ZARGES

Assembly and usage instructions
Z 600 S-PLUS scaffold towers

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1. General information

1.1. Introduction

These assembly and usage instructions apply exclusively to the scaffold towers described therein.
The instructions on safety and the rules and ordinances for the handling of scaffolding in these assembly and usage instructions lie within the area of validity of the scaffold towers referred to in this documentation.

Operators bear sole responsibility for:

- ensuring adherence to the local, regional and national regulations,
- observance of the regulations (laws, ordinances, guidelines etc.) for safe handling listed in the assembly and usage instructions,
- ensuring that the assembly and usage instructions are available to operating personnel and that the instructions, information, warnings and safety provisions they contain are followed to the letter.

1.2. Manufacturer

The manufacturer of the scaffold towers described in this documentation is

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1.3. Type approval

The scaffold towers referred to hereafter have been tested by

1.4. Warranty

The scope and period of the warranty type are defined in the manufacturer's sales and delivery conditions. The assembly and usage instructions valid at the time of delivery (see Section 1.5) apply to all warranty claims arising from insufficient documentation. The following applies above and beyond the sales and delivery conditions: The manufacturer accepts no liability for damage to the scaffold towers provided which is caused by one or more of the following:

- Ignorance of or failure to observe these assembly and usage instructions
- Insufficiently qualified or instructed operating personnel
- Failure to use original spare parts.

The operator bears sole responsibility for ensuring

- that the safety provisions as defined in Section 5 are adhered to,
- that improper use (see Section 1.8), incorrect assembly and setup and unauthorised operation of the scaffold towers are ruled out and
- that above and beyond this, intended use (see Section 1.7) is ensured and that the scaffold towers are operated in accordance with the application conditions defined in the contract.

1.5. Date of issue

The date of issue of these English assembly and usage instructions is 01 Februar 2014.

1.6. Copyright and trademark rights

- The copyright to these assembly and usage instructions lies with the manufacturer.
- The manufacturer also reserves all further rights, in particular in the case of the granting of a patent or utility patent registration.
- Any infringement of the conditions described above will result in liability for damages!

1.7. Intended use

The scaffold towers listed in these assembly and usage instructions may only be used as scaffolding in accordance with the stipulations of EN 1004 and the overview of models in these assembly and usage instructions.

1.8. Improper use

Misuse - that is, any use of the scaffold towers documented in these assembly and usage instructions which deviates from that described in Section 1.7 - shall be deemed improper use as defined by the Product Safety Act (status 1.8.1997). This also applies to disregard of the standards and guidelines listed in these assembly and usage instructions.

2. Setup

2.1. Safety provisions

1. The stipulations of EN 1004 "Mobile work platforms" apply to the structural safety, erection and use of the aforementioned scaffold towers.

2. The scaffold towers may only be set up and used by persons familiar with these assembly and usage instructions.

3. At least two persons are required to set up or dismantle the scaffold tower. (Applies to all mobile scaffold towers with a platform height exceeding 2.50m)

4. Undamaged and fault-free original spare parts for the manufacturer's scaffolding system to which the test certificate applies must be used. Before using the scaffold tower, all parts must be examined for correct assembly and functionality.

5. 

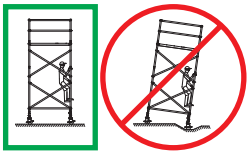
Under EN-1004, the maximum platform height is 8 m in outdoor use and 12 m in completely enclosed spaces. The maximum platform height for the scaffold towers described in these assembly and usage instructions is 10 m in completely enclosed spaces.

6. The use of lifting tackle on the scaffold tower is not permissible.

7. The platforms are each set up with a rung spacing of 7 rungs, afford to be granted to the secure footing at all times.

8. The scaffold tower may only be set up in vertical position on a horizontal, level surface of sufficient load-bearing capacity. Where necessary, load-distributing pads must be used.

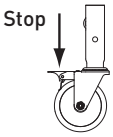
9. Chassis beams, ballast weights, stabilisers and stand-off brackets must be used to ensure structural safety as described in these assembly and usage instructions.



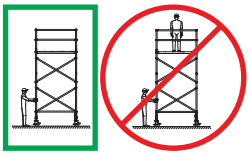
10. Working on the work platform is only permissible with full protection on 3 sides, i.e. guard-rail frame, knee protection and peripheral toeboards. Toeboards are not necessary on the rest platforms.

11. Working on several work platforms simultaneously is prohibited.

12. When setting up the scaffold tower alongside a wall, stand-off brackets (accessories, Order No. 42920) can be used in addition to ballast.



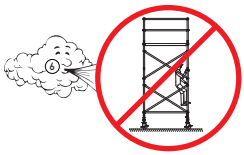
13. The maximum load-bearing capacity of the scaffold tower with an evenly distributed load is 2.0 kN/m² (in accordance with EN 1004 - scaffolding category 3).

14. 

There must be no persons, tools or material on the platform when the scaffold tower is moved. Any impact must be avoided. The scaffold tower may only be moved manually, in longitudinal or diagonal direction and on a firm, level installation surface which is free of obstacles. The scaffold tower must not be moved at more than normal walking speed.

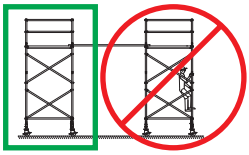
15. Vehicles (e.g. fork lifts) must not be used to move the scaffold tower. The scaffold tower must not be lifted, pulled or pushed using a fork lift.

16. The surface on which the scaffold tower is moved must be capable of bearing its weight.

17. 

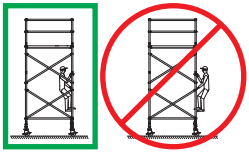
Where the scaffold tower is used outdoors or in open buildings, it must be moved to a wind-sheltered position or secured against tipping over by other suitable means (e.g. anchors) at wind strengths exceeding 6 (on the Beaufort scale), at the onset of a storm and when finishing work for the day. At wind speeds exceeding 6 on the Beaufort scale (12m/s), it becomes perceptibly difficult to walk forwards.

18. The use of planks etc. to bridge gaps between scaffolding and buildings is not permissible. The scaffold tower must not be used as a stair tower to reach other constructions.



19. Before using the scaffold tower, check that it is in vertical position and correct its alignment if necessary. The scaffold tower must also be checked for correct and complete setup as described in Section 2.8.

2.2. Usage regulations



1. Personnel must always climb to the work platform from the inside of the tower.
2. Personnel must not brace themselves against the side protection when working.
3. Jumping on the platforms is prohibited.
4. Horizontal loads which could cause the scaffold tower to tip over must not be generated, for example by working on adjacent constructions.
5. Particular attention must be paid to the wind conditions when using the scaffold towers next to uncovered buildings or building corners to prevent the scaffold towers tipping over.
6. Using ladders, crates or similar means to increase the height of the platform is prohibited.
7. Tools and materials may only be handed upwards. Always take the weight of tools and materials into consideration to avoid overloading the work platform. The person handing the load upwards must not let go of it until the person receiving it has a firm hold on it.
8. Scaffold towers with swivel castors can be moved to their final location after assembly (the ground or floor must not slope by more than 3 %). Any impact must be avoided. When the scaffold tower is in its final position, the alignment must be checked again.
9. When moving the scaffold tower, always take care that it does not touch any live equipment.
10. Electrical tools (drills etc.) may only be operated on the scaffold tower at Safety Extra Low Voltage (48 V), with protective insulation (separation transformer) or if they are connected with a ground fault circuit interrupter with a residual current of 30 mA. The stipulations of BGI 594 (formerly ZH 1/228) must be complied with.
11. Tools and materials must be stored on the work platform in such a way that there is a passageway of 20 cm at the sides of the work platform.

2.3. Working on electrical units with the scaffold tower

The scaffold tower must not be used to perform work on or in the vicinity of unprotected live units unless

- the section of the unit in question has been disconnected,
- the section of the unit in question has been secured against being switched back on,
- the section of the unit in question has been checked to ensure that it is not live,
- the section of the unit in question has been short-circuited with a grounding bar and
- the section of the unit in question has been shielded against adjacent live parts.

2.4. Other applicable safety instructions

The scaffold tower must be tested, set up and used in accordance with the stipulations of

- BGI 663 (employers' liability insurance association, building construction) " Instructions for handling work and safety scaffolds."

BGR 165 and BGI 594 (formerly ZH 1/228) "Safety rules for the use of electrical equipment in the case of increased electrical hazard" apply when using electrical equipment on the scaffold tower.

2.5. Technical data scaffold tower normal 0.75 m x 1.8 m / 2.5 m / 3.0 m

Approved in accordance with EN 1004	Scaffolding category 3
Permissible load in accordance with scaffolding category 3	200 kg/m²
Total maximum load for the scaffold tower	202 kg / 286 kg / 346 kg
Maximum platform load	404 kg / 572 kg / 692 kg
Maximum platform height	13.20 m

Technical data scaffold tower wide 1.35 m x 1.8 m / 2.5 m / 3.0 m

Approved in accordance with EN 1004	Scaffolding category 3
Permissible load in accordance with scaffolding category 3	200 kg/m²
Total maximum load for the scaffold tower	202 kg / 286 kg / 346 kg
Maximum platform load	404 kg / 572 kg / 692 kg
Maximum platform height	13.20 m

2.6.a
General assembly regulations for unpair platform heights (1m, 3m, 5m, ...) start with 2m frames without diagonals in the bottom.

