	3.43	4.43	5.43
Platform height [m]	1.20	2.20	3.20	4.20
Weight [kg] (without ballast)	92.2	134.6	150.0	168.6
Ballast (stated in units)				
In closed areas				
Assembly central**	0	0	4	8
Assembly off-set	X	X	X	X
Assembly off-set with wall bracing	0	X	X	X
Outdoors				
Assembly central**	0	0	6	14
Assembly off-set	X	X	X	X
Assembly off-set with wall bracing	0	X	X	X

The products shown (pages 84 and 85) are only standard-compliant by purchasing the retrofit set (page 85) according to DIN EN 1004:2021.

** Assembly with adjustable mobile beam, which must be fully extended.
X = not possible / not permissible
0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
Example: l2, r2 → 2 ballast weights of 10 kg each must be fastened to the left-hand side of the ladder frame, and 2 ballast weights of 10 kg each to its right-hand side
L6, R16 → 6 ballast weights of 10 kg each must be fastened to the left-hand side of the mobile beam, and 16 ballast weights of 10 kg each to its right-hand side.
r and R always relate, in the case of off-centre assembly, to that side facing away from the scaffolding; l and L relate to the side facing the scaffolding (see instructions for assembly and use).

Retrofitting table

The rollings can be easily retrofitted to the Safety Structure P2, to conform to the current standards.

Retrofit set	Ref. No.	1400037	1400027	1400028	1400029	1400030	1400031	1400032	1400033
for tower model		**5001*** **	**5002**	**5003*** **	**5004**	**5005*** **	**5006*** **	**5007*** **	**5008*** **
Guardrail 1.80 m	1205.180	0	0	4	4	2	3	4	5
Diagonal brace 1.95 m	1208.195	0	0	2	0	2	0	2	0
Deck 1.80 m	1241.180	0	1	1	2	1	2	2	3
Access deck 1.80 m	1242.180	0	0	1	1	1	1	2	2
Uni assembly hook	1300.010	0	1	1	1	1	1	1	1
Access ledger 0.75 m	1344.003	0	1	0	1	0	0	0	0
End toe board 1.44 m	1438.144	2	0	0	0	0	0	0	0
Toe board 1.80 m with claw	1439.180	2	0	0	0	0	0	0	0

*** If there there are already mobile beams 1.80 m (1214.180) and / or double rear guardrails (1206.180) in your inventory, there's no need to replace them. They can still be used.

5005 Uni Compact	**5006** Uni Compact	**5007** Uni Compact	**5008** Uni Compact
7.20	8.38	9.38	10.38
6.43	7.61	8.61	9.61
5.20	6.38	7.38	8.38
226.1	326.1	350.7	364.7
8	0	4	6
X	0	4	8
X	0	4	8
20	24	36	X
X	24	36	X
X	24	36	X

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UNI STANDARD

THE MOST FLEXIBLE ROLLING TOWER FOR VERY GREAT HEIGHTS

For work on walls and ceilings, on machinery, in technical plant, factories and warehouses, indoors and outdoors.

- Ladder frames of aluminium for push-fit assembly
- Rear guardrails and diagonal braces of aluminium snap in easily
- Work decks with aluminium frame and plywood insert, as a hatch-type deck for risk-free internal access
- Sturdy castors with concentric load transmission after locking for particular stability, long steel spindles for levelling
- Base widening with mobile beam made of steel, rigid or telescopic, with spigots for optional mounting of ladder frames for work on ceilings and walls

The Uni Standard family can also be equipped with stabilizers. Learn more about that on page 90.

TECHNICAL DATA

- Working height: 13.38 m
- Area of working platform: 0.75 x 2.85 m
- Permissible live load: 2 kN / m² (load class 3)

Convenient access

For even more safety and even more convenient access, the Uni Standard P2 can also be supplied with suspended ladders with wide steps.

For requirement see page 88.


Layher
PFEIFER

Part list

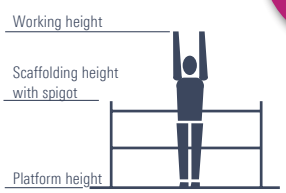
The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	1401101	1401102	1401103	1401104	1401105	1401106	1401107	1401108	1401109	1401110	1401111
Guardrail 2.85 m	1205.285	0	4	9	8	13	12	17	16	21	20	25
Double guardrail 2.85 m	1206.285	2	0	0	0	0	0	0	0	0	0	0
Diagonal brace 3.35 m	1208.285	0	2	2	4	4	6	6	8	8	10	10
Diagonal brace 2.95 m	1208.295	0	0	2	0	2	0	2	0	2	0	2
Basic tube 2.85 m	1211.285	0	1	1	1	1	1	1	1	1	1	1
Deck 2.85 m	1241.285	0	1	0	1	0	1	0	1	0	1	0
Access deck 2.85 m	1242.285	1	1	2	2	3	3	4	4	5	5	6
Spring clip	1250.000	0	8	8	12	12	16	16	20	20	24	24
Ladder frame 75/4 - 1.00 m	1297.004	0	2	0	2	0	2	0	2	0	2	0
Ladder frame 75/8 - 2.00 m	1297.008	2	2	4	4	6	6	8	8	10	10	12
Uni assembly hook	1300.010	0	1	1	1	1	1	1	1	1	1	1
Mobile beam 1.80 m with bar	1323.180	0	2	2	2	2	2	0	0	0	0	0
Mobile beam 3.20 m with bar adj.	1323.320	0	0	0	0	0	0	2	2	2	2	2
Castor 700 - 7 kN	1359.200	4	4	4	4	4	4	4	4	4	4	4
End toe board 0.75 m	1438.075	2	2	2	2	2	2	2	2	2	2	2
Toe board 2.85 m with claw	1439.285	2	2	2	2	2	2	2	2	2	2	2
Ballast	1249.000	For requirement see table below										

Extra requirement for suspended step ladders – usable for Safety Structure P2

Tower model	Ref. No.	1401101	1401102	1401103	1401104	1401105	1401106	1401107	1401108	1401109	1401110	1401111
Suspended ladder, 8 rungs	1314.108	0	1	1	2	2	3	3	4	4	5	5
Ladder support set for 1314.108	1314.109	0	1	0	1	0	1	0	1	0	1	0

Conforms to standard DIN EN 1004:2021



The Uni Standard family

Tower model	1401101 Uni Standard P2	1401102 Uni Standard P2	1401103 Uni Standard P2	1401104 Uni Standard P2	1401105 Uni Standard P2
Working height [m]	3.20	4.35	5.35	6.35	7.35
Tower height [m]	2.43	3.58	4.58	5.58	6.58
Platform height [m]	1.20	2.35	3.35	4.35	5.35
Weight [kg] (without ballast)	96.4	180.2	215.1	242.0	276.9
Ballast (stated in units)					
In closed areas					
Assembly central*	l2 r2	0	0	0	0
Assembly off-set	X	0	0	L0 R4	L0 R4
Assembly off-set with wall bracing	X	0	0	0	0
Assembly central with 1 bracket*	X	0	0	L0 R2	L0 R4
Assembly central with 2 brackets*	X	0	0	0	0
Outdoors					
Assembly central*	l2 r2	0	l1 r1	l5 r5	l9 r9
Assembly off-set	X	L0 R2	L0 R6	L0 R10	L4 R16
Assembly off-set with wall bracing	X	0	0	0	L4 R0
Assembly central with 1 bracket*	X	L0 R4	L0 R8	L2 R12	L6 R16
Assembly central with 2 brackets*	X	l2 r2	l5 r5	l8 r8	X

* Assembly with adjustable mobile beam, which must be fully extended.
X = not possible / not permissible
0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
Example: l2, r2 → 2 ballast weights of 10 kg each must be fastened to the left-hand side of the ladder frame, and 2 ballast weights of 10 kg each to its right-hand side
L6, R16 → 6 ballast weights of 10 kg each must be fastened to the left-hand side of the mobile beam, and 16 ballast weights of 10 kg each to its right-hand side.
r and R always relate, in the case of off-centre assembly, to that side facing away from the scaffolding; l and L relate to the side facing the scaffolding (see instructions for assembly and use).

Suitable components

More components and detailed information from page 116.

RT Storage Box,
Ref. No. 1305.030

Console bracket,
Ref. No. 1341.075

Castor 700, with polyurethane tyre,
Ref. No. 1358.200

Ballast (10 kg),
Ref. No. 1249.000

Deck diagonal brace,
Ref. No. 1347.335

NEW

1401106 Uni Standard P2	1401107 Uni Standard P2	1401108 Uni Standard P2	1401109 Uni Standard P2	1401110 Uni Standard P2	1401111 Uni Standard P2
8.35	9.38	10.38	11.38	12.38	13.38
7.58	8.61	9.61	10.61	11.61	12.61
6.35	7.38	8.38	9.38	10.38	11.38
303.8	389.9	418.0	452.9	479.8	514.7
0	0	0	0	0	0
L0 R6	L0 R4	L0 R6	L0 R6	L0 R8	L0 R10
0	0	0	0	0	0
L0 R6	0	0	0	0	0
0	0	0	0	0	0
I15 r15	I2 r2	X	X	X	X
L10 R22	L0 R18	X	X	X	X
L10 R0	0	X	X	X	X
L12 R22	X	X	X	X	X
X	X	X	X	X	X

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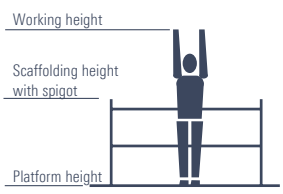
Uni Standard with stabilizers

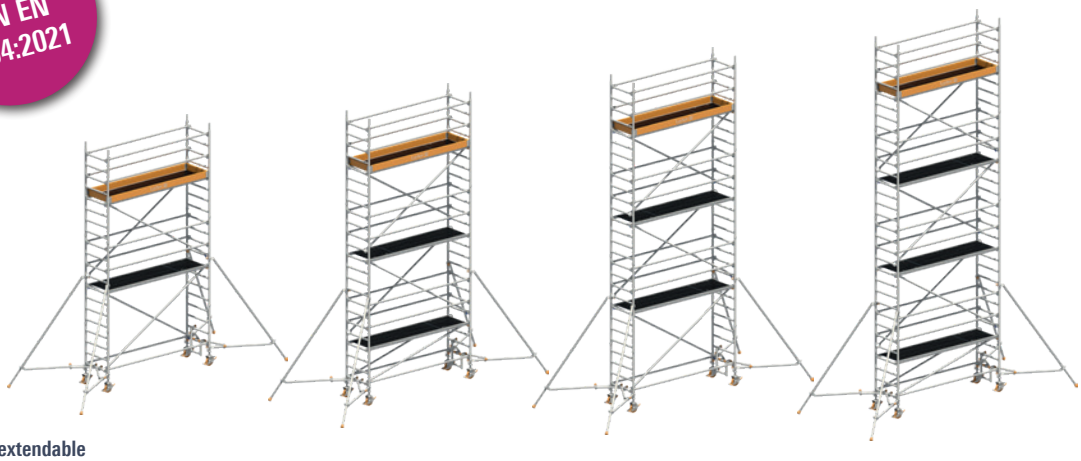
Part list

The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	1401124	1401125	1401126	1401127	1401128	1401129	1401130	1401131	1401145	1401146	1401147	1401148	1401149	1401150	1401151
Guardrail 2.85 m	1205.285	10	14	14	18	18	22	22	26	14	14	18	18	22	22	26
Diagonal brace 3.35 m	1208.285	4	4	6	6	8	8	10	10	4	6	6	8	8	10	10
Diagonal brace 2.95 m	1208.295	0	2	0	2	0	2	0	2	2	0	2	0	2	0	2
Access deck 2.85 m	1242.285	2	3	3	4	4	5	5	6	3	3	4	4	5	5	6
Telescoping stabilizer - 2.60 m	1248.260	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0
Rotation preventer for stabilizers	1248.261	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Stabilizer 5 m	1248.500	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4
Spring clip	1250.000	8	8	12	12	16	16	20	20	8	12	12	16	16	20	20
Ladder frame 75/4 - 1.00 m	1297.004	2	0	2	0	2	0	2	0	0	2	0	2	0	2	0
Ladder frame 75/8 - 2.00 m	1297.008	4	6	6	8	8	10	10	12	6	6	8	8	10	10	12
Uni assembly hook	1300.010	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Access ledger 0.30 m	1344.002	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Castor 700 - 7 kN	1359.200	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
End toe board 0.75 m	1438.075	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Toe board 2.85 m with claw	1439.285	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Ballast	1249.000	For requirement see table below														

Conforms to standard DIN EN 1004:2021





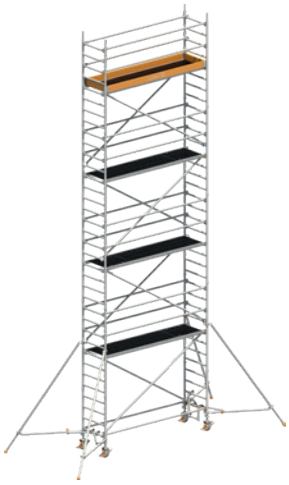
The Uni Standard family with stabilizers, extendable

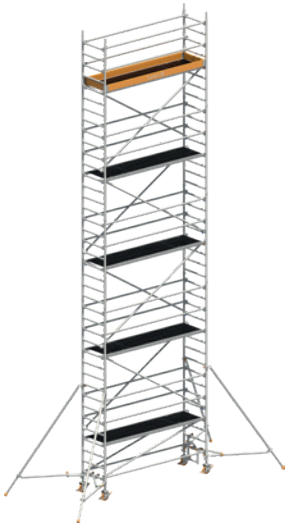
Tower model	1401124 Uni Standard P2 with stabilizers	1401125 Uni Standard P2 with stabilizers	1401126 Uni Standard P2 with stabilizers	1401127 Uni Standard P2 with stabilizers
Working height [m]	6.20	7.20	8.20	9.20
Tower height [m]	5.43	6.43	7.43	8.43
Platform height [m]	4.20	5.20	6.20	7.20
Weight [kg] (without ballast)	232.1	283.4	293.9	345.2
Ballast (stated in units)				
In closed areas				
Assembly central	0	0	0	0
Assembly off-set	L0 R6	L0 R8	L0 12R	L0 R12
Assembly off-set with wall bracing	0	0	0	0
Outdoors				
Assembly central	0	0	0	0
Assembly off-set	L0 R16	L0 R20	L0 R28	L0 R34
Assembly off-set with wall bracing	0	0	0	0

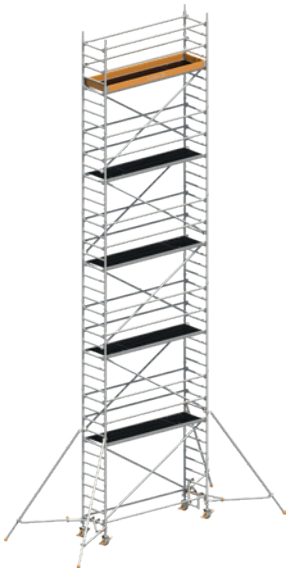
X = not possible / not permissible
0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
Example: l2, r2 → 2 ballast weights of 10 kg each must be fastened to the left-hand side of the ladder frame, and 2 ballast weights of 10 kg each to its right-hand side
L6, R16 → 6 ballast weights of 10 kg each must be fastened to the left-hand side of the mobile beam, and 16 ballast weights of 10 kg each to its right-hand side.
r and R always relate, in the case of off-centre assembly, to that side facing away from the scaffolding; l and L relate to the side facing the scaffolding (see instructions for assembly and use).

