

UNI LIGHT

The lightweight rolling tower for restricted workspaces

The compact, lightweight Uni Light rolling tower is ideal for safer, more convenient working wherever you need a ladder – the platform surface of a full 1.30 m² permits unimpeded movement, while also carrying tools and material. The low weight and handy dimensions make the Uni Light particularly easy to transport and suitable for use in restricted workspaces. What is more, the Uni Light family can also be equipped with stabilizers (see page 64).

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)

Available assembly variants and kits:

- Uni Light P2 with Uni telescoping guardrail
- Uni Light P2
- Uni Light P2 with Uni telescoping guardrail and stabilizer
- Uni Light
- Uni Light with stair kit







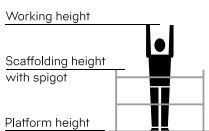
Uni Light P2 with Uni telescoping guardrail



Parts list

Tower model	Ref. No.	1403201	1413202	1413203	1413204	1413205	1413206	1413207
Uni telescoping guardrail	1204.180	0	2	4	4	6	6	8
Guardrail 1.80 m	1205.180	0	2	5	4	7	6	9
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, d=150 mm	1301.150	4	4	4	4	4	4	4
Mobile beam 1.80 m	1323.180	0	2	2	2	2	2	2
End toe board	1438.075	2	2	2	2	2	2	2
Toe board with claw	1439.180	2	2	2	2	2	2	2
Ballast	1249.000	For the number of ballasting weights see the ballasting table below						

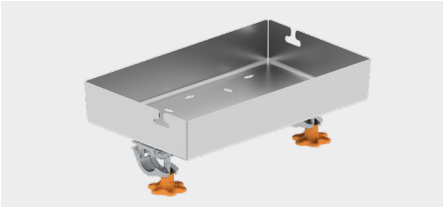
Conforms to standard
DIN EN 1004:2021



Tower model	1403201	1413202	1413203
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	139.0	168.7
Ballasting (stated in units)			
In closed areas			
Assembly, central	14 r4	0	0
Assembly off-centre	X	0	L0 R2
Assembly, off-set with wall bracing	X	0	0
Outdoors			
Assembly, central	14 r4	0	0
Assembly off-centre	X	0	L0 R4
Assembly, off-set with wall bracing	X	0	0

X = not permitted/not possible 0 = no ballast required
For technical notes, see page 37

Suitable components



RT storage box
Ref. No. 1305.030



Castor 400 with polyurethane tyre
Ref. No. 1303.150



Castor
Ref. No. 1300.150



Ballast
Ref. No. 1249.000



Deck diagonal brace 2.50 m
Ref. No. 1347.250



1413204	1413205	1413206	1413207
6.26	7.26	8.26	9.26
5.49	6.49	7.49	8.49
4.26	5.26	6.26	7.26
190.5	220.2	242.0	271.7
L2 R2	L3 R3	L5 R5	L6 R6
L0 R4	L0 R6	L2 R8	L2 R10
L2 R2	L4 R2	L6 R4	L6 R6
L3 R3	L5 R5	L9 R9	L13 R13
L0 R6	L0 R10	L4 R14	X
L4 R2	L6 R4	L10 R8	X

Uni Light P2

Parts list

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	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 the number of ballasting weights see the ballasting table below						



Tower model	1403201	1403202	1403203
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
Ballasting (stated in units)			
In closed areas			
Assembly, central	I4 r4	0	0
Assembly off-centre	X	0	L0 R2
Assembly, off-set with wall bracing	X	0	0
Outdoors			
Assembly, central	I4 r4	0	0
Assembly off-centre	X	0	L0 R4
Assembly, off-set with wall bracing	X	0	0

X = not permitted/not possible 0 = no ballast required
For technical notes, see page 37



Safety Structure P2: vertical platform spacing of 2 m and integrated, collective, advancing side protection. For more information, see page 38.