1a.
Assembling swivel castors at first 2m frame.

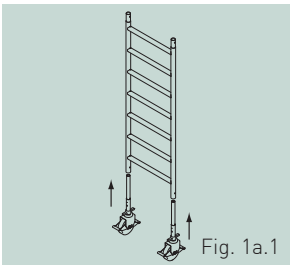


Fig. 1a.1

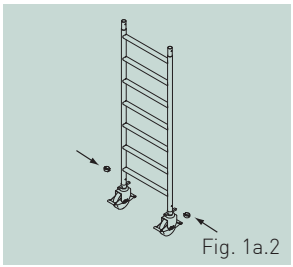


Fig. 1a.2

2a.
Install first advanced guardrail on top of the 2m frame.

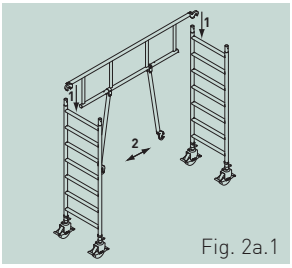


Fig. 2a.1

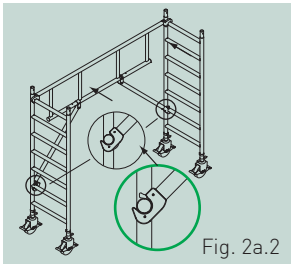


Fig. 2a.2

3.a
Install second advanced guardrail.

Go on with point 4.1!

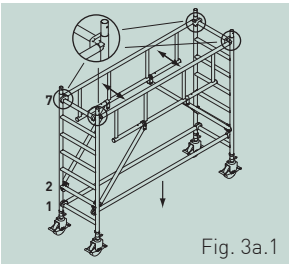


Fig. 3a.1

2.5.b
General assembly regulations for pair platform heights (2m, 4m, 6m, ...) start with 1m frames with diagonals in the bottom.

1b.
Assembling swivel castors at first 1m frame.

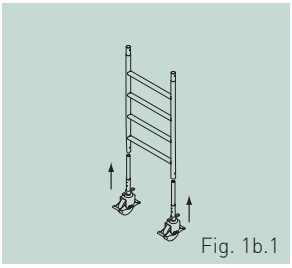


Fig. 1b.1

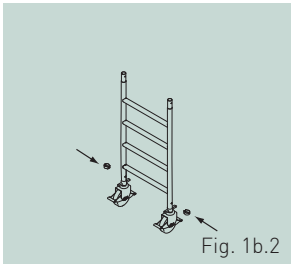


Fig. 1b.2

2b.
Put on both sides 2m frames on top of the 1m frames and put horizontals and diagonals in the bottom.

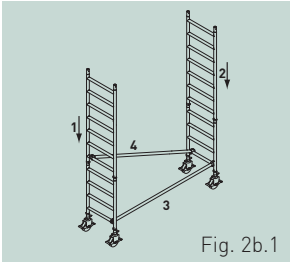


Fig. 2b.1

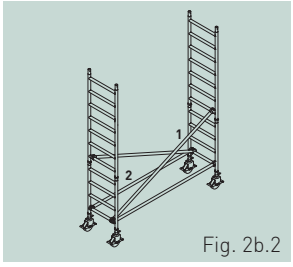


Fig. 2b.2

3b.
Install both advanced guardrails on top of the 2m frames.

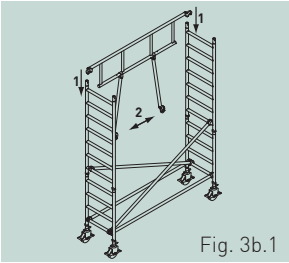


Fig. 3b.1

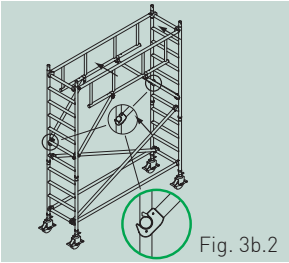


Fig. 3b.2

4.1
Put the platform on the rung.
Fig 4.1a:
at unpair platform heights (1m, 3m, 5m, ...) on 3rd rung

Fig 4.1b:
at pair platform heights (2m, 4m, 6m, ...) on 7th rung

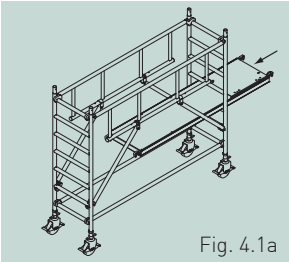


Fig. 4.1a

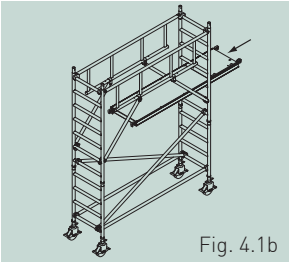


Fig. 4.1b

4.2
Fix platform on rung

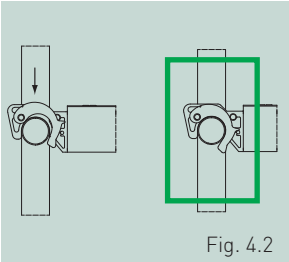


Fig. 4.2

5.
Assembly of stabilisers

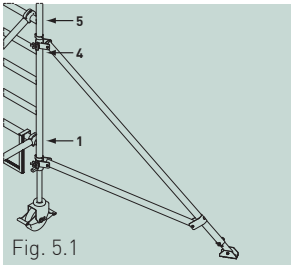


Fig. 5.1

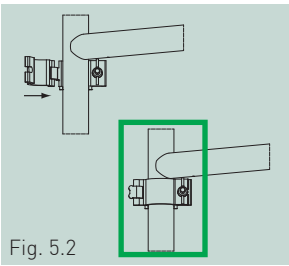


Fig. 5.2

6.
Attach ballast weights (if necessary!)

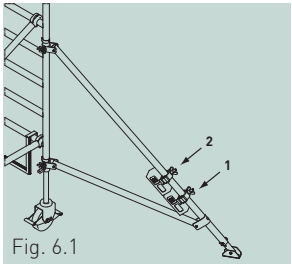


Fig. 6.1

7.
Put other frames, advanced guardrails and platforms like in the way before.

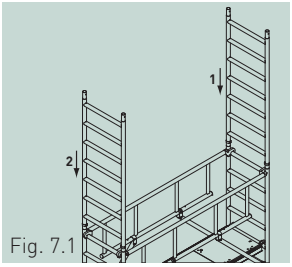


Fig. 7.1

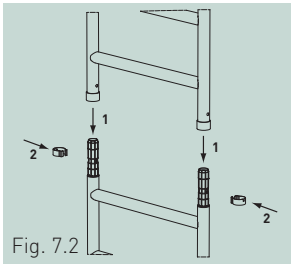


Fig. 7.2

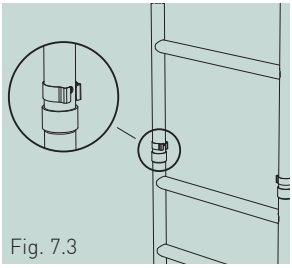


Fig. 7.3

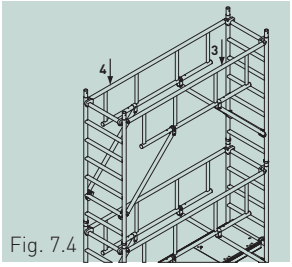


Fig. 7.4

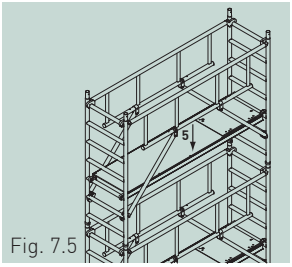


Fig. 7.5

8.
Fit toeboards

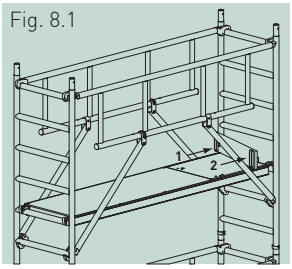


Fig. 8.1

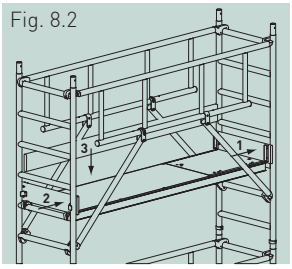
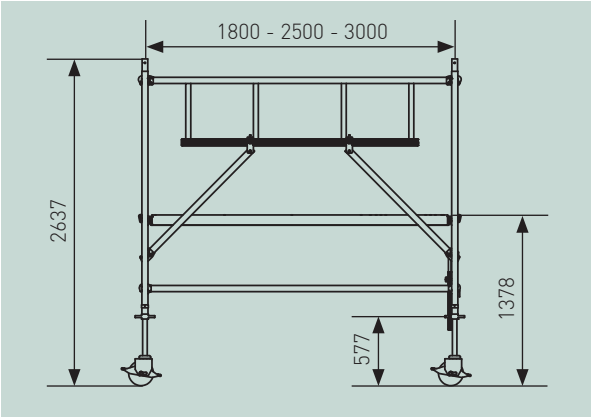