The Uni Standard family with stabilizers – 5 m (without illustration)

Tower model	**1401145** Uni Standard P2 with stabilizers - 5 m	**1401146** Uni Standard P2 with stabilizers - 5 m	**1401147** Uni Standard P2 with stabilizers - 5 m	**1401148** Uni Standard P2 with stabilizers - 5 m	**1401149** Uni Standard P2 with stabilizers - 5 m	**1401150** Uni Standard P2 with stabilizers - 5 m	**1401151** Uni Standard P2 with stabilizers - 5 m
Working height [m]	7.20	8.20	9.20	10.20	11.20	12.20	13.20
Tower height [m]	6.43	7.43	8.43	9.43	10.43	11.43	12.43
Platform height [m]	5.20	6.20	7.20	8.20	9.20	10.20	11.20
Weight [kg] (without ballast)	309.0	319.5	370.8	381.3	432.6	443.1	494.4
Ballast (stated in units)							
In closed areas							
Assembly central	0	0	0	0	0	0	0
Assembly off-set	L0 R6	L0 R8	L0 R8	L0 R10	L0 R12	L0 R14	L0 R14
Assembly off-set with wall bracing	0	0	0	0	0	0	0
Outdoors							
Assembly central	0	0	0	X	X	X	X
Assembly off-set	L0 R16	L0 R20	X	X	X	X	X
Assembly off-set with wall bracing	0	0	0	X	X	X	X







1401128 Uni Standard P2 with stabilizers	**1401129** Uni Standard P2 with stabilizers	**1401130** Uni Standard P2 with stabilizers	**1401131** Uni Standard P2 with stabilizers
10.20	11.20	12.20	13.20
9.43	10.43	11.43	12.43
8.20	9.20	10.20	11.20
355.7	407.0	417.5	216.3
0	0	0	0
L0 R16	L0 R18	L0 R20	L0 R22
0	0	0	0
X	X	X	X
X	X	X	X
X	X	X	X

All dimensions and weights are guideline values. Subject to technical modification. Our deliveries shall be made exclusively in accordance with our currently valid General Terms of Sale. Title to the delivered goods shall be retained until full payment has been made. When purchasing, you receive instructions for assembly and use that must be followed without fail or assembly, dismantling and use.

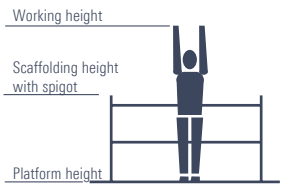
With the P2 safety structure: vertical platform clearance of 2 m and integrated, collective side protection. More information on page 54.

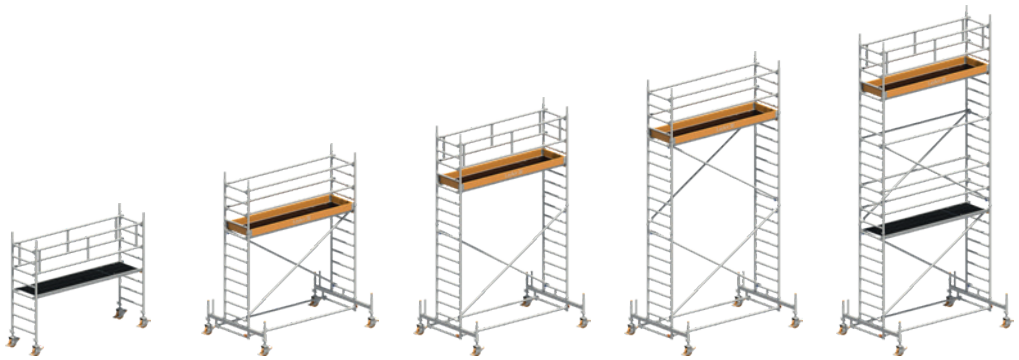
Uni Standard

Part list

The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111
Guardrail 2.85 m	1205.285	0	5	1	5	7	9	9	11	13	15	15
Double guardrail 2.85 m	1206.285	2	0	2	0	2	0	2	0	2	0	2
Diagonal brace 3.35 m	1208.285	0	2	2	4	4	6	6	8	8	10	10
Access deck 2.85 m	1242.285	1	1	1	1	2	2	2	2	3	3	3
Spring clip	1250.000	0	8	8	12	12	16	16	20	20	24	24
Ladder frame 75/4 - 1.00 m	1297.004	0	2	0	2	0	2	0	2	0	2	0
Ladder frame 75/8 - 2.00 m	1297.008	2	2	4	4	6	6	8	8	10	10	12
Mobile beam 1.80 m with bar	1323.180	0	2	2	2	2	2	0	0	0	0	0
Mobile beam 3.20 m with bar adj.	1323.320	0	0	0	0	0	0	2	2	2	2	2
Base strut 2.85 m	1324.285	0	1	1	1	1	1	1	1	1	1	1
Castor 700 - 7 kN	1359.200	4	4	4	4	4	4	4	4	4	4	4
End toe board 0.75 m	1438.075	0	2	2	2	2	2	2	2	2	2	2
Toe board 2.85 m with claw	1439.285	0	2	2	2	2	2	2	2	2	2	2
Ballast	1249.000	For requirement see table below										





The Uni Standard family

Tower model	1101 Uni Standard	1102 Uni Standard	1103 Uni Standard	1104 Uni Standard	1105 Uni Standard
Working height [m]	3.20	4.35	5.35	6.35	7.35
Tower height [m]	2.43	3.58	4.58	5.58	6.58
Platform height [m]	1.20	2.35	3.35	4.35	5.35
Weight [kg] (without ballast)	81.8	161.0	170.4	186.8	239.4
Ballast (stated in units)					
In closed areas					
Assembly central**	I2 r2	0	0	0	0
Assembly off-set	X	0	I0 r2	I0 r4	I0 r5
Assembly off-set with wall bracing	X	0	0	0	0
Assembly central with 1 bracket**	X	0	L0 R8	L0 R4	L0 R4
Assembly central with 2 brackets**	X	0	0	0	0
Outdoors					
Assembly central**	I2 r2	0	I0 r1	I4 r4	I9 r9
Assembly off-set	X	0	I0 r5	I0 r9	I2 r14
Assembly off-set with wall bracing	X	0	0	0	I2 r0
Assembly central with 1 bracket**	X	L0 R4	L0 R8	L2 R12	L6 R16
Assembly central with 2 brackets**	X	X	X	X	X

The products shown (pages 92 and 93) are only standard-compliant by purchasing the retrofit set (page 93) according to DIN EN 1004:2021.

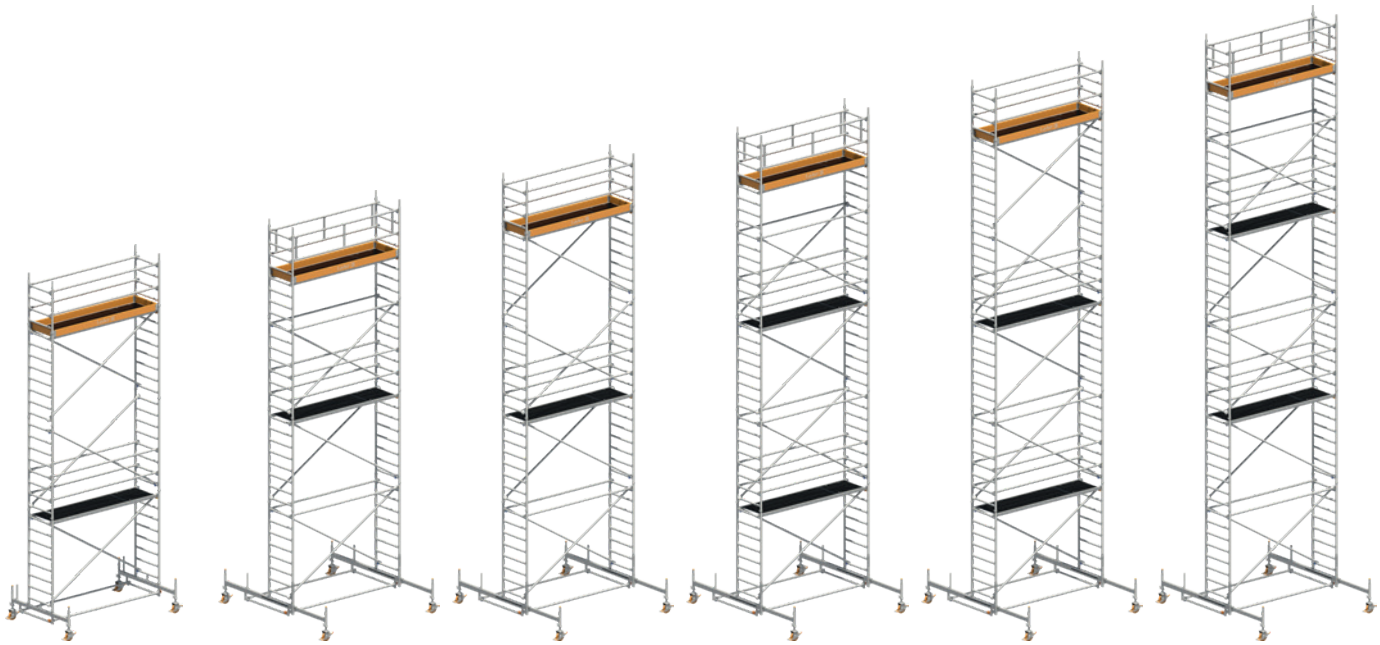
** Assembly with adjustable mobile beam, which must be fully extended.
X = not possible / not permissible 0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
Example: I2, r2 → 2 ballast weights of 10 kg each must be fastened to the left-hand side of the ladder frame, and 2 ballast weights of 10 kg each to its right-hand side
L6, R16 → 6 ballast weights of 10 kg each must be fastened to the left-hand side of the mobile beam, and 16 ballast weights of 10 kg each to its right-hand side.
r and R always relate, in the case of off-centre assembly, to that side facing away from the scaffolding; I and L relate to the side facing the scaffolding (see instructions for assembly and use).

Retrofitting table

The rollings can be easily retrofitted to the Safety Structure P2, to conform to the current standards.

Retrofit set	Ref. No.	1400038	1400001	1400002	1400003	1400004	1400005	1400006	1400007	1400008	1400009	1400010
for tower model* **		**1101**	**1102**	**1103**	**1104**	**1105**	**1106**	**1107**	**1108**	**1109**	**1110**	**1111**
Guardrail 2.85 m	1205.285	0	0	4	3	2	3	4	5	4	5	6
Diagonal brace 2.95 m	1208.295	0	0	2	0	2	0	2	0	2	0	2
Deck 2.85 m	1241.285	0	1	0	1	0	1	0	1	0	1	0
Access deck 2.85 m	1242.285	0	0	1	1	1	1	2	2	2	2	3
Uni assembly hook	1300.010	0	1	1	1	1	1	1	1	1	1	1
End toe board 0.75 m	1438.075	2	0	0	0	0	0	0	0	0	0	0
Toe board 2.85 m with claw	1439.285	2	0	0	0	0	0	0	0	0	0	0

If there there are already mobile beams 1.80 m (1214.180) and / or double rear guardrails (1206.180) in your inventory, there's no need to replace them. They can still be used.