1403204	1403205	1403206	1403207
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

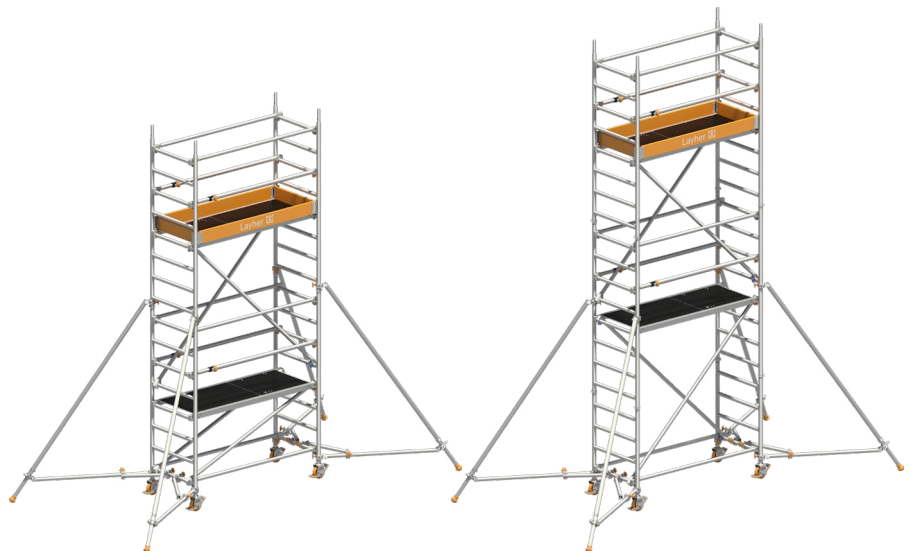
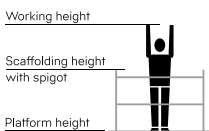
Uni Light P2 with Uni telescoping guardrail and stabilizers

Parts list

Tower model	Ref. No.	1413223	1413224	1413225	1413226	1413227
Uni telescoping guardrail	1204.180	4	4	6	6	8
Guardrail 1.80 m	1205.180	6	6	8	8	10
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
Stabilizer, extendable	1248.260	4	4	4	4	4
Rotation preventer for stabilizer	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, d=150 mm	1301.150	4	4	4	4	4
End toe board	1438.075	2	2	2	2	2
Toe board with claw	1439.180	2	2	2	2	2
Ballast	1249.000	For the number of ballasting weights see the ballasting table below				



Conforms to standard
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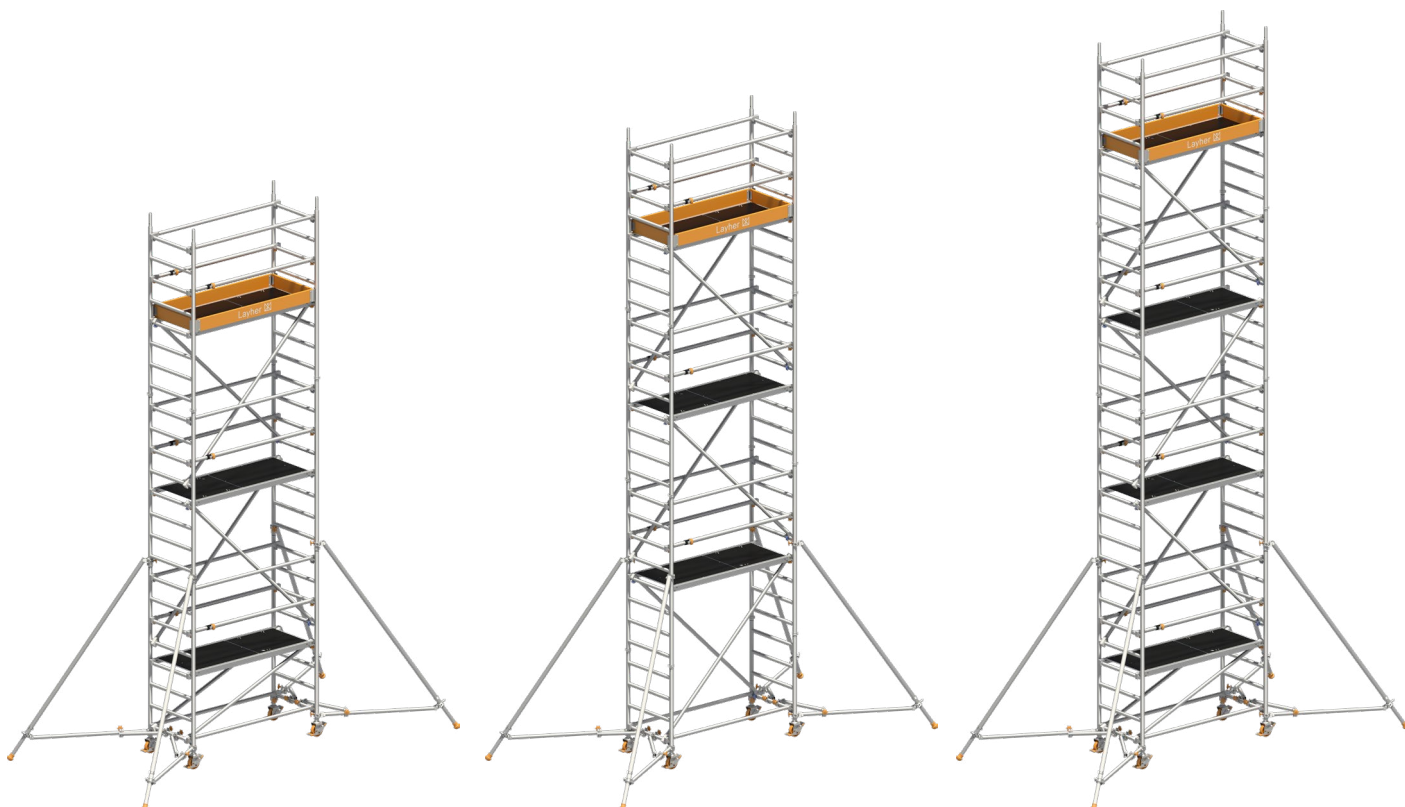