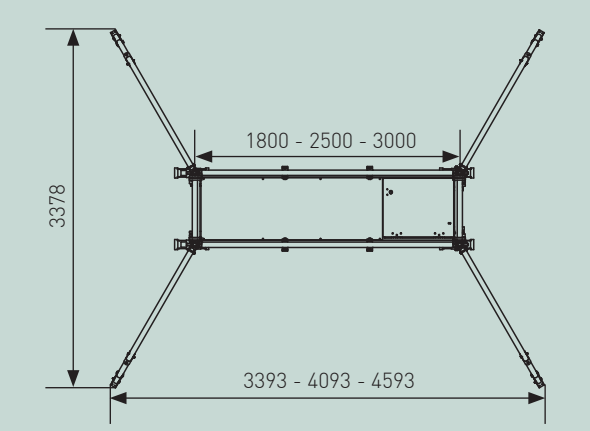
Fig. 8.2

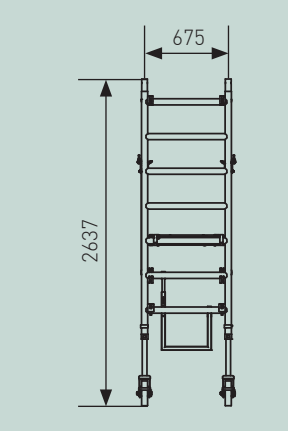
2.7. Note on dismantling the scaffold tower

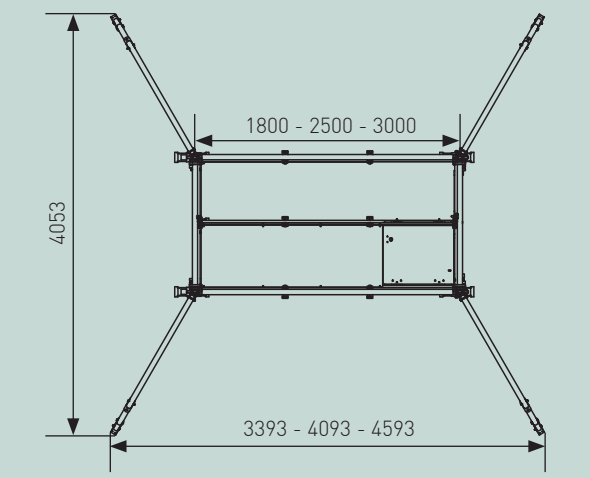
To dismantle the scaffold tower, follow the steps for assembly in reverse order. Before commencing dismantling, ensure that the necessary platforms or scaffold planks are installed again and laid flat for personnel to stand on. No part of the scaffold tower (braces, platforms etc.) may be removed before the levels above have been completely dismantled.