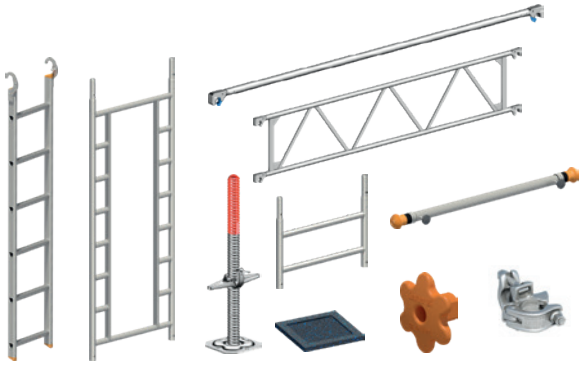


1106 Uni Standard	**1107** Uni Standard	**1108** Uni Standard	**1109** Uni Standard	**1110** Uni Standard	**1111** Uni Standard
8.35	9.38	10.38	11.38	12.38	13.38
7.58	8.61	9.61	10.61	11.61	12.61
6.35	7.38	8.38	9.38	10.38	11.38
248.6	323.6	332.8	385.4	394.6	418.4
I2 r2	0	0	0	0	0
I0 r8	L0 R6	L0 R8	L0 R9	L0 R10	L0 R12
0	0	0	0	0	0
L0 R8	0	0	0	0	0
I2 r2	0	0	0	X	X
I12 r13	L1 R1	X	X	X	X
I6 r18	L0 R17	X	X	X	X
I6 r0	L1 R0	X	X	X	X
L10 R20	0	0	0	X	X
X	X	X	X	X	X

STAIR KIT SOLUTION FOR UNI STANDARD

FOR MORE SAFETY AND FLEXIBILITY

The stair kit for Uni Standard permits safer and more flexible use of rolling tower parts in stairwells: it does not require any modification work, since the stair remains accessible despite the scaffolding. By expanding standard scaffolding models with a few individual components, the stair kit offers in combination with Uni Standard an economically smarter, swifter and safer solution for working at heights – also as an alternative to rung ladders, which are now only usable to a limited extent due to current occupational safety regulations. After mounting the base on the stair steps, assembling of the required scaffolding levels can be performed with the already proven Safety Structure P2.



		Uni Standard stair kit TYPE 1	Uni Standard stair kit TYPE 2
Tower model	**Ref. No.**	**1601191**	**1601192**
Beam 2.85 m	1207.285	2	2
Diagonal brace 2.95 m	1208.295	2	2
Suspended ladder for passageway ladder frame	1247.006	0	1
Adjustable base plate 60 with lock	1257.060	4	4
Tele distance tube 1.25 m	1275.001	2	2
Passageway ladder frame 75/8 - 2.00 m	1296.008	1	2
Ladder frame 75/2 - 0.50 m	1297.002	1	1
Rubber underlay for base plate	4000.500	4	4
Double coupler	4700.019	4	4
Hand wheel with bush	6491.422	8	8

THE BENEFITS FOR YOU:

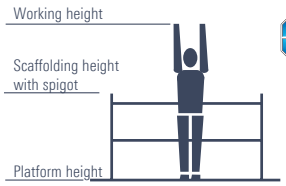
- Use of rolling tower parts in stairwells up to platform height of 6 m
- Passageways to suit the site – complete blocking off of the stair not needed
- Adaptation to stair steps – riser and tread – is possible
- Passageway also as entrance for upward access
- Thanks to the modular principle, many assembly variants are possible

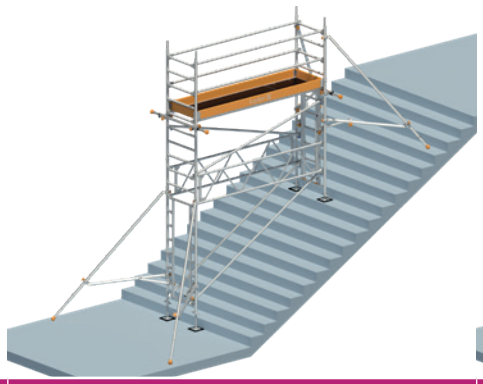
OPTIONAL

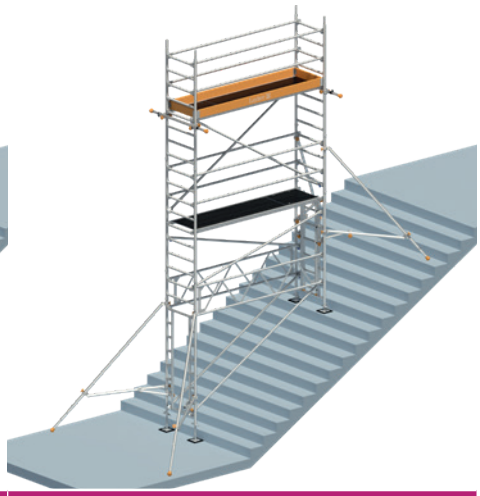
Item description	Ref. No.	Stabilizers kit
		1600090
Rotation preventer	1248.261	4
Alu stabilizer, extendable	1248.260	4

UNI STANDARD WITH STAIR KIT

THE COMPLETE KITS WITH STAIR SOLUTION







Tower model	1601193 Uni Standard P2	1601195 Uni Standard P2
Working height [m]	5.73	7.73
Tower height [m]	4.96	6.96
Platform height [m]	3.73	5.73
Weight [kg] (without ballast)	199.8	261.6
Ballast (stated in units)		
In closed areas		
Assembly central	l6 r6	l10 r10
Structure with restraint between the walls	0	0
Assembly off-set with wall bracing	l6 r0	l12 r0

Part list

Tower model	Ref. No.	1601193	1601195
Guardrail 2.85 m	1205.285	4	8
Beam 2.85 m	1207.285	2	2
Diagonal brace 3.35 m	1208.285	2	4
Diagonal brace 2.95 m	1208.295	2	2
Access deck 2.85 m	1242.285	1	2
Suspended ladder for passageway ladder frame	1247.006	1	1
Telescoping stabilizer - 2.60 m	1248.260	4	4
Rotation preventer for stabilizers	1248.261	4	4
Spring clip	1250.000	6	10
Adjustable base plate 60 with lock	1257.060	4	4
Tele distance tube 1.25 m	1275.001	2	2
Passageway ladder frame 75/8 - 2.00 m	1296.008	2	2
Ladder frame 75/2 - 0.50 m	1297.002	1	1
Ladder frame 75/4 - 1.00 m	1297.004	1	1
Ladder frame 75/8 - 2.00 m	1297.008	1	3
Uni assembly hook	1300.010	1	1
End toe board 0.75 m	1438.075	2	2
Toe board 2.85 m with claw	1439.285	2	2
Rubber underlay for base plate	4000.500	4	4
Double coupler	4700.019	4	4
Hand wheel with bush	6491.422	8	8
Ballast	1249.000	For requirement see table above	

UNI WIDE

THE UNIVERSAL TOWER WITH DOUBLE-WIDTH WORKING SURFACE

The universal tower with double-width working surface provides a comfortable workplace at great heights. Ideal for working with bulky materials while assuring the necessary freedom of movement.

- Ladder frames (1.50 m wide) of aluminium for push-fit assembly
- Rear guardrails and diagonal braces of aluminium snap in easily
- Work decks with aluminium frame and plywood insert, as a hatch-type deck for risk-free internal access
- Sturdy castors with concentric load transmission after locking for particular stability and long steel spindles for levelling
- Base widening with mobile beam made of steel, telescopic for work on ceilings and walls if required, alternatively with stabilizers (only necessary for working height of 8.60 m and above)

The Uni Wide family can also be equipped with stabilizers. Learn more about that on page 100.

TECHNICAL DATA

- Working height: 13.38 m
- Area of working platform: 1.50 x 2.85 m
- Permissible live load: 2 kN / m² (load class 3)

Convenient access

For even more safety and even more convenient access, the Uni Wide P2 can also be supplied with suspended ladders with wide steps.

For requirement see page 98.


Layher

Uni Wide P2

Part list

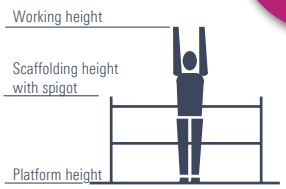
The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	1402101	1402102	1402103	1402104	1402105	1402106	1402107	1402108	1402109	1402110	1402111
Guardrail 2.85 m	1205.285	0	6	10	10	14	12	17	16	21	20	25
Double guardrail 2.85 m	1206.285	2	0	0	0	0	0	0	0	0	0	0
Diagonal brace 3.35 m	1208.285	0	2	2	4	4	6	6	8	8	10	10
Diagonal brace 2.95 m	1208.295	0	0	2	0	2	0	2	0	2	0	2
Basic tube 2.85 m	1211.285	0	0	0	0	0	1	1	1	1	1	1
Deck 2.85 m	1241.285	1	2	2	3	3	4	4	5	5	6	6
Access deck 2.85 m	1242.285	1	1	2	2	3	3	4	4	5	5	6
Spring clip	1250.000	0	4	4	8	8	16	16	20	20	24	24
Ladder frame 150/4 - 1.00 m	1299.004	0	2	0	2	0	2	0	2	0	2	0
Ladder frame 150/8 - 2.00 m	1299.008	2	2	4	4	6	6	8	8	10	10	12
Uni assembly hook	1300.010	0	1	1	1	1	1	1	1	1	1	1
Mobile beam 3.20 m with bar adj.	1323.320	0	0	0	0	0	2	2	2	2	2	2
Access ledger 0.75 m	1344.003	0	2	1	2	1	0	0	0	0	0	0
Castor 700 - 7 kN	1359.200	4	4	4	4	4	4	4	4	4	4	4
End toe board 1.44 m	1438.144	2	2	2	2	2	2	2	2	2	2	2
Toe board 2.85 m with claw	1439.285	2	2	2	2	2	2	2	2	2	2	2
Ballast	1249.000	For requirement see table below										

Extra requirement for suspended step ladders – usable for Safety Structure P2

Tower model	Ref. No.	1402101	1402102	1402103	1402104	1402105	1402106	1402107	1402108	1402109	1402110	1402111
Suspended ladder, 8 rungs	1314.108	0	1	1	2	2	3	3	4	4	5	5
Ladder support set for 1314.108	1314.109	0	0	0	0	0	1	0	1	0	1	0

Conforms to standard DIN EN 1004:2021



The Uni Wide family

Tower model	1402101 Uni Wide P2	1402102 Uni Wide P2	1402103 Uni Wide P2	1402104 Uni Wide P2	1402105 Uni Wide P2
Working height [m]	3.20	4.20	5.20	6.20	7.20
Tower height [m]	2.43	3.43	4.43	5.43	6.43
Platform height [m]	1.20	2.20	3.20	4.20	5.20
Weight [kg] (without ballast)	128.8	184.6	237.8	276.2	329.4
Ballast (stated in units)					
In closed areas					
Assembly central*	0	0	0	l1 r1	l1 r1
Assembly off-set	X	X	X	X	X
Assembly off-set with wall bracing	X	X	X	X	X
Assembly central with 1 bracket*	X	l0 r10	l0 r10	l0 r12	l0 r12
Assembly central with 2 brackets*	X	l3 r3	l2 r2	l5 r5	l4 r4
Outdoors					
Assembly central*	0	l3 r3	l6 r6	l11 r11	l16 r16
Assembly off-set	X	X	X	X	X
Assembly off-set with wall bracing	X	X	X	X	X
Assembly central with 1 bracket*	X	l0 r18	l0 r22	l6 r28	X
Assembly central with 2 brackets*	X	l14 r14	l16 r16	X	X

* Assembly with adjustable mobile beam, which must be fully extended.
X = not possible / not permissible 0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
Example: l2, r2 → 2 ballast weights of 10 kg each must be fastened to the left-hand side of the ladder frame, and 2 ballast weights of 10 kg each to its right-hand side
L6, R16 → 6 ballast weights of 10 kg each must be fastened to the left-hand side of the mobile beam, and 16 ballast weights of 10 kg each to its right-hand side.
r and R always relate, in the case of off-centre assembly, to that side facing away from the scaffolding; l and L relate to the side facing the scaffolding (see instructions for assembly and use).

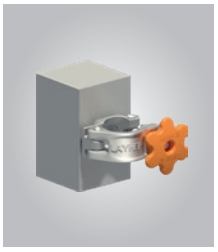
Suitable components

More components and detailed information from page 116.

RT Storage Box,
Ref. No. 1305.030

Console bracket,
Ref. No. 1341.075

Castor 700, with polyurethane tyre,
Ref. No. 1358.200



Ballast (10 kg),
Ref. No. 1249.000

Deck diagonal brace,
Ref. No. 1347.335

NEW

1402106 Uni Wide P2	1402107 Uni Wide P2	1402108 Uni Wide P2	1402109 Uni Wide P2	1402110 Uni Wide P2	1402111 Uni Wide P2
8.38	9.38	10.38	11.38	12.38	13.38
7.61	8.61	9.61	10.61	11.61	12.61
6.38	7.38	8.38	9.38	10.38	11.38
451.4	511.7	543.2	603.3	634.8	694.9
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	X
0	0	X	X	X	X
0	0	X	X	X	X
L0 R8	L0 R12	X	X	X	X
0	0	X	X	X	X
X	X	X	X	X	X
X	X	X	X	X	X

All dimensions and weights are guideline values. Subject to technical modification. Our deliveries shall be made exclusively in accordance with our currently valid General Terms of Sale. Title to the delivered goods shall be retained until full payment has been made. When purchasing, you receive instructions for assembly and use that must be followed without fail or assembly, dismantling and use.