Tower model	1413223	1413224
Working height [m]	5.10	6.10
Tower height [m]	4.33	5.33
Platform height [m]	3.10	4.10
Weight [kg] (without ballast)	174.3	185.1
Ballasting (stated in units)		
In closed areas		
Assembly, central	0	0
Assembly off-centre	L0 R4	L0 R8
Assembly, off-set with wall bracing	0	0
Outdoors		
Assembly, central	0	0
Assembly off-centre	L0 R6	L0 R10
Assembly, off-set with wall bracing	0	0

X = not permitted/not possible 0 = no ballast required
For technical notes, see page 37



Safety Structure P2 with Uni telescoping guardrail: vertical platform spacing of 2 m and integrated, collective, advancing side protection. For more information, see page 38.

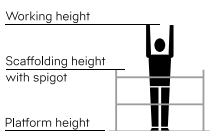


1413225	1413226	1413227
7.10	8.10	9.10
6.33	7.33	8.33
5.10	6.10	7.10
225.8	236.6	277.3
0	12 r2	12 r2
L0 R10	L0 R12	L0 R14
0	0	0
13 r3	16 r6	18 r8
L0 R14	X	X
0	0	12 r0

Uni Light

Parts list

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 the number of ballasting weights see the ballasting table below						

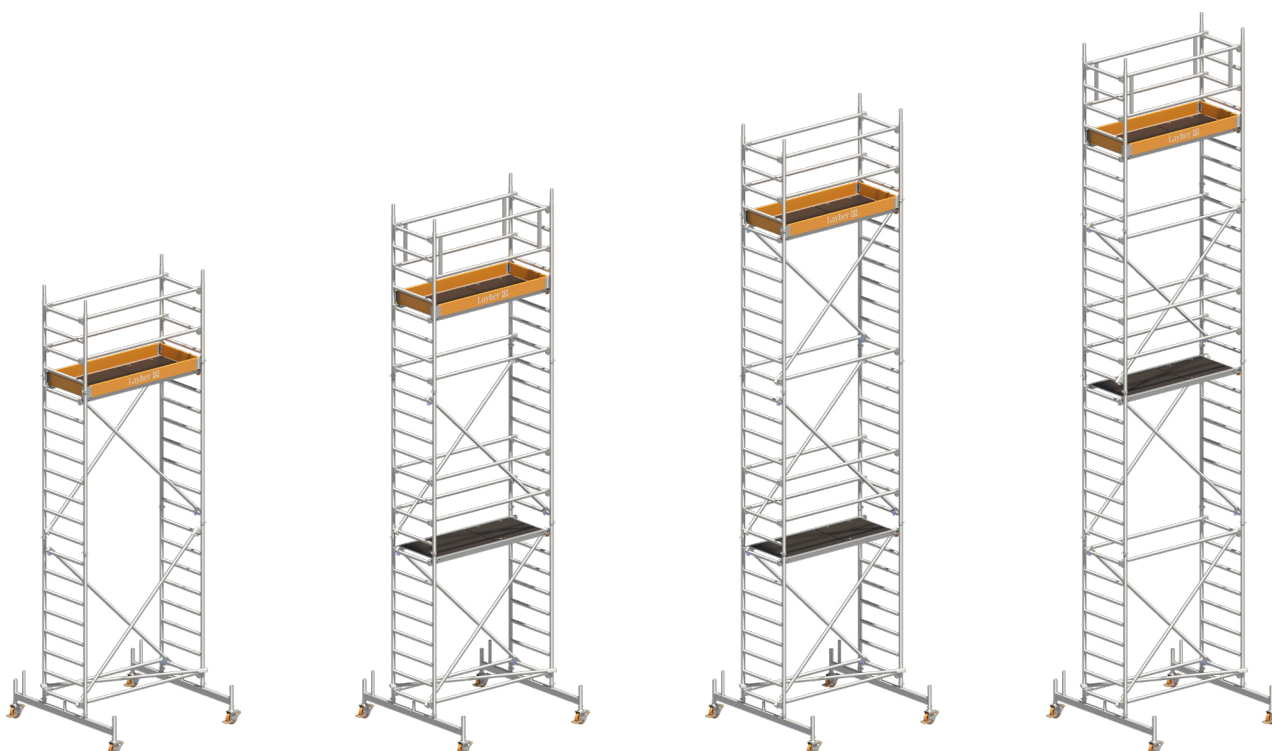


Tower model	3201	3202	3203
Working height [m]	3.11	4.26	5.26
Tower height [m]	2.34	3.49	4.49
Platform height [m]	1.11	2.26	3.26
Weight [kg] (without ballast)	52.2	110.4	120.6
Ballasting (stated in units)			
In closed areas			
Assembly, central	14 r4	0	4
Assembly, off-set	X	2	6
Assembly, off-set with wall bracing	X	0	4
Outdoors			
Assembly, central	14 r4	0	4
Assembly, off-set	X	4	8
Assembly, off-set with wall bracing	X	0	4

X = not permitted/not possible 0 = no ballast required
For technical notes, see page 37

Retrofit table for Safety Structure P2

Retrofit set	Ref. No.	1400036	1400021	1400022	1400023	1400024	1400025	1400026
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



3204	3205	3206	3207
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

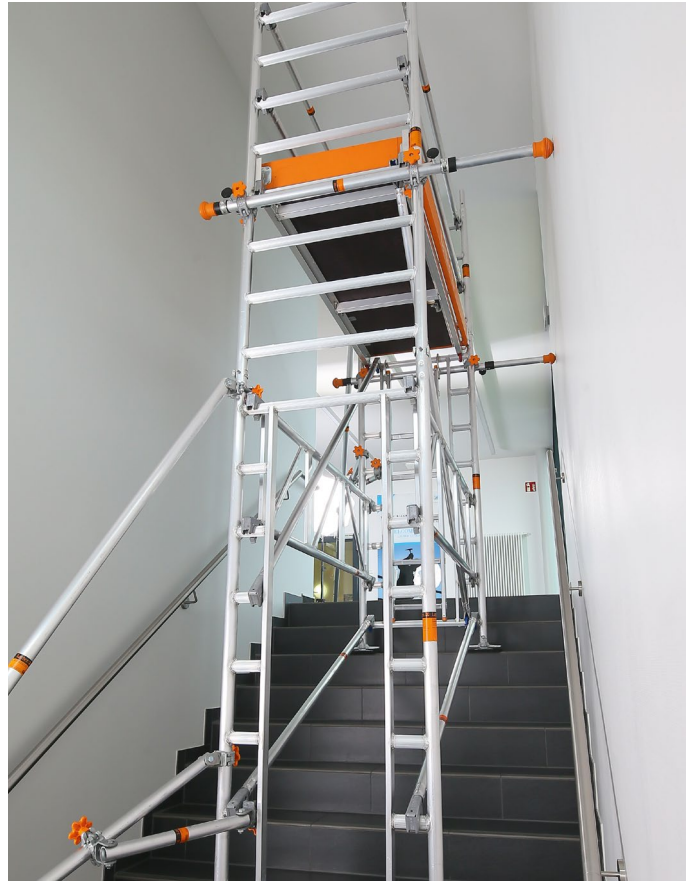
** Any mobile beams 1.80 m (1214.180) in stock can remain in use.
Any double guardrails (1206.180) available can also remain in use.