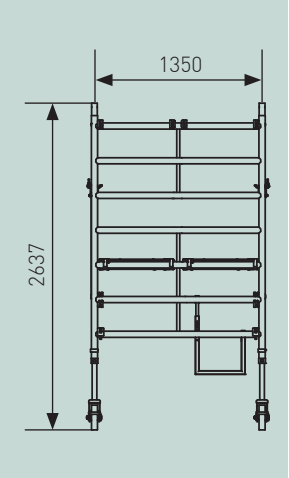
2.8. Basic dimensions



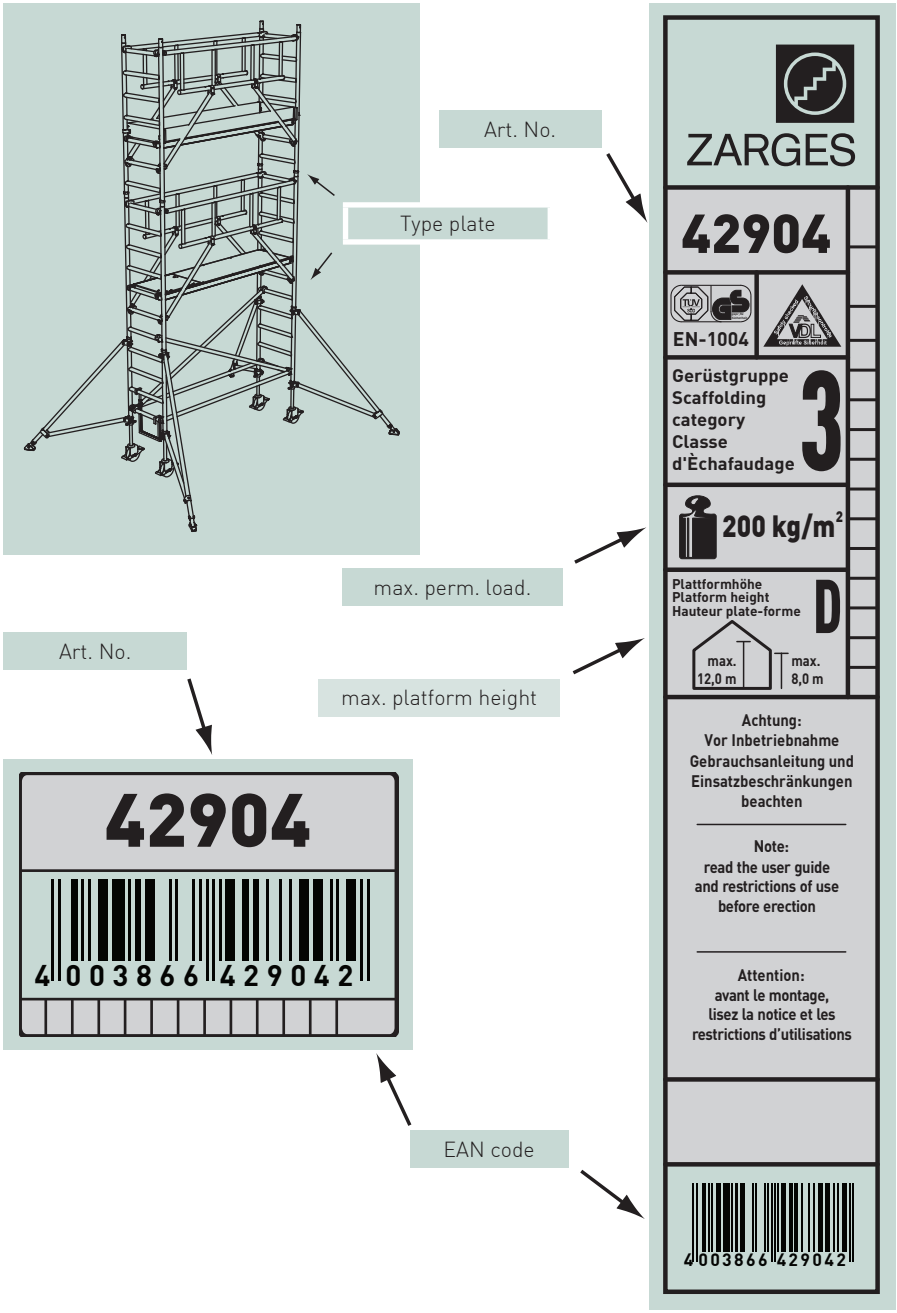








2.9. Identification



2.10. Parts list incl. ballast (see also 3.2)

Scaffold tower normal 0.75 m x 1.8 m / 2.5 m / 3.0 m

Working height [1]	Parts list [1.8 / 2.5 / 3.0]	Single wide ladderframe structure 1 m	Single wide ladderframe structure 2 m	Advanced Guardrail 1.8 m	Advanced Guardrail 2.5 m	Advanced Guardrail 3.0 m	Platform with trapdoor 1.8 m	Platform with trapdoor 2.5 m	Platform with trapdoor 3.0 m	Crosswise board	Length toeboard 1.8 m	Length toeboard 2.5 m	Length toeboard 3.0 m	Diagonale brace 1.8 m	Diagonale brace 2.5 m	Diagonale brace 3.0 m	Horizontale brace 1.8 m	Horizontale brace 2.5 m	Horizontale brace 3.0 m	Basic braces 1.8 m	Basic braces 2.5 m	Basic braces 3.0 m	Stabilisers S-PLUS	Wheel Ø200 mm	Base step	Number of ballast weights per fastening of stabilisers.	Indoors	Outdoors
app. [m]	Order no.	42905	42904	42837	42838	42839	42931	42910	42933	42913	42943	42914	42944	42937	42908	42938	42935	42907	42936	42886	42887	42888	42850	42917	42940		42912	
	52225	-	2	2	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	4	1		0	0
3.35	52226	-	2	-	2	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	4	1		0	0
	52227	-	2	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	4	1		0	0
	52235	2	2	2	-	-	1	-	-	2	2	-	-	2	-	-	2	-	-	-	-	-	4	4	1		0	0
4.45	52236	2	2	-	2	-	-	1	-	2	-	2	-	-	2	-	-	2	-	-	-	-	4	4	1		0	0
	52237	2	2	-	-	2	-	-	1	2	-	-	2	-	-	2	-	-	2	-	-	-	4	4	1		0	0
	52245	-	4	4	-	-	2	-	-	2	2	-	-	-	-	-	2	-	-	-	-	-	4	4	1		0	0
5.30	52246	-	4	-	4	-	-	2	-	2	-	2	-	-	-	-	-	2	-	-	-	-	4	4	1		0	0
	52247	-	4	-	-	4	-	-	2	2	-	-	2	-	-	-	-	-	2	-	-	-	4	4	1		0	0
	52255	2	4	4	-	-	2	-	-	2	2	-	-	2	-	-	2	-	-	-	-	-	4	4	1		0	0
6.45	52256	2	4	-	4	-	-	2	-	2	-	2	-	-	2	-	-	2	-	-	-	-	4	4	1		0	0
	52257	2	4	-	-	4	-	-	2	2	-	-	2	-	-	2	-	-	2	-	-	-	4	4	1		0	0
	52265	-	6	6	-	-	3	-	-	2	2	-	-	-	-	-	2	-	-	-	-	-	4	4	1		0	0
7.30	52266	-	6	-	6	-	-	3	-	2	-	2	-	-	-	-	-	2	-	-	-	-	4	4	1		0	1
	52267	-	6	-	-	6	-	-	3	2	-	-	2	-	-	-	-	-	2	-	-	-	4	4	1		0	2
	52275	2	6	6	-	-	3	-	-	2	2	-	-	2	-	-	2	-	-	-	-	-	4	4	1		0	2
8.40	52276	2	6	-	6	-	-	3	-	2	-	2	-	-	2	-	-	2	-	-	-	-	4	4	1		0	3
	52277	2	6	-	-	6	-	-	3	2	-	-	2	-	-	2	-	-	2	-	-	-	4	4	1		0	4
	52285	-	8	8	-	-	4	-	-	2	2	-	-	-	-	-	-	-	-	2	-	-	4	4	1		0	X
9.25	52286	-	8	-	8	-	-	4	-	2	-	2	-	-	-	-	-	-	-	-	2	-	4	4	1		0	X
	52287	-	8	-	-	8	-	-	4	2	-	-	2	-	-	-	-	-	-	-	-	2	4	4	1		0	X
	52295	2	8	8	-	-	4	-	-	2	2	-	-	2	-	-	-	-	-	2	-	-	4	4	1		0	X
10.40	52296	2	8	-	8	-	-	4	-	2	-	2	-	-	2	-	-	-	-	-	2	-	4	4	1		0	X
	52297	2	8	-	-	8	-	-	4	2	-	-	2	-	-	2	-	-	-	-	-	2	4	4	1		0	X
	52305	-	10	10	-	-	5	-	-	2	2	-	-	-	-	-	-	-	-	2	-	-	4	4	1		0	X
11.20	52306	-	10	-	10	-	-	5	-	2	-	2	-	-	2	-	-	-	-	-	2	-	4	4	1		0	X
	52307	-	10	-	-	10	-	-	5	2	-	-	2	-	-	-	-	-	-	-	-	2	4	4	1		0	X
	52315	2	10	10	-	-	5	-	-	2	2	-	-	2	-	-	-	-	-	2	-	-	4	4	1		0	X
12.35	52316	2	10	-	10	-	-	5	-	2	-	2	-	-	2	-	-	-	-	-	2	-	4	4	1		0	X
	52317	2	10	-	-	10	-	-	5	2	-	-	2	-	-	2	-	-	-	-	-	2	4	4	1		0	X
	52325	-	12	12	-	-	6	-	-	2	2	-	-	-	-	-	-	-	-	2	-	-	4	4	1		5	X
13.20	52326	-	12	-	12	-	-	6	-	2	-	2	-	-	-	-	-	-	-	-	2	-	4	4	1		5	X
	52327	-	12	-	-	12	-	-	6	2	-	-	2	-	-	-	-	-	-	-	-	2	4	4	1		5	X

X = not permissible

[1] With max. swivelled-out swivel castors 42917 (adjustment range: 0.30 m). Please use anti-twist device 42865 (see Page 34) for stabilisers to prevent wilful twisting of the stabilisers. Anti-twist devices are prescribed by EN 1004, Point 7.7.1.
Pay attention to the ballasting specifications in the operating and assembly instructions!

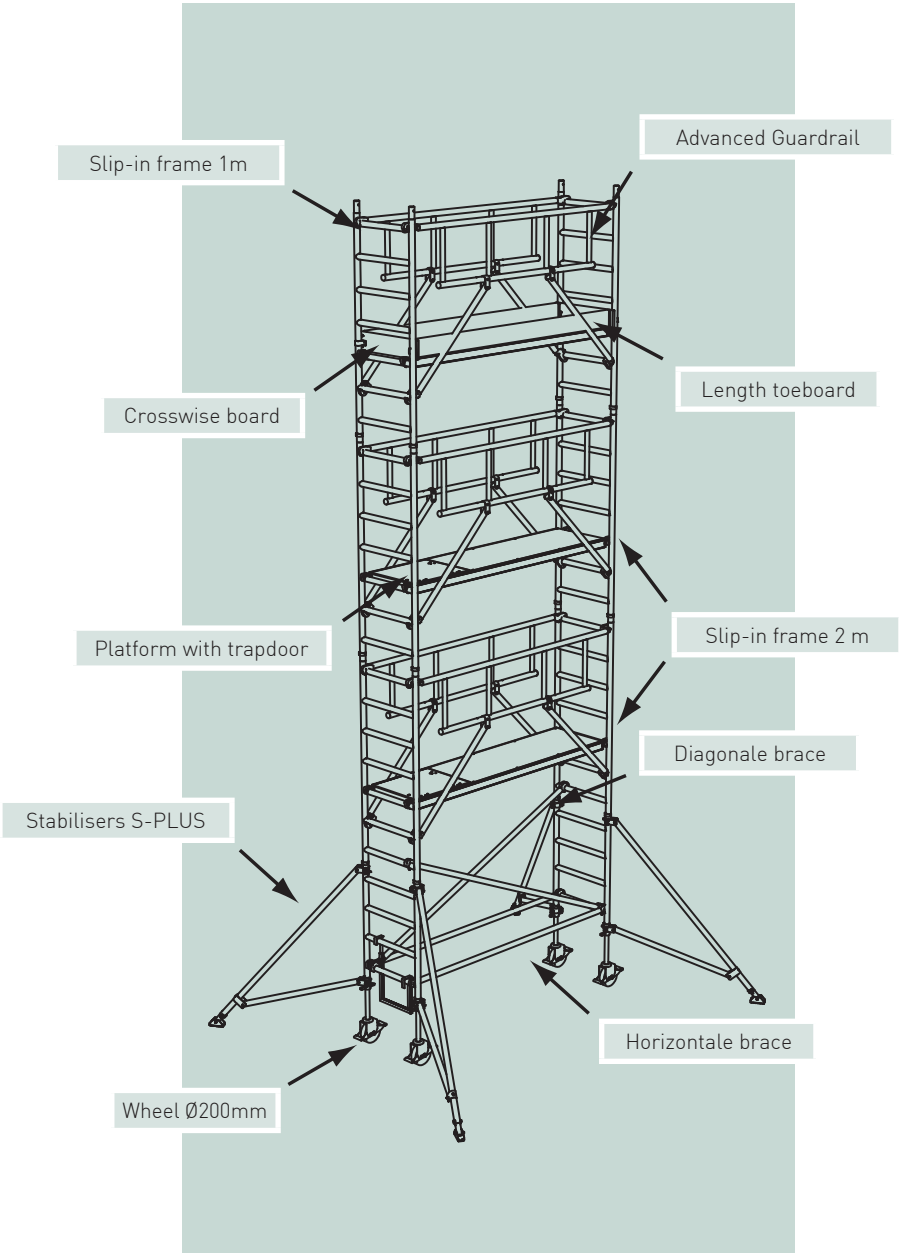
Scaffold tower wide 1.35 m x 1.8 m / 2.5 m / 3.0 m