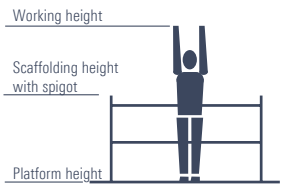
Uni Wide with stabilizers

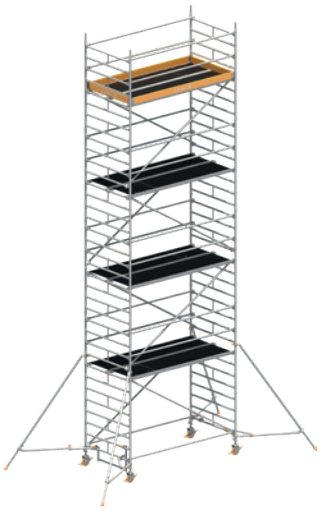
Part list

The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	1402126	1402127	1402128	1402129	1402130	1402131	1402146	1402147	1402148	1402149	1402150	1402151
Guardrail 2.85 m	1205.285	14	18	18	22	22	26	14	18	18	22	22	26
Diagonal brace 3.35 m	1208.285	6	6	8	8	10	10	6	6	8	8	10	10
Diagonal brace 2.95 m	1208.295	0	2	0	2	0	2	0	2	0	2	0	2
Deck 2.85 m	1241.285	3	4	4	5	5	6	3	4	4	5	5	6
Access deck 2.85 m	1242.285	3	4	4	5	5	6	3	4	4	5	5	6
Telescoping stabilizer - 2.60 m	1248.260	4	4	4	4	4	4	0	0	0	0	0	0
Rotation preventer for stabilizers	1248.261	4	4	4	4	4	4	4	4	4	4	4	4
Stabilizer 5 m	1248.500	0	0	0	0	0	0	4	4	4	4	4	4
Spring clip	1250.000	12	12	16	16	20	20	12	12	16	16	20	20
Ladder frame 150/4 - 1.00 m	1299.004	2	0	2	0	2	0	2	0	2	0	2	0
Ladder frame 150/8 - 2.00 m	1299.008	6	8	8	10	10	12	6	8	8	10	10	12
Uni assembly hook	1300.010	1	1	1	1	1	1	1	1	1	1	1	1
Access ledger 0.75 m	1344.003	1	1	1	1	1	1	1	1	1	1	1	1
Castor 700 - 7 kN	1359.200	4	4	4	4	4	4	4	4	4	4	4	4
End toe board 1.44 m	1438.144	2	2	2	2	2	2	2	2	2	2	2	2
Toe board 2.85 m with claw	1439.285	2	2	2	2	2	2	2	2	2	2	2	2
Ballast	1249.000	For requirement see table below											

Conforms to standard **DIN EN 1004:2021**





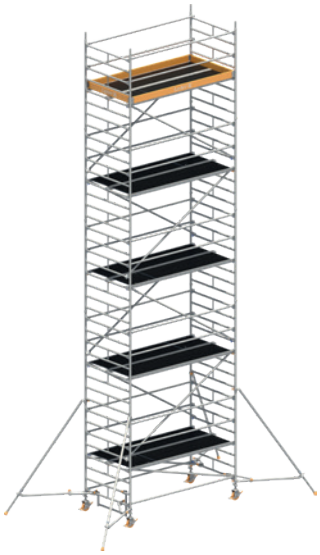
The Uni Wide family with stabilizers, extendable

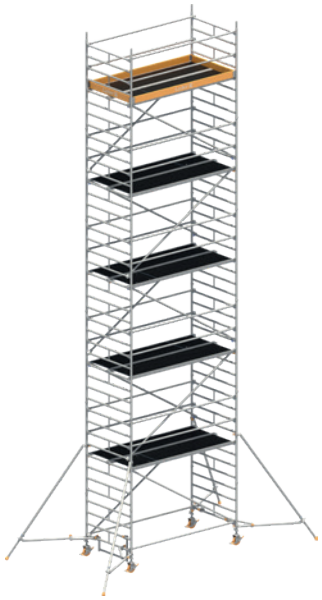
Tower model	1402126 Uni Wide P2 with stabilizers	1402127 Uni Wide P2 with stabilizers	1402128 Uni Wide P2 with stabilizers
Working height [m]	8.20	9.20	10.20
Tower height [m]	7.43	8.43	9.43
Platform height [m]	6.20	7.20	8.20
Weight [kg] (without ballast)	389.7	466.2	481.3
Ballast (stated in units)			
In closed areas			
Assembly central	0	0	0
Assembly off-set	L0 R2	L0 R2	L0 R2
Assembly off-set with wall bracing	0	0	0
Outdoors			
Assembly central	0	0	X
Assembly off-set	L0 R14	L0 R18	X
Assembly off-set with wall bracing	0	0	X

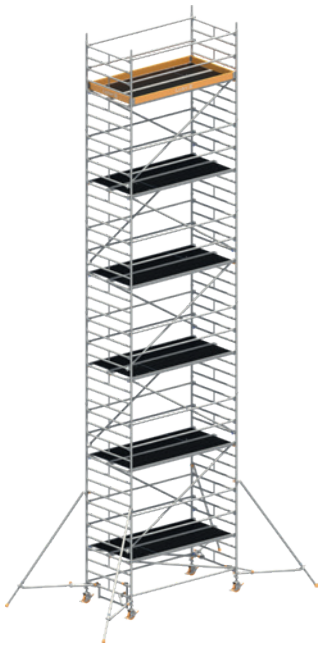
X = not possible / not permissible
0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
Example: l2, r2 → 2 ballast weights of 10 kg each must be fastened to the left-hand side of the ladder frame, and 2 ballast weights of 10 kg each to its right-hand side
L6, R16 → 6 ballast weights of 10 kg each must be fastened to the left-hand side of the mobile beam, and 16 ballast weights of 10 kg each to its right-hand side.
r and R always relate, in the case of off-centre assembly, to that side facing away from the scaffolding; l and L relate to the side facing the scaffolding (see instructions for assembly and use).

The Uni Wide family with stabilizers – 5 m (without illustration)

Tower model	1402146 Uni Wide P2 with stabilizers – 5 m	1402147 Uni Wide P2 with stabilizers – 5 m	1402148 Uni Wide P2 with stabilizers – 5 m	1402149 Uni Wide P2 with stabilizers – 5 m	1402150 Uni Wide P2 with stabilizers – 5 m	1402151 Uni Wide P2 with stabilizers – 5 m
Working height [m]	8.20	9.20	10.20	11.20	12.20	13.20
Tower height [m]	7.43	8.43	9.43	10.43	11.43	12.43
Platform height [m]	6.20	7.20	8.20	9.20	10.20	11.20
Weight [kg] (without ballast)	415.3	491.8	506.9	583.4	598.5	675.0
Ballast (stated in units)						
In closed areas						
Assembly central	0	0	0	0	0	0
Assembly off-set	0	0	L0 R2	L0 R2	L0 R2	L0 R2
Assembly off-set with wall bracing	0	0	0	0	0	0
Outdoors						
Assembly central	0	0	X	X	X	X
Assembly off-set	L0 R10	L0 R12	X	X	X	X
Assembly off-set with wall bracing	0	0	X	X	X	X







1402129 Uni Wide P2 with stabilizers	1402130 Uni Wide P2 with stabilizers	1402131 Uni Wide P2 with stabilizers
11.20	12.20	13.20
10.43	11.43	12.43
9.20	10.20	11.20
557.8	572.9	649.4
0	0	0
L0 R2	L0 R4	L0 R4
0	0	0
X	X	X
X	X	X
X	X	X

All dimensions and weights are guideline values. Subject to technical modification. Our deliveries shall be made exclusively in accordance with our currently valid General Terms of Sale. Title to the delivered goods shall be retained until full payment has been made. When purchasing, you receive instructions for assembly and use that must be followed without fail or assembly, dismantling and use.

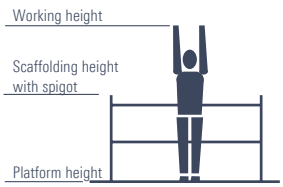
With the P2 safety structure: vertical platform clearance of 2 m and integrated, collective side protection. More information on page 54.

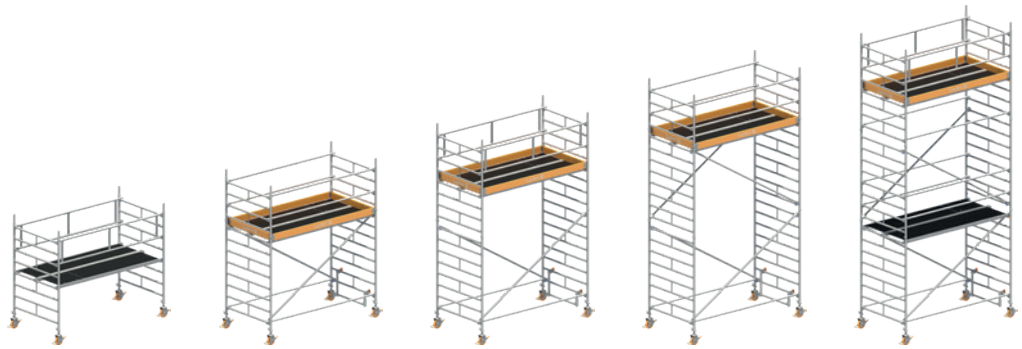
Uni Wide

Part list

The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111
Guardrail 2.85 m	1205.285	0	6	2	6	8	9	9	11	13	15	15
Double guardrail 2.85 m	1206.285	2	0	2	0	2	0	2	0	2	0	2
Diagonal brace 3.35 m	1208.285	0	2	2	4	4	6	6	8	8	10	10
Deck 2.85 m	1241.285	1	1	1	1	2	2	2	2	3	3	3
Access deck 2.85 m	1242.285	1	1	1	1	2	2	2	2	3	3	3
Spring clip	1250.000	0	4	4	8	8	16	16	20	20	24	24
Ladder frame 150/4 - 1.00 m	1299.004	0	2	0	2	0	2	0	2	0	2	0
Ladder frame 150/8 - 2.00 m	1299.008	2	2	4	4	6	6	8	8	10	10	12
Mobile beam 3.20 m with bar adj.	1323.320	0	0	0	0	0	2	2	2	2	2	2
Base strut 2.85 m	1324.285	0	0	0	0	0	1	1	1	1	1	1
Access ledger 0.75 m	1344.003	0	1	1	1	1	0	0	0	0	0	0
Castor 700 - 7 kN	1359.200	4	4	4	4	4	4	4	4	4	4	4
End toe board 1.44 m	1438.144	0	2	2	2	2	2	2	2	2	2	2
Toe board 2.85 m with claw	1439.285	0	2	2	2	2	2	2	2	2	2	2
Ballast	1249.000	For requirement see table below										





The Uni Wide family

Tower model	2101 Uni Wide	2102 Uni Wide	2103 Uni Wide	2104 Uni Wide	2105 Uni Wide
Working height [m]	3.20	4.20	5.20	6.20	7.20
Tower height [m]	2.43	3.43	4.43	5.43	6.43
Platform height [m]	1.20	2.20	3.20	4.20	5.20
Weight [kg] (without ballast)	111.6	162.6	177.2	198.2	276.0
Ballast (stated in units)					
In closed areas					
Assembly central**	0	0	l2 r2	l4 r4	l4 r4
Assembly off-set	0	0	l2 r2	l4 r4	l4 r4
Assembly off-set with wall bracing	0	0	l2 r0	l4 r0	l4 r0
Assembly central with 1 bracket**	X	l0 r8	l0 r12	l0 r14	l0 r14
Assembly central with 2 brackets**	X	l3 r3	l16 r16	l8 r8	l7 r7
Outdoors					
Assembly central**	0	l3 r3	l6 r6	l11 r11	l16 r16
Assembly off-set	X	X	X	X	X
Assembly off-set with wall bracing	X	X	X	X	X
Assembly central with 1 bracket**	X	l0 r18	l2 r22	l6 r26	l12 r30
Assembly central with 2 brackets**	X	l10 r10	X	X	X

The products shown (pages 102 and 103) are only standard-compliant by purchasing the retrofit set (page 103) according to DIN EN 1004:2021.

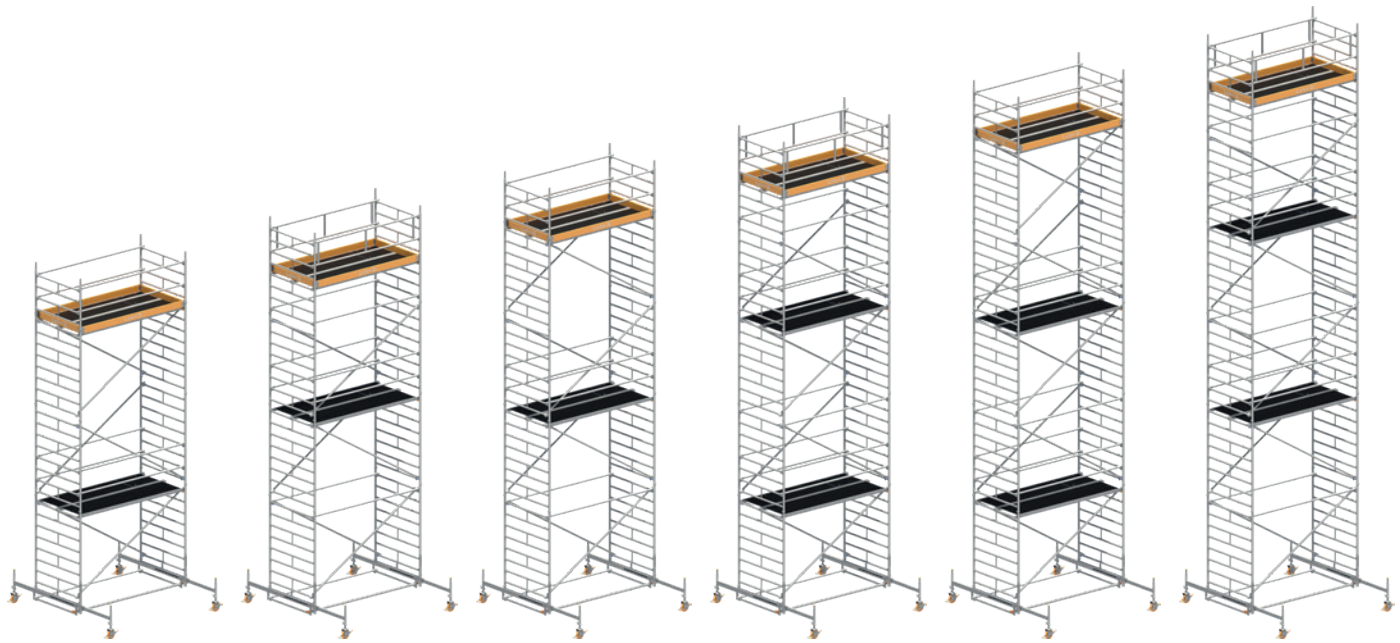
** Assembly with adjustable mobile beam, which must be fully extended.
X = not possible / not permissible 0 = no ballast required
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
Example: l2, r2 → 2 ballast weights of 10 kg each must be fastened to the left-hand side of the ladder frame, and 2 ballast weights of 10 kg each to its right-hand side
L6, R16 → 6 ballast weights of 10 kg each must be fastened to the left-hand side of the mobile beam, and 16 ballast weights of 10 kg each to its right-hand side.
r and R always relate, in the case of off-centre assembly, to that side facing away from the scaffolding; l and L relate to the side facing the scaffolding (see instructions for assembly and use).