Stair Kit for Uni Light

The stair kit for Uni Light permits the safer, flexible use of rolling tower parts in stairwells: The stairs do not have to be blocked off because they remain accessible despite the presence of the scaffolding. By extending standard Tower models with a few individual components, the stair kit, in combination with Uni Light, offers an economical, swift and safer solution for working at heights – also as an alternative to rung ladders, whose use is now restricted due to current occupational safety regulations. After mounting the base on the stair steps, assembly of the required scaffolding levels can be performed with the proven Safety Structure P2.

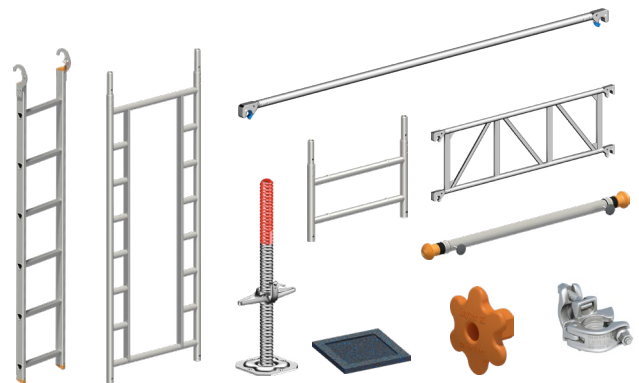
The Benefits for You

- Use in stairwells up to a Platform height of 5 m
- Passageways to suit the site – it is not necessary to completely block off the stairs
- Adaptation to stair steps – riser and tread – is possible
- Passageway also as entrance for upward access
- Many assembly variants possible due to the modular principle



Optional stabilizer kit

Description	Ref. No.	1600090
Rotation preventer	1248.261	4
Aluminium stabilizer, extendable	1248.260	4

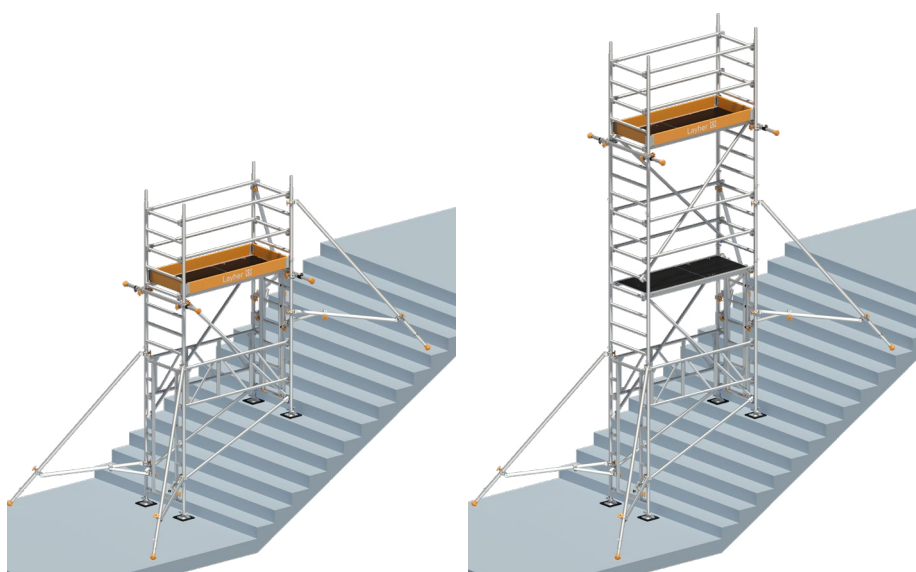
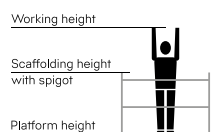


Tower model	Ref. No.	1603291	1603292
Beam 1.80 m	1207.180	2	2
Diagonal brace 1.95 m	1208.195	2	2
Suspended ladder for passageway ladder frame	1247.006	0	1
Adjustable base plate 60 with lock	1257.060	4	4
Tele distance tube 1.25 m	1275.001	2	2
Passageway ladder frame 75/8 – 2.00 m	1296.008	1	2
Ladder frame 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

Uni Light with stair kit as complete solution

Parts 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 – 2.60m	1248.260	4	4
Rotation preventer for stabilizer	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 the number of ballasting weights see the ballasting table below	



Tower model	1603293	1603295
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
Ballasting (stated in units)		
In closed areas		
Assembly, central	l6 r6	l12 r12
Assembly, with clamping between the walls	0	0
Assembly, off-set with wall bracing	l6 r0	l14 r0