Working height [1]	Parts list [1.8 / 2.5 / 3.0]	Single wide ladderframe structure 1 m	Single wide ladderframe structure 2 m	Advanced Guardrail 1.8m	Advanced Guardrail 2.5m	Advanced Guardrail 3.0m	Platform with trapdoor 1.8 m	Platform with trapdoor 2.5 m	Platform with trapdoor 3.0 m	Platform without trap. 1.8 m	Platform without trap. 2.5 m	Platform without trap. 3.0 m	Crosswise board	Length toeboard 1.8 m	Length toeboard 2.5 m	Length toeboard 3.0 m	Diagonale brace 1.8 m	Diagonale brace 2.5 m	Diagonale brace 3.0 m	Horizontale brace 1.8 m	Horizontale brace 2.5 m	Horizontale brace 3.0 m	Basic braces 1.8 m	Basic braces 2.5 m	Basic braces 3.0 m	Stabilisers S-PLUS	Wheel Ø 200 mm	Base step	Number of ballast weights per fastening of stabilisers. Indoors	Outdoors
app. [m]	Order no.	42902	42901	42837	42838	42839	42931	42910	42933	42932	42930	42934	42911	42943	42914	42944	42937	42908	42938	42935	42907	42936	42886	42887	42888	42850	42917	42940	42912	
	52425	-	2	2	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	4	1	0	0
3.35	52426	-	2	-	2	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	4	1	0	0
	52427	-	2	-	-	2	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	4	1	0	0
	52435	2	2	2	-	-	1	-	-	1	-	-	2	2	-	-	2	-	-	2	-	-	-	-	-	-	4	1	0	0
4.45	52436	2	2	-	2	-	-	1	-	-	1	-	2	-	2	-	-	2	-	-	2	-	-	-	-	-	4	1	0	0
	52437	2	2	-	-	2	-	-	1	-	-	1	2	-	-	2	-	-	2	-	-	2	-	-	-	-	4	1	0	0
	52445	-	4	4	-	-	2	-	-	2	-	-	2	2	-	-	-	-	-	2	-	-	-	-	-	4	4	1	0	0
5.30	52446	-	4	-	4	-	-	2	-	-	2	-	2	-	2	-	-	-	-	-	2	-	-	-	-	4	4	1	0	0
	52447	-	4	-	-	4	-	-	2	-	-	2	2	-	-	2	-	-	-	-	-	2	-	-	-	4	4	1	0	0
	52455	2	4	4	-	-	2	-	-	2	-	-	2	2	-	-	2	-	-	2	-	-	-	-	-	4	4	1	0	0
6.45	52456	2	4	-	4	-	-	2	-	-	2	-	2	-	2	-	-	2	-	-	2	-	-	-	-	4	4	1	0	0
	52457	2	4	-	-	4	-	-	2	-	-	2	2	-	-	2	-	-	2	-	-	2	-	-	-	4	4	1	0	0
	52465	-	6	6	-	-	3	-	-	3	-	-	2	2	-	-	-	-	-	2	-	-	-	-	-	4	4	1	0	0
7.30	52466	-	6	-	6	-	-	3	-	-	3	-	2	-	2	-	-	-	-	-	2	-	-	-	-	4	4	1	0	0
	52467	-	6	-	-	6	-	-	3	-	-	3	2	-	-	2	-	-	-	-	-	2	-	-	-	4	4	1	0	0
	52475	2	6	6	-	-	3	-	-	3	-	-	2	2	-	-	2	-	-	-	-	-	2	-	-	4	4	1	0	2
8.40	52476	2	6	-	6	-	-	3	-	-	3	-	2	-	2	-	-	2	-	-	-	-	-	2	-	4	4	1	0	0
	52477	2	6	-	-	6	-	-	3	-	-	3	2	-	-	2	-	-	2	-	-	-	-	-	2	4	4	1	0	0
	52485	-	8	8	-	-	4	-	-	4	-	-	2	2	-	-	-	-	-	-	-	-	2	-	-	4	4	1	0	3
9.25	52486	-	8	-	8	-	-	4	-	-	4	-	2	-	2	-	-	-	-	-	-	-	-	2	-	4	4	1	0	X
	52487	-	8	-	-	8	-	-	4	-	-	4	2	-	-	2	-	-	-	-	-	-	-	-	2	4	4	1	0	X
	52495	2	8	8	-	-	4	-	-	4	-	-	2	2	-	-	2	-	-	-	-	-	2	-	-	4	4	1	0	X
10.40	52496	2	8	-	8	-	-	4	-	-	4	-	2	-	2	-	-	2	-	-	-	-	-	2	-	4	4	1	0	X
	52497	2	8	-	-	8	-	-	4	-	-	4	2	-	-	2	-	-	2	-	-	-	-	-	2	4	4	1	0	X
	52505	-	10	10	-	-	5	-	-	5	-	-	2	2	-	-	-	-	-	-	-	-	2	-	-	4	4	1	0	X
11.20	52506	-	10	-	10	-	-	5	-	-	5	-	2	-	2	-	-	-	-	-	-	-	-	2	-	4	4	1	0	X
	52507	-	10	-	-	10	-	-	5	-	-	5	2	-	-	2	-	-	-	-	-	-	-	-	2	4	4	1	0	X
	52515	2	10	10	-	-	5	-	-	5	-	-	2	2	-	-	2	-	-	-	-	-	2	-	-	4	4	1	0	X
12.35	52516	2	10	-	10	-	-	5	-	-	5	-	2	-	2	-	-	2	-	-	-	-	-	2	-	4	4	1	0	X
	52517	2	10	-	-	10	-	-	5	-	-	5	2	-	-	2	-	-	2	-	-	-	-	-	2	4	4	1	0	X
	52525	-	12	12	-	-	6	-	-	6	-	-	2	2	-	-	-	-	-	-	-	-	2	-	-	4	4	1	0	X
13.20	52526	-	12	-	12	-	-	6	-	-	6	-	2	-	2	-	-	-	-	-	-	-	-	2	-	4	4	1	0	X
	52527	-	12	-	-	12	-	-	6	-	-	6	2	-	-	2	-	-	-	-	-	-	-	-	2	4	4	1	0	X

X = not permissible

[1] With max. swivelled-out swivel castors 42917 (adjustment range: 0.30 m). Please use anti-twist device 42865 (see Page 34) for stabilisers to prevent wilful twisting of the stabilisers. Anti-twist devices are prescribed by EN 1004, Point 7.7.1.
Pay attention to the ballasting specifications in the operating and assembly instructions!

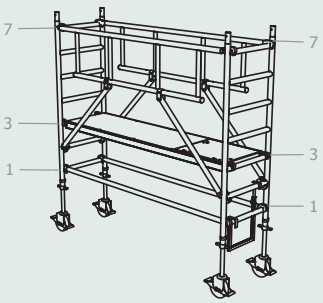
2.11. Position of the individual parts



Normal, working height 3.35m (0,75m x 1.8m/2.5m/3.0m)

	Name	ID	52225	52226	52227
1	Slip-in frame 2m	**42904**	2	2	2
	Advanced Guardrail 1.8m	**42837**	2	2	2
2	Advanced Guardrail 2.5m	**42838**	-	2	-
	Advanced Guardrail 3.0m	**42839**	-	-	2
	Platform with trapdoor 1.8m	**42931**	1	-	-
3	Platform with trapdoor 2.5m	**42910**	-	1	-
	Platform with trapdoor 3.0m	**42933**	-	-	1
	Horizontale brace 1.8m	**42935**	2	-	-
4	Horizontale brace 2.5m	**42907**	-	2	-
	Horizontale brace 3.0m	**42936**	-	-	2
5	Wheel Ø 200mm	**42917**	4	4	4
6	Base step	**42940**	1	1	1
	Weight [kg]		75	86	95

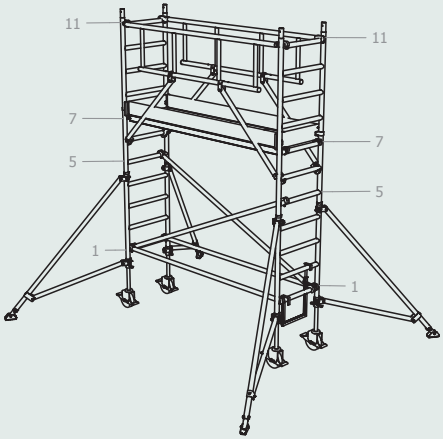
No ballast weights needed!