Retrofitting table

The rollings can be easily retrofitted to the Safety Structure P2, to conform to the current standards.

Retrofit set	Ref. No.	1400039	1400011	1400012	1400013	1400014	1400015	1400016	1400017	1400018	1400019	1400020
for tower model* **		**2101*** **	**2102**	**2103*** **	**2104**	**2105*** **	**2106*** **	**2107*** **	**2108*** **	**2109*** **	**2110*** **	**2111*** **
Guardrail 2.85 m	1205.285	0	0	4	4	2	3	4	5	4	5	6
Diagonal brace 2.95 m	1208.295	0	0	2	0	2	0	2	0	2	0	2
Deck 2.85 m	1241.285	0	1	1	2	1	2	2	3	2	3	3
Access deck 2.85 m	1242.285	0	0	1	1	1	1	2	2	2	2	3
Uni assembly hook	1300.010	0	1	1	1	1	1	1	1	1	1	1
Access ledger 0.75 m	1344.003	0	1	0	1	0	0	0	0	0	0	0
End toe board 1.44 m	1438.144	2	0	0	0	0	0	0	0	0	0	0
Toe board 2.85 m with claw	1439.285	2	0	0	0	0	0	0	0	0	0	0

*** If there is already a base strut (1324.285) and / or double rear guardrails (1206.285) in your inventory, there's no need to replace them. They can still be used.



2106 Uni Wide	2107 Uni Wide	2108 Uni Wide	2109 Uni Wide	2110 Uni Wide	2111 Uni Wide
8.38	9.38	10.38	11.38	12.38	13.38
7.61	8.61	9.61	10.61	11.61	12.61
6.38	7.38	8.38	9.38	10.38	11.38
377.6	406.6	420.4	498.2	512.0	541.0
0	0	0	0	0	0
0	0	0	0	L0 R2	L0 R2
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	X	X	X
L1 R1	L5 R5	X	X	X	X
L0 R6	L4 R14	X	X	X	X
L2 R0	L8 R2	X	X	X	X
L0 R6	X	X	X	X	X
X	X	X	X	X	X

UNI COMFORT

THE UNIVERSAL TOWER WITH CONVENIENT STAIRWAY ACCESS

The Uni Comfort tower is the compact tower and ideally suited to assembly and maintenance work. The convenient stairway access with full-length handrail facilitates frequent ascent and descent, easily overcomes great heights and leaves the hands free to carry tools and material.

- Ladder frames (1.50 m wide) of aluminium for push-fit assembly
- Rear guardrails and diagonal braces of aluminium snap in easily
- Access decks with opening along the entire length for convenient internal access
- Sturdy castors with concentric load transmission after locking for particular stability and long steel spindles for levelling
- Outriggers for base widening can be attached without using tools
- Fitting them with castors permits safer movement of the tower without dismantling it

TECHNICAL DATA

- Working height: 14.20 m
- Area of working platform: 1.50 x 1.80 m
- Permissible live load: 2 kN / m² (load class 3)


Layher

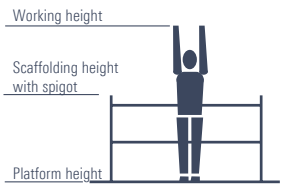
Uni Comfort P2

Part list

The Layher modular system permits problem-free expansion of your rolling tower (for pictures see page 116 onwards).

Tower model	Ref. No.	4201	4202	4203	4204	4205	4206
Guardrail 1.80 m	1205.180	5	8	11	14	17	20
Diagonal brace 2.50 m	1208.180	1	2	3	4	5	6
Horizontal diagonal brace 2.95 m	1209.285	0	0	2	2	2	2
Landing stairway 1.80 m	1212.180	1	2	3	4	5	6
Stair guardrail 3,07 m	1213.180	0	1	2	3	4	5
Outrigger 1.50 m	1216.000	0	0	4	4	4	4
Deck 1.80 m	1241.180	2	3	4	5	6	7
Stairway access deck 1.80 m	1243.180	1	1	1	1	1	1
Spring clip	1250.000	4	8	12	16	20	24
Ladder frame 150/4 - 1.00 m	1299.004	2	2	2	2	2	2
Ladder frame 150/8 - 2.00 m	1299.008	2	4	6	8	10	12
Uni assembly hook	1300.010	1	1	1	1	1	1
Horizontal diagonal brace, adj.	1318.000	0	0	2	2	2	2
Base strut 1.80 m	1324.180	1	1	1	1	1	1
Stair guardrail 1,20 m	1327.120	1	1	1	1	1	1
Access ledger 0.75 m	1344.003	2	2	2	2	2	2
Castor 700 - 7 kN	1359.200	4	4	8	8	8	8
End toe board 1.44 m	1438.144	2	2	2	2	2	2
Toe board 1.80 m with claw	1439.180	2	2	2	2	2	2
Ballast	1249.000	For requirement see table below					

Conforms to standard DIN EN 1004:2021



The Uni Comfort family

Tower model	4201 Uni Comfort	4202 Uni Comfort
Working height [m]	4.20	6.20
Tower height [m]	3.43	5.43
Platform height [m]	2.20	4.20
Weight [kg] (without ballast)	167.7	237.9
Ballast (stated in units)		
In closed areas		
Assembly central without outrigger	0	6
Assembly central	Δ	Δ
Assembly off-set	Δ	Δ
Assembly off-set with wall bracing	Δ	Δ
Outdoors		
Assembly central without outrigger	2	18
Assembly central	Δ	Δ
Assembly off-set	Δ	Δ
Assembly off-set with wall bracing	Δ	Δ

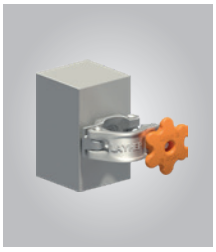
X = not possible / not permissible 0 = no ballast required Δ = Erection with additional parts, only possible after consulting the manufacturer.
For ballasting, use Layher ballast weights, Ref. No. 1249.000, 10 kg each. These weights are attached quickly and securely at the right places using the star handle coupler.
All height dimensions are calculated without any spindle travel. The maximum spindle travel of each assemby variant is listed in its assembly instruction guide!
Do not use any liquid or granular ballast materials. The ballast weight must be distributed evenly to all ballasting fixing points (see instructions for assembly and use).
In central assembly, the ballast weights are distributed evenly over all four ladder frame standards. The remainder not divisible by 4 must be fitted in accordance with the instructions for assembly and use.
In off-set assembly on mobile beams, the ballast weights must be distributed evenly over the two ladder frame standards away from the wall.

Suitable components

More components and detailed information from page 116.

RT Storage Box,
Ref. No. 1305.030

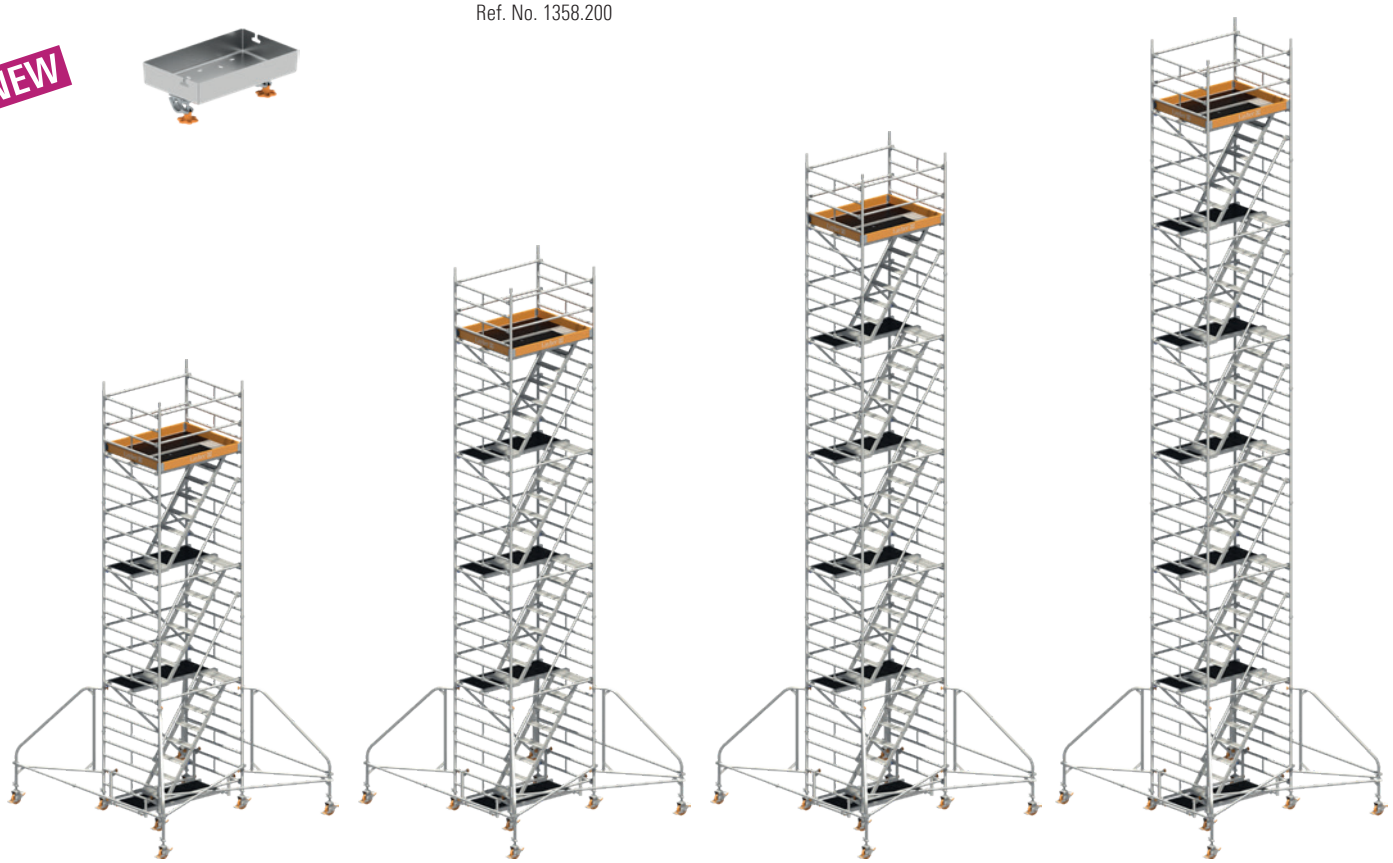
Castor 700, with polyurethane tyre,
Ref. No. 1358.200



Ballast (10 kg),
Ref. No. 1249.000

Uni distance tube,
Ref. No. 1275.180

NEW



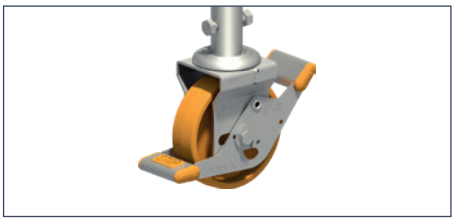
4203 Uni Comfort	4204 Uni Comfort	4205 Uni Comfort	4206 Uni Comfort
8.20	10.20	12.20	14.20
7.43	9.43	11.43	13.43
6.20	8.20	10.20	12.20
389.5	459.7	529.9	600.1
Δ	X	X	X
0	0	0	0
2	2	4	8
0	2	4	8
Δ	X	X	X
20	X	X	X
26	X	X	X
26	X	X	X

All dimensions and weights are guideline values. Subject to technical modification. Our deliveries shall be made exclusively in accordance with our currently valid General Terms of Sale. Title to the delivered goods shall be retained until full payment has been made. When purchasing, you receive instructions for assembly and use that must be followed without fail or assembly, dismantling and use.

STARO ROLLING TOWER

THE READY-MADE SCAFFOLDING TOWER FOR FREEDOM OF MOVEMENT AND A LARGE WORKING AREA

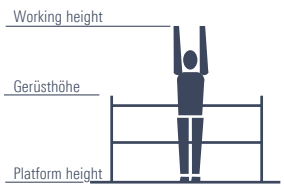
The Staro rolling tower is the "ready-made" tower with a large work surface. It is indispensable for fast work on large ceiling surfaces or for assembling components or installation work underneath the ceiling. The large work surface offers ample freedom of movement and space for storing tools and materials ready to hand.

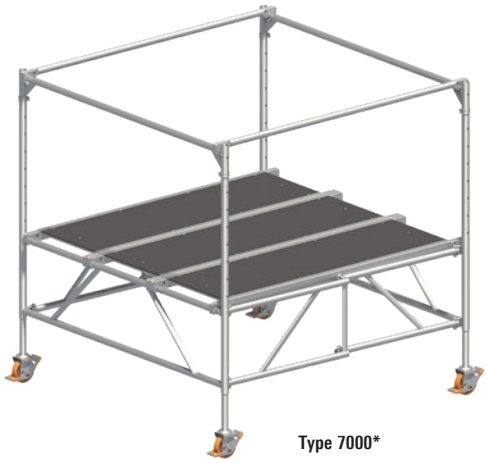


Sturdy castors (d=150 mm) with concentric load transmission after locking, for particular stability. Leg tube (1.95 m long) with holes 11 cm apart for height adjustment.

Basic assembly in aluminium; rear guardrails are easily snapped in. Work decks with aluminium frame and plywood insert.

Conforms to standard **DIN EN 1004:2021**





Type 7000*

Type 7001
Includes the additional equipment for use at platform height from 1 m

Part list

Tower model	Ref. No.	7000*	7001
Staro basic tower 1.90m x 1.95 m	1224.000	1	1
Intermediate guardrail 1.90 m	1224.190	0	2
Staro guardrail 1.90 m	1227.190	2	4
Staro deck 1.90 m	1241.190	3	3
Ladder for Staro rolling tower	1246.006	0	1
Leg tube wit castor	1312.150	4	4
End toe board 1.90 m	1438.190	0	2
Toe board 1.95 m with claw	1439.195	0	2

TECHNICAL DATA

- Working height: 3.75 m
- Area of working platform: 1.95 x 1.95 m
- Permissible live load: 1.5 kN / m² (load class 2)

Tower model	7000* Staro rolling tower	7001 Staro rolling tower
Working height [m]	2.76 – 2.98	3.10 – 3.77
Tower height [m]	1.89 – 2.21	2.13 – 2.80
Platform height [m]	0.76 – 0.98	1.10 – 1.77
Weight [kg] (without ballast)	99.9	133.1

***Additional equipment:** From **platform height 1 m** , intermediate guardrails 1.90 m (2x 1224.190), Staro guardrails (2x 1227.190) and toe boards (2x 1438.190, 2x 1439.195) must be used for corresponding work. The rolling tower may only be climbed using the access ladder (1246.006). The additional equipment with the listed parts upgrades the Staro rolling tower type 7000 to the Staro rolling tower type 7001.

ALU BRIDGING BEAM

THE WORKING DECK UP TO 10 M LONG

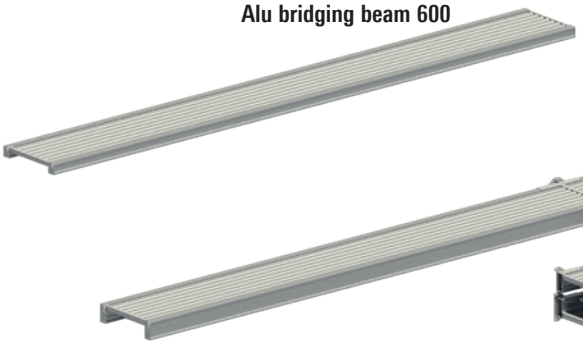
Alu bridging beam 600

The Alu bridging beam 600 is a quick and handy component. Lightweight, as it's made of aluminium, and stable, as it's made from special sections. It is possible to attach, depending on the application, a three-piece side pro tection to the Alu bridging beam.

TECHNICAL DATA

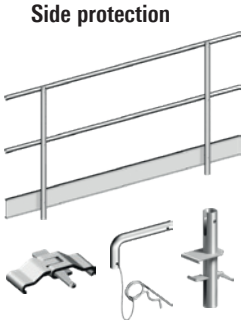
- GS tested in accordance with DIN EN 12811-1:2004 / DIN 4420-1:2004
- Permissible load class 2 (1.5 kN / m² up to 10 m length)
- Permissible load class 3 (2 kN / m² up to 7.10 m length)

Alu bridging beam 600



Alu bridging beam 600 folding

Side protection



Alu bridging beam 600

Description	Min. Length [m]	Max. Length [m]	Load [kN/m²]	Width [m]	Outer width [mm]	Height [m]	Height folded [m]	Weight [kg]	Ref. No.	Ref. No. Side protection
Alu bridging beam 600	3.18	-	2.0	0.60	-	0.09	-	20.0	**1348.318**	6201
	4.12	-	2.0	0.60	-	0.09	-	26.0	**1348.412**	6202
	4.75	-	2.0	0.60	-	0.09	-	29.0	**1348.475**	6203
	5.20	-	2.0	0.60	-	0.12	-	38.0	**1348.520**	6204
	6.15	-	2.0	0.60	-	0.12	-	45.0	**1348.615**	6205
	7.10	-	2.0	0.60	-	0.12	-	52.0	**1348.710**	6206
	8.00	-	1.5	0.60	-	0.15	-	68.0	**1348.800**	6207
	9.10	-	1.5	0.60	-	0.15	-	76.0	**1348.910**	6208
	10.00	-	1.5	0.60	-	0.15	-	85.0	**1348.100**	6209
Alu bridging beam 600 folding	2.60	5.16	1.5	0.60	0.75	0.12	0.38	47.0	**1349.510**	6210
	3.70	7.36	1.5	0.60	0.75	0.12	0.38	61.0	**1349.730**	6211
	4.60	9.16	1.5	0.60	0.75	0.15	0.44	86.0	**1349.915**	6212

Side protection for alu bridging beam 600 | Part list

KIT-No.	Ref. No.	6201	6202	6203	6204	6205	6206	6207	6208	6209	6210	6211	6212
Guardrail fixture	1330.000	2	4	4	4	4	6	6	6	8	4	4	8
Double guardrail	1332.200	0	2	1	1	0	2	1	0	2	2	0	4
Double guardrail	1332.300	1	0	1	1	2	1	2	3	2	0	2	0
Guardrail locking clip	1333.000	1	2	2	2	2	3	3	3	4	2	2	4

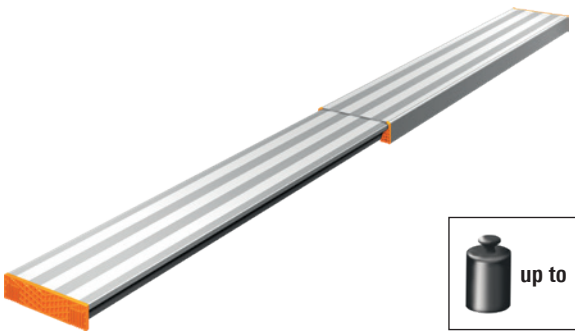
Alu telescopic beam

The Alu telescopic stage offers a wide and variable range of possi ble applications. For transport, the telescopic stage can be simply pushed together, resulting in low transport dimensions. Since the Alu telescopic stage is extendable, it can be pulled out or pushed together to provide any required length.

More information about the product see page 22.

Alu telescopic beam

Max. length [m]	Min. length [m]	Weight approx. [kg]	Ref. No.
2.9	1.64	13.0	**1351.290**
3.5	1.92	16.0	**1351.350**
4	2.27	18.0	**1351.400**
4.4	2.49	20.0	**1351.440**



up to 150 kg

BRACKET DECK SURFACES

WORKING SERVICE WIDENING FOR UNI STANDARD AND UNI WIDE

Special designs are individualized tower structures that make work safer and faster at many construction sites. The examples on this page show the widening of the top scaffolding level and the formation of several working levels using console brackets. For these tower forms, we have acquired the GS safety inspection certificate that is sufficient for the use of the tower and eliminates the need for structural strength verification otherwise required.

TECHNICAL DATA

- Subsequent attachment to completed towers is possible
- Rapid and easy widening of the working surface of up to 1.50 m
- Permissible live load: 1.5 kN / m² (load class 2)

Extension-KITS for attachment of 1 or 2 bracket deck surfaces for Uni Standard and Uni Wide

KIT-No.	Ref. No.	9100	9200
Guardrail 2.85 m	1205.285	2	2
Deck 2.85 m	1241.285	1	2
Spring clip	1250.000	4	8
Ladder frame 75/4 - 1.00 m	1297.004	2	4
Intermediate deck 2.85 m	1339.285	1	2
Alu console bracket 0.75 m	1341.075	2	4
End toe board 0.75 m	1438.075	2	4

The number of ballast weights required is stated in the appropriate instructions for assembly and use. All dimensions and weights are guideline values. Subject to technical modification. Our deliveries shall be made exclusively in accordance with our currently valid General Terms of Sale. Title to the delivered goods shall be retained until full payment has been made. When purchasing, you receive instructions for assembly and use that must be followed without fail or assembly, dismantling and use.


Layher

CASTORS FROM LAYHER

Ref. No.	Description	Castor type	Image	Wheel	Wheel diameter [mm]	Bearing type (wheel hub)
1300.150	Castor, d=150 mm with spindle 250	Height adjustable castor		Polyamide wheel	150	Plain bearing
1301.150	Castor 400, d=150 mm	Castor with tube connector		Polyamide wheel	150	Plain bearing
1303.150	Castor 400, d=150 mm with polyurethane tyre	Castor with tube connector		Polyamide wheel with polyurethane tire	150	Plain bearing
1359.200	Castor 700	Height adjustable castor		Polyamide wheel	200	Plain bearing
1358.200	Castor 700, with polyurethane tyre	Height adjustable castor		Polyamide wheel with polyurethane tire	200	Plain bearing
1260.201	Castor 1000	Height adjustable castor		Polyamide wheel	200	Plain bearing
1260.202	Castor 1000, with electroconductive polyurethane coating	Height adjustable castor		Polyamide wheel with polyurethane tire	200	Ball bearing
1267.200	Castor 1200, with half-coupler	Height adjustable castor		Polyamide wheel	200	Plain bearing

	Max. perm. load [kg] – braked	Max. dyn. load [kg] – unbraked – at 4 km/h and over a distance of 2500 m without obstacles	Temperature resistance	Application
	700	700	-20 °C bis 50 °C	All firm ground! E.g.: Concrete / screed / cobbles / wooden boards / asphalt
	400	200	-40 °C bis 90 °C	All firm ground! E.g.: Concrete / screed / cobbles / wooden boards / asphalt
	400	200	-20 °C bis 50 °C	Firm ground with sensitive surface! E.g.: Tiles / natural stone / parquet / laminate Careful with sprung floors such as floors of sports halls, the max. load of the floor applies here, otherwise provision of a load-distributing base (plywood boards) is essential!
	700	350	-40 °C bis 90 °C	All firm ground! E.g.: Concrete / screed / cobbles / wooden boards / asphalt
	700	350	-20 °C bis 50 °C	Firm ground with sensitive surface! E.g.: Tiles / natural stone / parquet / laminate Careful with sprung floors such as floors of sports halls, the max. load of the floor applies here, otherwise provision of a load-distributing base (plywood boards) is essential!
	1000	1000	-40 °C bis 90 °C	All firm ground! E.g.: Concrete / screed / cobbles / wooden boards / asphalt
	1000	800	-25 °C bis 70 °C	Firm ground with sensitive surface! E.g.: Tiles / natural stone / parquet / laminate Useable in explosive or EiSD areas, thanks to the bleeder resistance < 104 Ω. Careful with sprung floors such as floors of sports halls, the max. load of the floor applies here, otherwise provision of a load-distributing base (plywood boards) is essential!
	1200	960	-40 °C bis 90 °C	All firm ground! E.g.: Concrete / screed / cobbles / wooden boards / asphalt

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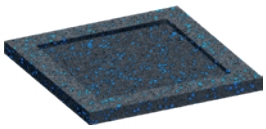

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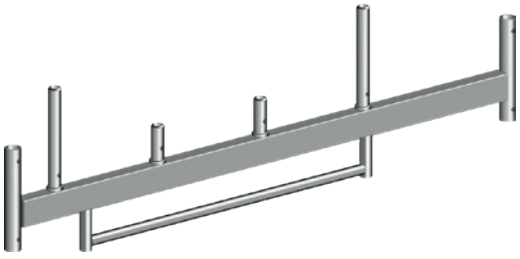

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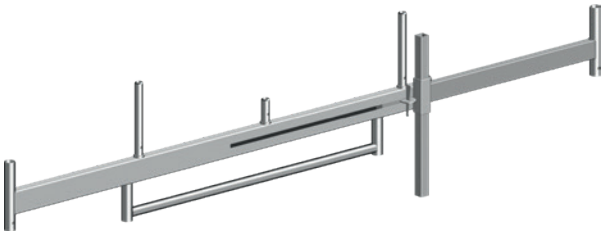

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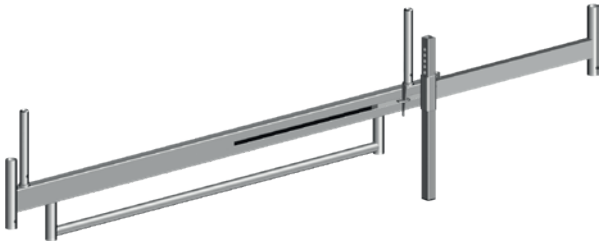

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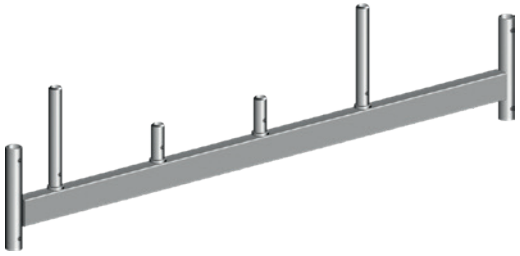