Normal, working height 4.45m (0,75m x 1.8m/2.5m/3.0m)

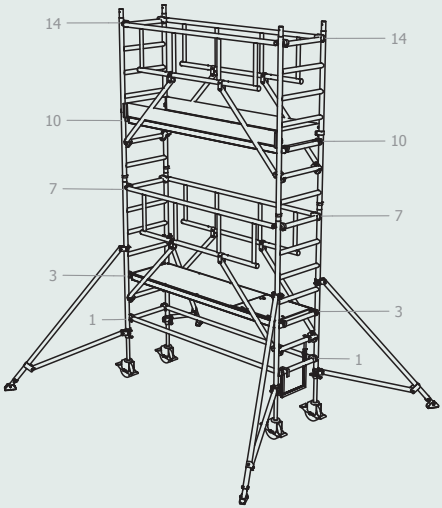
	Name	ID	52235	52236	52237
1	Slip-in frame 1m	**42905**	2	2	2
2	Slip-in frame 2m	**42904**	2	2	2
	Advanced Guardrail 1.8m	**42837**	2	-	-
3	Advanced Guardrail 2.5m	**42838**	-	2	-
	Advanced Guardrail 3.0m	**42839**	-	-	2
	Platform with trapdoor 1.8m	**42931**	1	-	-
4	Platform with trapdoor 2.5m	**42910**	-	1	-
	Platform with trapdoor 3.0m	**42933**	-	-	1
5	Crosswise board	**42913**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
6	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Diagonal brace 1.8m	**42937**	2	-	-
7	Diagonal brace 2.5m	**42908**	-	2	-
	Diagonal brace 3.0m	**42938**	-	-	2
	Horizontale brace 1.8m	**42935**	2	-	-
8	Horizontale brace 2.5m	**42907**	-	2	-
	Horizontale brace 3.0m	**42936**	-	-	2
9	Stabiliser S-PLUS	**42850**	4	4	4
10	Wheel Ø 200mm	**42917**	4	4	4
11	Base step	**42940**	1	1	1
	Weight [kg]		118	133	144

No ballast weights needed!



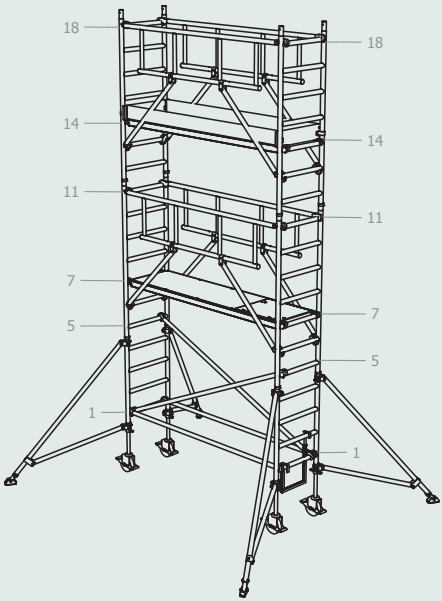
Normal, working height 5.30m (0,75m x 1.8m/2.5m/3.0m)

	Name	ID	52245	52246	52247
1	Slip-in frame 2m	42904	4	4	4
	Advanced Guardrail 1.8m	42837	4	-	-
2	Advanced Guardrail 2.5m	42838	-	4	-
	Advanced Guardrail 3.0m	42839	-	-	4
	Platform with trapdoor 1.8m	42931	2	-	-
3	Platform with trapdoor 2.5m	42910	-	2	-
	Platform with trapdoor 3.0m	42933	-	-	2
4	Crosswise board	42913	2	2	2
	Lengthwise board 1.8m	42943	2	-	-
5	Lengthwise board 2.5m	42914	-	2	-
	Lengthwise board 3.0m	42944	-	-	2
	Horizontale brace 1.8m	42935	2	-	-
6	Horizontale brace 2.5m	42907	-	2	-
	Horizontale brace 3.0m	42936	-	-	2
7	Stabiliser S-PLUS	42850	4	4	4
8	Wheel Ø 200mm	42917	4	4	4
9	Base step	42940	1	1	1
	Weight [kg]		145	169	187
	No ballast weights needed!				



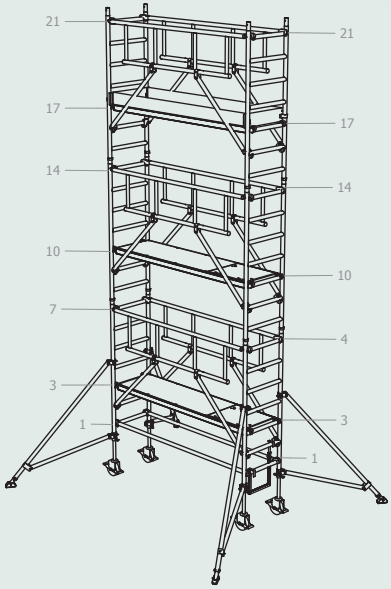
Normal, working height 6.45m (0,75m x 1.8m/2.5m/3.0m)

	Name	ID	52255	52256	52257
1	Slip-in frame 1m	42905	2	2	2
2	Slip-in frame 2m	42904	4	4	4
	Advanced Guardrail 1.8m	42837	4	-	-
3	Advanced Guardrail 2.5m	42838	-	4	-
	Advanced Guardrail 3.0m	42839	-	-	4
	Platform with trapdoor 1.8m	42931	2	-	-
4	Platform with trapdoor 2.5m	42910	-	2	-
	Platform with trapdoor 3.0m	42933	-	-	2
5	Crosswise board	42913	2	2	2
	Lengthwise board 1.8m	42943	2	-	-
6	Lengthwise board 2.5m	42914	-	2	-
	Lengthwise board 3.0m	42944	-	-	2
	Diagonal brace 1.8m	42937	2	-	-
7	Diagonal brace 2.5m	42908	-	2	-
	Diagonal brace 3.0m	42938	-	-	2
	Horizontale brace 1.8m	42935	2	-	-
8	Horizontale brace 2.5m	42907	-	2	-
	Horizontale brace 3.0m	42936	-	-	2
9	Stabiliser S-PLUS	42850	4	4	4
10	Wheel Ø 200mm	42917	4	4	4
11	Base step	42940	1	1	1
	Weight [kg]		159	183	202
	No ballast weights needed!				



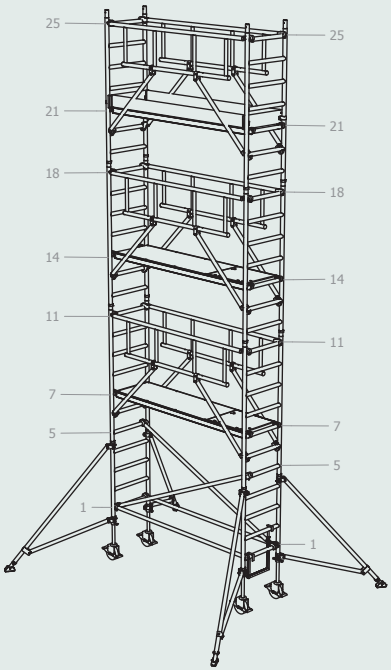
Normal, working height 7.30m (0,75m x 1.8m/2.5m/3.0m)

	Name	ID	52265	52266	52267
1	Slip-in frame 2m	42904	6	6	6
	Advanced Guardrail 1.8m	42837	6	-	-
2	Advanced Guardrail 2.5m	42838	-	6	-
	Advanced Guardrail 3.0m	42839	-	-	6
	Platform with trapdoor 1.8m	42931	3	-	-
3	Platform with trapdoor 2.5m	42910	-	3	-
	Platform with trapdoor 3.0m	42933	-	-	3
4	Crosswise board	42913	2	2	2
	Lengthwise board 1.8m	42943	2	-	-
5	Lengthwise board 2.5m	42914	-	2	-
	Lengthwise board 3.0m	42944	-	-	2
	Horizontale brace 1.8m	42935	2	-	-
6	Horizontale brace 2.5m	42907	-	2	-
	Horizontale brace 3.0m	42936	-	-	2
7	Stabiliser S-PLUS	42850	4	4	4
8	Wheel Ø 200mm	42917	4	4	4
9	Base step	42940	1	1	1
	Weight [kg]		186	219	245
Number of ballast weights per fastening of stabilisers.					
	Ballast weights indoors	42912	0	0	0
	Ballast weights outdoors		0	1	2



Normal, working height 8.40m (0,75m x 1.8m/2.5m/3.0m)