Pos.	Description	Dimensions [m]	Weight approx. [kg]	Ref. No.		SoloTower	Zifa	Uni Light	Uni Compact	Uni Standard	Uni Wide	Uni Comfort	Staro rolling tower
1	**Castor 400, d=150 mm** Plastic wheel, with simple brake lever. Permissible load: 4 kN (≈ 400 kg)	d=0.15	2.5	**1301.150**			▸	▸					
2	**Castor 400, d=150 mm with polyurethane tyre** Plastic wheel with polyurethane tyre, special wheel for sensitive floor surfaces. Permissible load: 4 kN (≈ 400 kg)	d=0.15	2.7	**1303.150**			▸	▸					
3	**Castor, d=150 mm with spindle 250** Plastic wheel, with base jack, adjustment range 0.2 – 0.35 m, castor with double brake lever and load centering in the braked state. Permissible load: 7 kN (≈ 700 kg)	d=0.15	3.9	**1300.150**		▸	▸	▸	▸	▸	▸	▸	
4	**Castor 700** Plastic wheel, d=200 mm. With base jack, adjustment range 0.30 – 0.60 m, spindle nut with lock, castor with double brake lever and load centering in the braked state. Permissible load: 7.0 kN (≈ 700 kg)	d=0.20	6.8	**1359.200**		▸	▸	▸	▸	▸	▸	▸	
5	**Castor 700 with polyurethane tyre** Plastic wheel, d=200 mm. With base jack, adjustment range 0.30 – 0.60 m, spindle nut with lock, castor with double brake lever and load centering in the braked state. Permissible load: 7.0 kN (≈ 700 kg)	d=0.20	7.0	**1358.200**		▸	▸	▸	▸	▸	▸	▸	
6	**Castor 1000** Plastic wheel, d=200 mm of polyamide. With base jack, adjustment range 0.30 – 0.60 m, spindle nut with lock, castor with double brake lever and load centering in the braked state. Permissible load: 10 kN (≈ 1,000 kg)	d=0.20	6.3	**1260.201**		▸	▸	▸	▸	▸	▸	▸	
7	**Castor 1000 with electroconductive polyurethane coating** Plastic wheel, d=200 mm of polyamide with coating of electroconductive polyurethane. With base jack, adjustment range 0.30 – 0.60 m, spindle nut with lock, castor with double brake lever and load centering in the braked state. Permissible load: 10 kN Special castor for sensitive floorings and thanks to electroconductability also usable in explosive or ESD areas. Bleeder resistance according to DIN EN 12526 < 10^4 Ω	d=0.20	6.8	**1260.202**		▸	▸	▸	▸	▸	▸	▸	
8	**Castor 1200 with half-coupler** reinforced plastic wheel, d=200 mm, with base jack, adjustment range 0.30 – 0.60 m, spindle nut with lock. Permissible load: 12 kN (≈ 1,200 kg)	d=0.20	12.0	**1267.200**		▸	▸	▸	▸	▸	▸	▸	
9	**Adjustable base plate 60 with lock** steel, hot-dip galvanized, with nut, base plate 150 x 150 mm, max. spindle travel 0.40 m	0.60	3.8	**1257.060**		▸	▸	▸	▸	▸	▸	▸	
10	**Rubber underlay for base plate**	0.20 x 0.20	0.4	**4000.500**		▸		▸		▸			
11	**Mobile beam with bar** Steel rectangular tube, hot-dip-galvanized. For widening the base of towers	1.80	16.9	**1323.180**			▸	▸		▸			
12	**Mobile beam with bar, adjustable** Steel rectangular tube, hot-dip-galvanized. System component for base widening	2.30 – 3.20	42.5	**1323.320**					▸	▸	▸		
13	**Mobile beam with 2 spigots, adjustable** Steel rectangular tube, hot-dip-galvanized. For widening the base for special mobile assemblies. System assemblies only possible in conjunction with Ref. No. 1337.000	2.30 – 3.20	42.6	**1338.320**			▸	▸	▸	▸	▸		
14	**Mobile beam** Steel rectangular tube, hot-dip-galvanized. For widening the base of towers	1.80	14.4	**1214.180**			▸	▸					

WS = wrench size **PU** = packaging unit = available ex works = delivery time on request = only available in this packaging unit
▸ = included in rolling tower kit ▸ = optional accessory for rolling tower model

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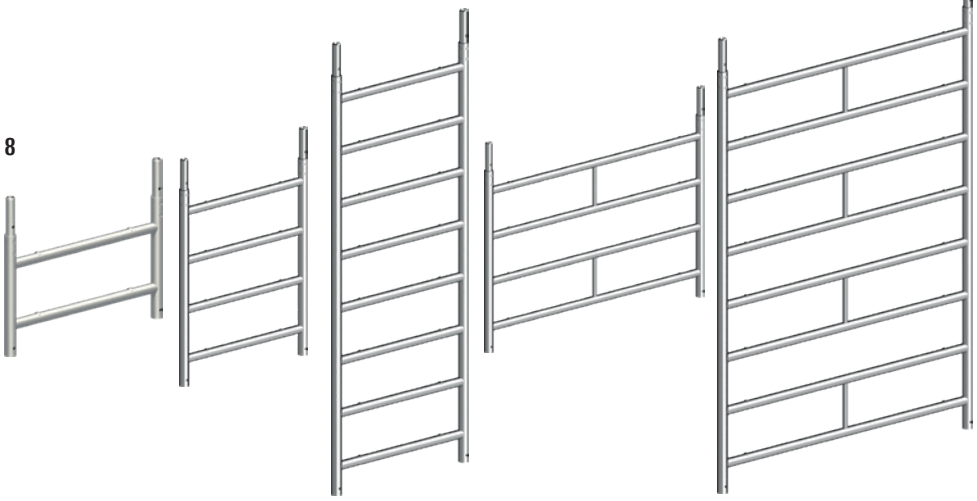

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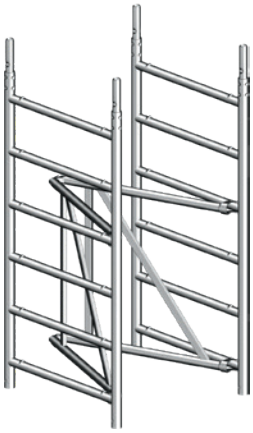

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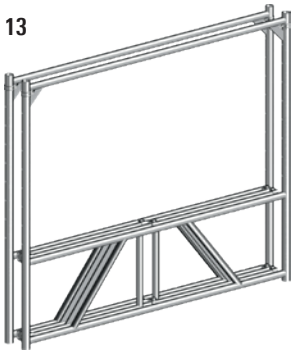

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Pos.	Description	Dimensions [m]	Weight approx. [kg]	Ref. No.	SoloTower	Zifa	Uni Light	Uni Compact	Uni Standard	Uni Wide	Uni Comfort	Staro rolling tower
1	**Basic tube** steel tube, hot-dip galvanized	1.80	7.7	**1211.180**		▸	▸	▸				
		2.85	12.2	**1211.285**					▸	▸		
2	**Base strut** with 2 half-couplers, steel tube, hot-dip galvanized	1.80	6.2	**1324.180**		▸	▸	▸			▸	
		2.85	9.3	**1324.285**					▸	▸		
3	**Tele distance tube 1.25 m**	1.25 – 1.90	3.0	**1275.001**	▸		▸		▸			
4	**Access ledger** aluminium	0.30	2.9	**1344.002**		▸	▸		▸			
		0.75	3.3	**1344.003**				▸		▸	▸	
5	**Ballast (10 kg)** steel, hot-dip galvanized with half-coupler. For ballasting of towers refer to the instructions for assembly and use of mobile work platforms		10.0	**1249.000**	▸	▸	▸	▸	▸	▸	▸	
6	**Spigot, adjustable** steel, hot-dip galvanized. System assemblies only possible in conjunction with Ref. No. 1338.320	0.46	2.1	**1337.000**		▸	▸	▸	▸	▸		
7	**Guardrail support**	1.00	1.3	**1297.100**		▸	▸	▸	▸	▸	▸	
8	**Ladder frame** aluminium, Rungs with non-slip grooving	0.50 x 0.75	2.6	**1297.002**	▸	▸	▸		▸			
		1.00 x 0.75	4.7	**1297.004**	▸	▸	▸		▸			
		2.00 x 0.75	8.6	**1297.008**		▸	▸		▸			
		1.00 x 1.50	7.0	**1299.004**				▸		▸	▸	
		2.00 x 1.50	13.5	**1299.008**				▸		▸	▸	
9	**Passageway ladder frame** aluminium, Rungs with non-slip grooving	2.00 x 0.75	10.1	**1296.008**	▸		▸		▸			
10	**Suspension ladder 75** aluminium, Rungs with non-slip grooving Spigot bolted using 4 bolts M12 x 60 with nuts	1.00 x 0.75	6.3	**1298.004**		▸	▸		▸			
		2.00 x 0.75	10.3	**1298.008**		▸	▸		▸			
11	**Suspended ladder**	0.40 x 1.80	2.8	**1247.006**	▸		▸		▸			
12	**Zifa 75 basic tower** aluminium, Dimensions when folded together: 0.95 x 1.50 x 0.30 m	1.80 x 1.50 x 0.75	20.2	**1300.006**		▸						
13	**Staro basic tower** aluminium. Including 4 clips. Dimensions when folded together: 2.00 x 1.60 x 0.25 m	2.00 x 1.60 x 2.00	28.8	**1224.000**								▸
14	**Leg tube with castor 400** d=150 mm, With simple brake lever and load centering in the braked state. Wheel and slewing ring can be locked. Steel, plastic wheel	1.95	6.6	**1312.150**								▸

WS = wrench size **PU** = packaging unit = available ex works = delivery time on request = only available in this packaging unit
▸ = included in rolling tower kit ▸ = optional accessory for rolling tower model

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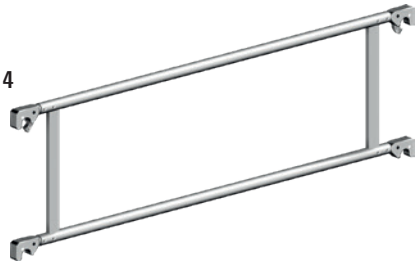

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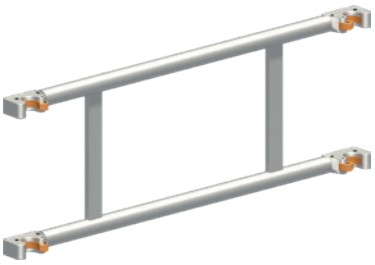

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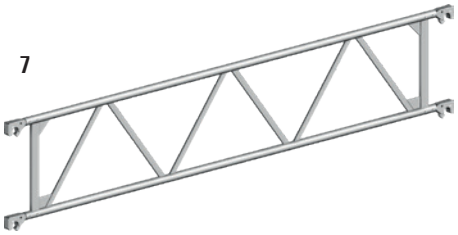

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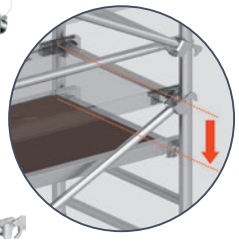

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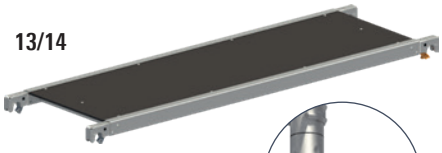

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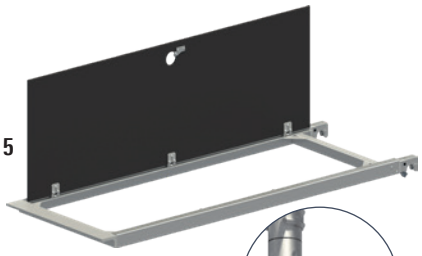

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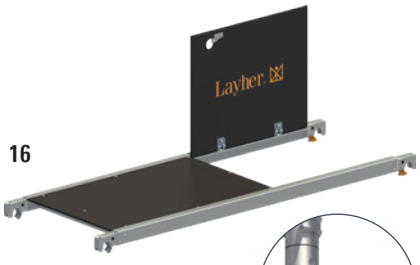

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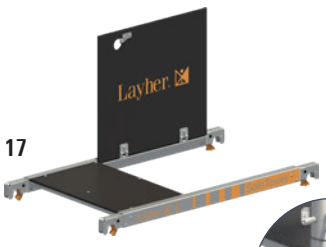

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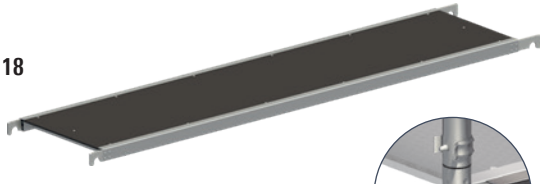

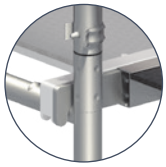

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Pos.	Description	Dimensions [m]	Weight approx. [kg]	Ref. No.		SoloTower	Zifa	Uni Light	Uni Compact	Uni Standard	Uni Wide	Uni Comfort	Staro rolling tower
1	**Spring clip** steel		0.1	**1250.000**		▸	▸	▸	▸	▸	▸	▸	▸
2	**Guardrail** aluminium	1.80	2.3	**1205.180**			▸	▸	▸			▸	
		2.85	3.6	**1205.285**						▸	▸		
3	**Staro guardrail** aluminium	1.90	2.7	**1227.190**									▸
4	**Double guardrail** aluminium	1.80 x 0.50	5.8	**1206.180**			▸	▸	▸				
		2.85 x 0.50	8.0	**1206.285**						▸	▸		
5	**SoloTower Double guardrail**	1.13 x 0.50	5.9	**1342.113**	🏭	▸							
6	**SoloTower telescopic guardrail** aluminium	1.13 – 1.72	3.0	**1204.113**	🏭	▸							
7	**Beam** aluminium, for use as support beam in the modular system or as double guardrail	1.80 x 0.50	7.7	**1207.180**	🏭		▸	▸	▸			▸	
		2.85 x 0.50	9.6	**1207.285**						▸	▸		
8	**Intermediate guardrail** aluminium	1.90	1.9	**1224.190**									▸
9	**Diagonal brace** aluminium	1.95	2.8	**1208.195**			▸	▸	▸				
		2.50	3.3	**1208.180**			▸	▸	▸			▸	
		2.95	3.8	**1208.295**						▸	▸		
		3.35	4.1	**1208.285**						▸	▸		
10	**Deck diagonal brace** aluminium	2.50	4.2	**1347.250**	🏭		▸	▸	▸			▸	
		3.35	5.0	**1347.335**						▸	▸		
11	**Horizontal diagonal brace** aluminium	1.95	3.5	**1209.180**			▸	▸					
		2.95	4.6	**1209.285**						▸		▸	
12	**Horizontal diagonal brace, adjustable** aluminium	3.20 – 4.00	6.1	**1318.000**							▸	▸	
13	**Deck** aluminium frame, with plywood deck and hatch with phenolic resin coating	1.80 x 0.68	13.3	**1241.180**			▸	▸	▸			▸	
		2.85 x 0.68	20.0	**1241.285**						▸	▸		
14	**Staro deck** aluminium frame, with plywood deck and hatch with phenolic resin coating	1.90 x 0.60	13.1	**1241.190**									▸
15	**Stairway access deck** aluminium frame, with plywood deck and hatch with phenolic resin coating	1.80 x 0.68	12.2	**1243.180**								▸	
16	**Access deck** aluminium frame, with plywood deck and hatch with phenolic resin coating	1.80 x 0.68	15.0	**1242.180**			▸	▸	▸				
		2.85 x 0.68	21.6	**1242.285**						▸	▸		
17	**SoloTower access deck** aluminium frame, with plywood deck and hatch with phenolic resin coating	1.13 x 0.68	11.4	**1242.113**	🏭	▸							
18	**Bridging deck** Only for use in double structures of Uni Standard towers	2.85 x 0.66	19.8	**1343.285**	🕒				▸				
19	**Intermediate deck** aluminium, for console bracket structures	2.85 x 0.23	10.5	**1339.285**	🏭				▸	▸			

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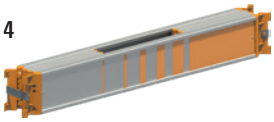

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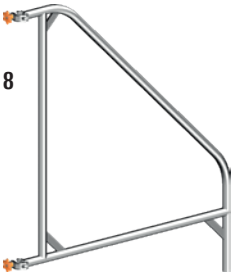

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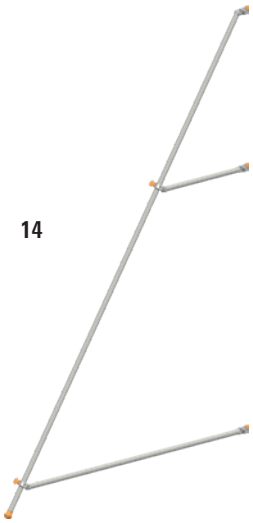

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Pos.	Description	Dimensions [m]	Weight approx. [kg]	Ref. No.		SoloTower	Zifa	Uni Light	Uni Compact	Uni Standard	Uni Wide	Uni Comfort	Staro rolling tower
1	**Toe board** wood, for twin towers and bridging deck	0.60 x 0.15	3.5	**1340.058**	◷					▸			
2	**Toe board with claw** wood	1.80 x 0.15	4.2	**1439.180**			▸	▸	▸			▸	
		1.95 x 0.15	4.2	**1439.195**									▸
		2.85 x 0.15	5.6	**1439.285**						▸	▸		
3	**End toe board** wood	0.75 x 0.15	1.6	**1438.075**			▸	▸		▸			
		1.44 x 0.15	2.9	**1438.144**					▸		▸	▸	
		1.90 x 0.15	3.9	**1438.190**									▸
4	**SoloTower toe board unit** aluminium		5.6	**1240.113**	🏭	▸							
5	**Landing stairway** aluminium		15.5	**1212.180**								▸	
6	**Stairway guardrail** aluminium, for use for landing-type stairway Ref. No. 1212.180	3.07	3.8	**1213.180**								▸	
7	**Strut for outrigger** aluminium, locks the outrigger Ref. No. 1216.000	3.75	5.4	**1217.375**	🏭							▸	
8	**Outrigger** aluminium, for widening the bases of higher structures. Locking with horizontal diagonal brace Ref. No. 1209.285	1.50	8.2	**1216.000**								▸	
9	**Stairway guardrail** aluminium	1.20	1.8	**1327.120**	🏭							▸	
10	**Guardrail** aluminium, for twin towers and bridging	0.58 x 0.50	4.7	**1342.058**	◷					▸			
11	**Rotation preventer for stabilizers**	0.5	2.8	**1248.261**		▸	▸	▸	▸	▸	▸		
12	**Stabilizer** aluminium	1.80	4.2	**1248.180**	◷		▸	▸	▸	▸	▸		
13	**Stabilizer, extendable** aluminium	2.60 – 3.40	8.5	**1248.260**			▸	▸	▸	▸	▸		
14	**Stabilizer** aluminium	5.00	14.9	**1248.500**	◷					▸	▸		
15	**SoloTower stabilizer** aluminium	1.20 – 2.10	5.2	**1248.000**	🏭	▸							
16	**Ladder for Staro rolling tower** aluminium, 6 double rungs		7.8	**1246.006**									▸
17	**Suspended step ladder** aluminium, 8 steps, with snap-on hook and castors at the ladder base	2.20	6.8	**1314.108**	🏭					▸	▸		
18	**Ladder support set** for suspended ladder Ref. No. 1314.108		2.0	**1314.109**	🏭					▸	▸		
19	**Uni Abstandsrohr** aluminium tube, with hook and rubber foot	1.10	1.4	**1275.110**	🏭	▸	▸	▸		▸			
		1.80	2.1	**1275.180**	🏭	▸			▸		▸	▸	
20	**Swivel coupler** steel, galvanized	WS 19	1.5	**4702.019**		▸	▸	▸	▸	▸	▸	▸	
		WS 22	1.5	**4702.022**		▸	▸	▸	▸	▸	▸	▸	
21	**Double coupler** steel, galvanized	WS 19	1.3	**4700.019**		▸	▸	▸	▸	▸	▸	▸	
		WS 22	1.3	**4700.022**		▸	▸	▸	▸	▸	▸	▸	

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Components

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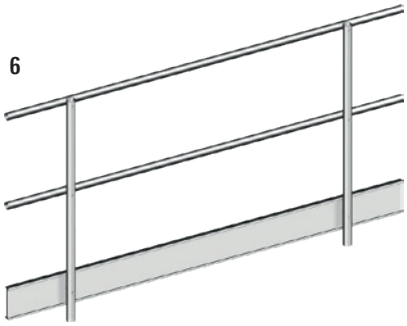

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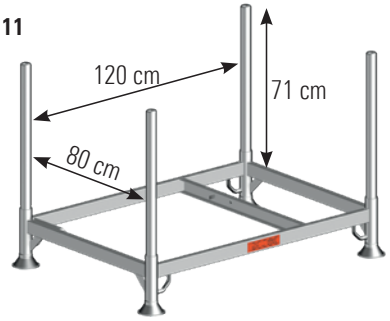

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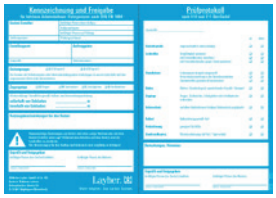

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Spare parts

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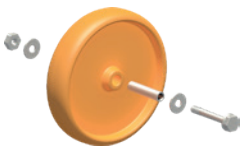

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Pos.	Description	Dimensions [m]	Weight approx. [kg]	Ref. No.	PU	SoloTower	Zifa	Uni Light	Uni Compact	Uni Standard	Uni Wide	Uni Comfort	Staro rolling tower	Alu Steg 600
1	**Hand wheel with bush**		0.1	**6491.422**		▸	▸	▸	▸	▸	▸	▸		
2	**Uni assembly hook** pair		1.2	**1300.010**	2		▸	▸	▸	▸	▸	▸		
3	**SoloTower assembly hook** 4 pieces		1.2	**1300.002**	4	▸								
4	**Console bracket** aluminium, for widening of the work platform on one or two sides	0.75 x 0.90	5.4	**1341.075**						▸	▸			
NEW 5	**RT Storage Box** for storing tools on the rolling tower, recesses for cable routing	0.09 x 0.30 x 0.50	3.3	**1305.030**		▸	▸	▸	▸	▸	▸	▸	▸	
6	**Double guardrail with toe board** aluminium, folds together for transport	2.00 x 1.10	9.7	**1332.200**										▸
		3.00 x 1.10	12.9	**1332.300**										▸
7	**Guardrail fixture** aluminium, for fastening the double guardrail to the alu bridging beam for Ref. No. 1332.xxx	0.50	0.9	**1330.000**										▸
8	**Guardrail locking pin** steel, for securing the double guardrail with the guardrail fixture for Ref. No. 1330.xxx	0.08	0.1	**1333.000**										▸
9	**Guardrail mounting standard** aluminium, for connecting the three-part brick guard made from scaffolding tubes, guardrail clamps and toe board	1.20	2.4	**1334.000**										▸
10	**Clamp** steel, for connecting the Alu bridging beams Ref. No.1348.xxx	0.10	0.4	**1331.000**										▸
11	**Tube pallet 125** steel, galvanized, length of pallet posts: 0.86 m, load 1500 kg	1.37 x 0.97	32.0	**5105.125**			▸	▸	▸	▸	▸	▸	▸	
12	**Assembly bag**		0.2	**1300.003**		▸	▸	▸	▸	▸	▸	▸	▸	▸
13	**Identification sign** Block à 50 pcs.		0.5	**6344.400**		▸	▸	▸	▸	▸	▸	▸	▸	
14	**See-through pocket** for Ref. No. 6344.400, 10 pcs. with integrated prohibition sign	0.30 x 0.17	0.0	**6344.011**	10	▸	▸	▸	▸	▸	▸	▸	▸	

Spare parts

Pos.	Description	Dimensions [m]	Weight approx. [kg]	Ref. No.	PU
1	**Wheel including axle** for Ref. No. 1308.150 / 1302.150 / 1301.150 / 1312.150	d=0.15	0.6	**6496.921**	
2	**Wheel including axle** for Ref. No. 1309.150 / 1303.150	d=0.15	0.6	**6491.501**	
3	**Wheel including axle** for Ref. No. 1259.200 / 1259.201 / 1359.200	d=0.20	0.9	**6496.922**	
4	**Finger 42 mm pair, blue** complete with springs and rivets		0.4	**6491.416**	2
5	**Finger 42 mm pair, grey** complete with springs and rivets		0.4	**6491.417**	2
6	**Finger 42 mm pair, orange** complete with springs and rivets		0.4	**6496.923**	
7	**Finger 48 mm pair, orange** complete with springs and rivets		0.4	**6496.924**	

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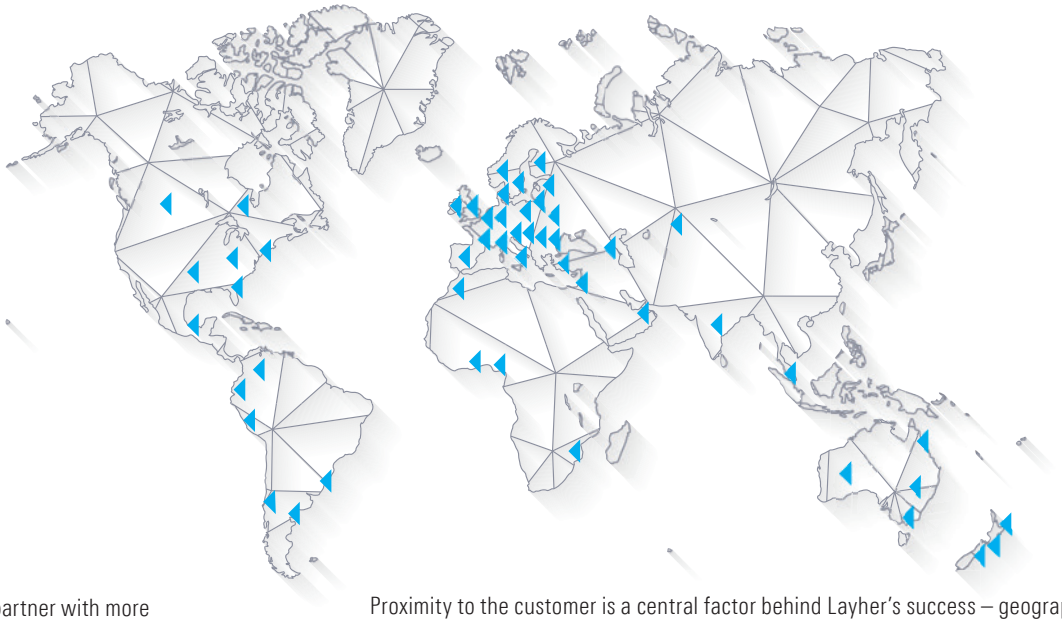

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