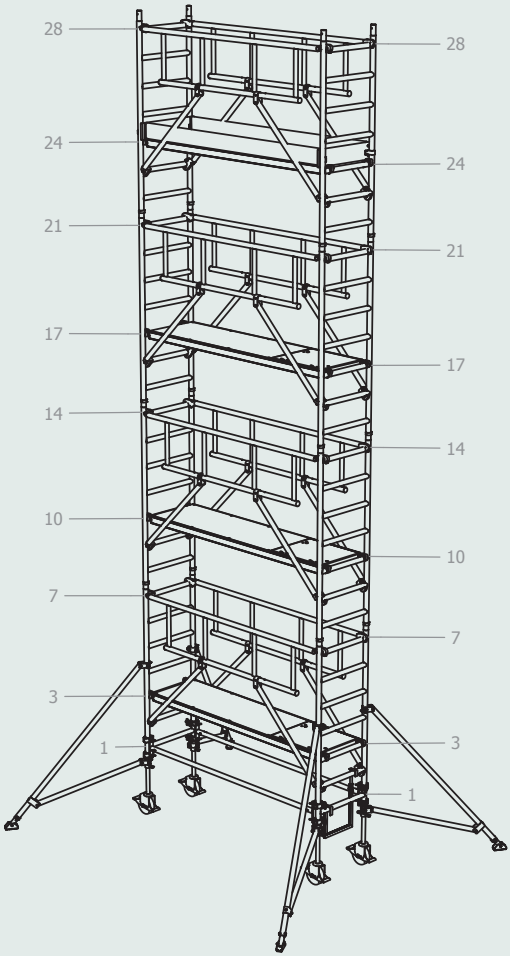
	Name	ID	52275	52276	52277
1	Slip-in frame 1m	42905	2	2	2
2	Slip-in frame 2m	42904	6	6	6
	Advanced Guardrail 1.8m	42837	6	-	-
3	Advanced Guardrail 2.5m	42838	-	6	-
	Advanced Guardrail 3.0m	42839	-	-	6
	Platform with trapdoor 1.8m	42931	3	-	-
4	Platform with trapdoor 2.5m	42910	-	3	-
	Platform with trapdoor 3.0m	42933	-	-	3
5	Crosswise board	42913	2	2	2
	Lengthwise board 1.8m	42943	2	-	-
6	Lengthwise board 2.5m	42914	-	2	-
	Lengthwise board 3.0m	42944	-	-	2
	Diagonal brace 1.8m	42937	2	-	-
7	Diagonal brace 2.5m	42908	-	2	-
	Diagonal brace 3.0m	42938	-	-	2
	Horizontale brace 1.8m	42935	2	-	-
8	Horizontale brace 2.5m	42907	-	2	-
	Horizontale brace 3.0m	42936	-	-	2
9	Stabiliser S-PLUS	42850	4	4	4
10	Wheel Ø 200mm	42917	4	4	4
11	Base step	42940	1	1	1
	Weight [kg]		199	233	260
Number of ballast weights per fastening of stabilisers.					
	Ballast weights indoors	42912	0	0	0
	Ballast weights outdoors		2	3	4



Normal, working height 9.25m (0,75m x 1.8m/2.5m/3.0m)

	Name	ID	52285	52286	52287
1	Slip-in frame 2m	**42904**	8	8	8
	Advanced Guardrail 1.8m	**42837**	8	-	-
2	Advanced Guardrail 2.5m	**42838**	-	8	-
	Advanced Guardrail 3.0m	**42839**	-	-	8
	Platform with trapdoor 1.8m	**42931**	4	-	-
3	Platform with trapdoor 2.5m	**42910**	-	4	-
	Platform with trapdoor 3.0m	**42933**	-	-	4
4	Crosswise board	**42913**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
5	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Basic brace 1.8m	**42886**	2	-	-
6	Basic brace 2.5m	**42887**	-	2	-
	Basic brace 3.0m	**42888**	-	-	2
7	Stabiliser S-PLUS	**42850**	4	4	4
8	Wheel Ø 200mm	**42917**	4	4	4
9	Base step	**42940**	1	1	1
	Weight [kg]		235	277	313
Number of ballast weights per fastening of stabilisers.					
	Ballast weights indoors	**42912**	0	0	0
	Ballast weights outdoors		X	X	X

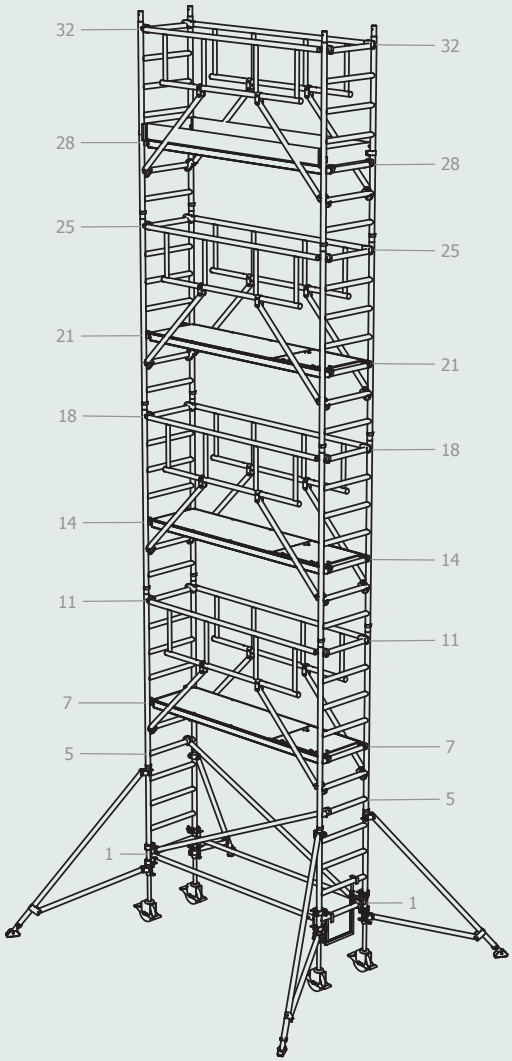
X = not permissible



Normal, working height 10.40m (0,75m x 1.8m/2.5m/3.0m)

	Name	ID	52295	52296	52297
1	Slip-in frame 1m	**42905**	2	2	2
2	Slip-in frame 2m	**42904**	8	8	8
	Advanced Guardrail 1.8m	**42837**	8	-	-
3	Advanced Guardrail 2.5m	**42838**	-	8	-
	Advanced Guardrail 3.0m	**42839**	-	-	8
	Platform with trapdoor 1.8m	**42931**	4	-	-
4	Platform with trapdoor 2.5m	**42910**	-	4	-
	Platform with trapdoor 3.0m	**42933**	-	-	4
5	Crosswise board	**42913**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
6	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Diagonal brace 1.8m	**42937**	2	-	-
7	Diagonal brace 2.5m	**42908**	-	2	-
	Diagonal brace 3.0m	**42938**	-	-	2
	Basic brace 1.8m	**42886**	2	-	-
8	Basic brace 2.5m	**42887**	-	2	-
	Basic brace 3.0m	**42888**	-	-	2
9	Stabiliser S-PLUS	**42850**	4	4	4
10	Wheel Ø 200mm	**42917**	4	4	4
11	Base step	**42940**	1	1	1
	Weight [kg]		248	292	328
Number of ballast weights per fastening of stabilisers.					
	Ballast weights indoors	**42912**	0	0	0
	Ballast weights outdoors		X	X	X

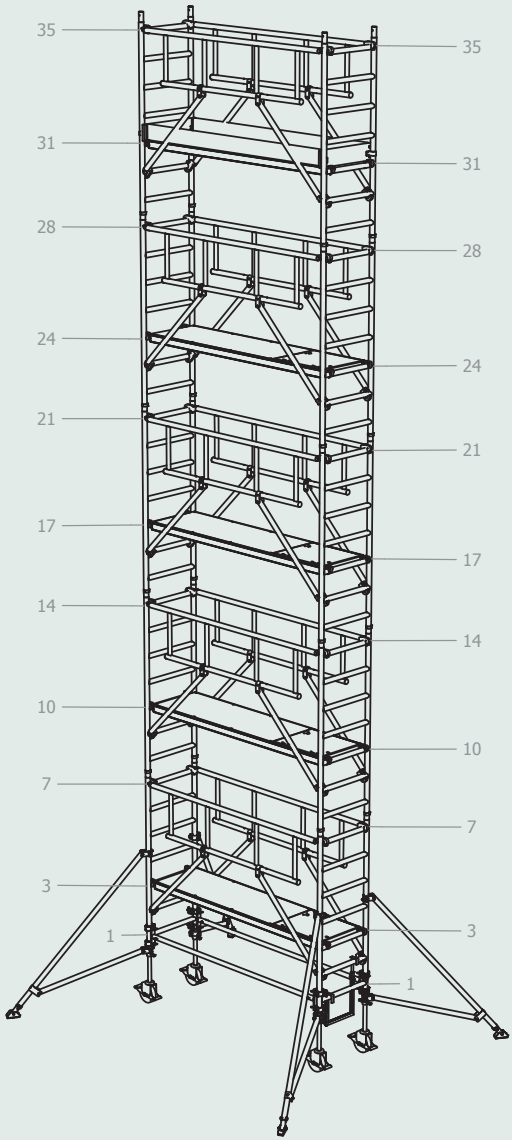
X = not permissible



Normal, working height 11.20m (0,75m x 1.8m/2.5m/3.0m)

	Name	ID	52305	52306	52307
1	Slip-in frame 2m	**42904**	10	10	10
	Advanced Guardrail 1.8m	**42837**	10	-	-
2	Advanced Guardrail 2.5m	**42838**	-	10	-
	Advanced Guardrail 3.0m	**42839**	-	-	10
	Platform with trapdoor 1.8m	**42931**	5	-	-
3	Platform with trapdoor 2.5m	**42910**	-	5	-
	Platform with trapdoor 3.0m	**42933**	-	-	5
4	Crosswise board	**42913**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
5	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Basic brace 1.8m	**42886**	2	-	-
6	Basic brace 2.5m	**42887**	-	2	-
	Basic brace 3.0m	**42888**	-	-	2
7	Stabiliser S-PLUS	**42850**	4	4	4
8	Wheel Ø 200mm	**42917**	4	4	4
9	Base step	**42940**	1	1	1
	Weight [kg]		275	328	371
Number of ballast weights per fastening of stabilisers.					
	Ballast weights indoors	**42912**	0	0	0
	Ballast weights outdoors		X	X	X

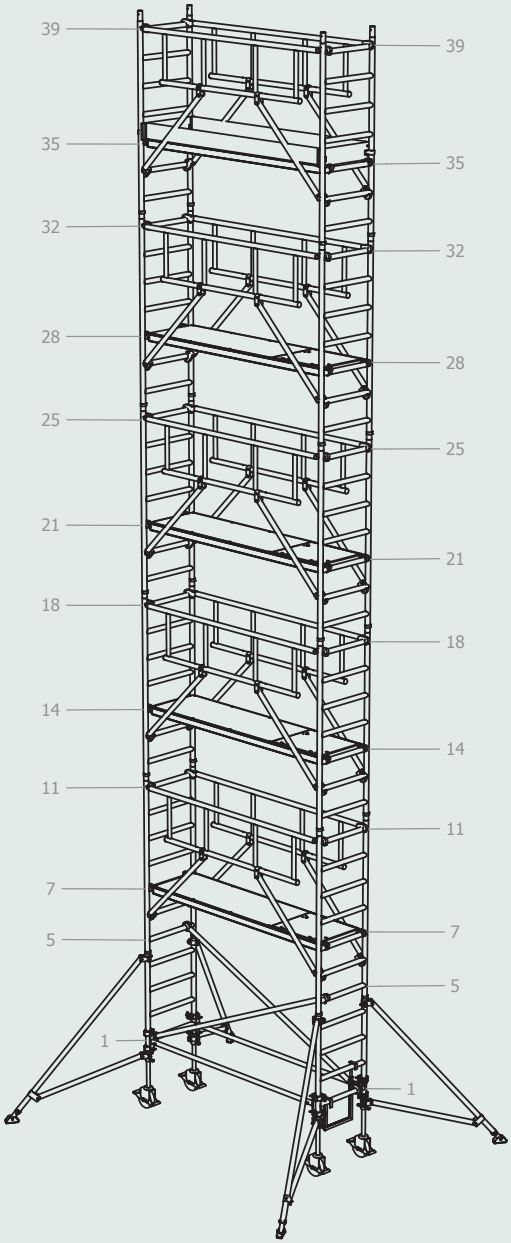
X = not permissible



Normal, working height 12.35m (0,75m x 1.8m/2.5m/3.0m)

	Name	ID	52315	52316	52317
1	Slip-in frame 1m	**42905**	2	2	2
2	Slip-in frame 2m	**42904**	10	10	10
	Advanced Guardrail 1.8m	**42837**	10	-	-
3	Advanced Guardrail 2.5m	**42838**	-	10	-
	Advanced Guardrail 3.0m	**42839**	-	-	10
	Platform with trapdoor 1.8m	**42931**	5	-	-
4	Platform with trapdoor 2.5m	**42910**	-	5	-
	Platform with trapdoor 3.0m	**42933**	-	-	5
5	Crosswise board	**42913**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
6	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Diagonal brace 1.8m	**42937**	2	-	-
7	Diagonal brace 2.5m	**42908**	-	2	-
	Diagonal brace 3.0m	**42938**	-	-	2
	Basic brace 1.8m	**42886**	2	-	-
8	Basic brace 2.5m	**42887**	-	2	-
	Basic brace 3.0m	**42888**	-	-	2
9	Stabiliser S-PLUS	**42850**	4	4	4
10	Wheel Ø 200mm	**42917**	4	4	4
11	Base step	**42940**	1	1	1
	Weight [kg]		289	342	386
Number of ballast weights per fastening of stabilisers.					
	Ballast weights indoors	**42912**	0	0	0
	Ballast weights outdoors		X	X	X

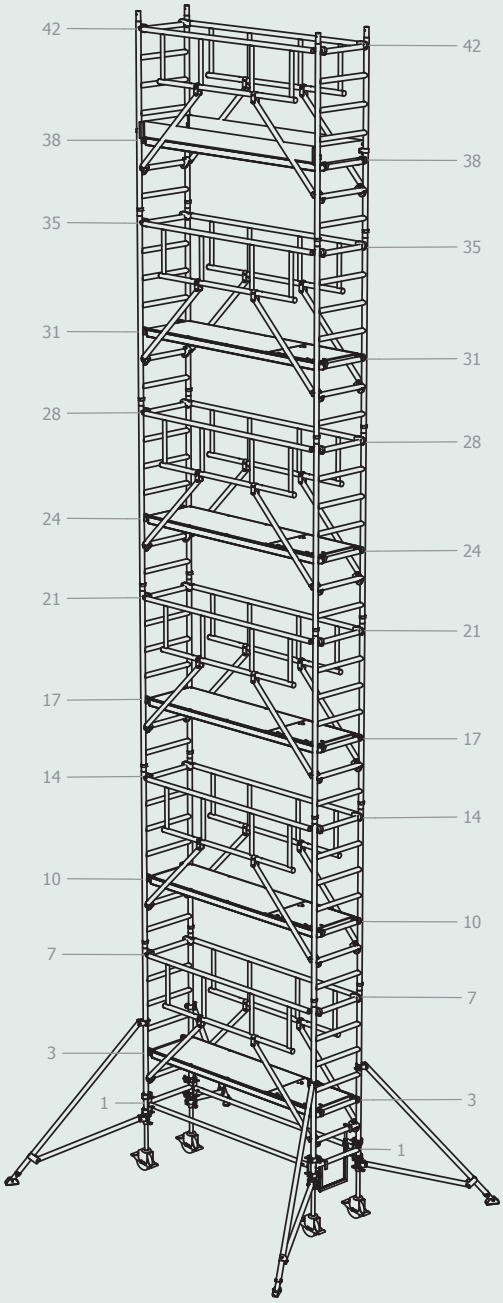
X = not permissible



Normal, working height 13.20m (0,75m x 1.8m/2.5m/3.0m)

	Name	ID	52325	52326	52327
1	Slip-in frame 2m	**42904**	12	12	12
	Advanced Guardrail 1.8m	**42837**	12	-	-
2	Advanced Guardrail 2.5m	**42838**	-	12	-
	Advanced Guardrail 3.0m	**42839**	-	-	12
	Platform with trapdoor 1.8m	**42931**	6	-	-
3	Platform with trapdoor 2.5m	**42910**	-	6	-
	Platform with trapdoor 3.0m	**42933**	-	-	6
4	Crosswise board	**42913**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
5	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Basic brace 1.8m	**42886**	2	-	-
6	Basic brace 2.5m	**42887**	-	2	-
	Basic brace 3.0m	**42888**	-	-	2
7	Stabiliser S-PLUS	**42850**	4	4	4
8	Wheel Ø 200mm	**42917**	4	4	4
9	Base step	**42940**	1	1	1
	Weight [kg]		316	378	429
Number of ballast weights per fastening of stabilisers.					
	Ballast weights indoors	**42912**	5	5	5
	Ballast weights outdoors		X	X	X

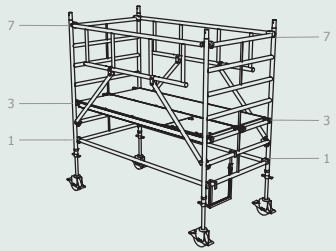
X = not permissible



Wide, working height 3.35m (1,35m x 1.8m/2.5m/3.0m)

	Name	ID	52425	52426	52427
1	Slip-in frame 2m	**42901**	2	2	2
	Advanced Guardrail 1.8m	**42837**	2	2	2
2	Advanced Guardrail 2.5m	**42838**	-	2	-
	Advanced Guardrail 3.0m	**42839**	-	-	2
	Platform with trapdoor 1.8m	**42931**	1	-	-
3	Platform with trapdoor 2.5m	**42910**	-	1	-
	Platform with trapdoor 3.0m	**42933**	-	-	1
	Platform without trap. 1.8m	**42932**	1	-	-
4	Platform without trap. 2.5m	**42930**	-	1	-
	Platform without trap. 3.0m	**42934**	-	-	1
	Horizontale brace 1.8m	**42935**	2	-	-
5	Horizontale brace 2.5m	**42907**	-	2	-
	Horizontale brace 3.0m	**42936**	-	-	2
6	Wheel Ø 200mm	**42917**	4	4	4
7	Base step	**42940**	1	1	1
	Weight [kg]		95	110	122

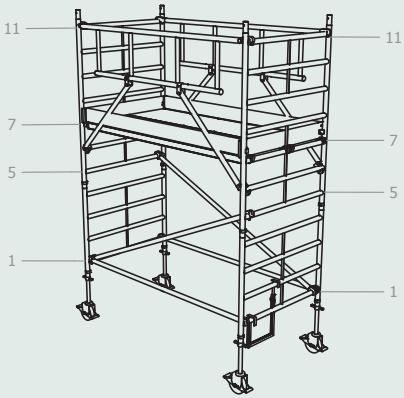
No ballast weights needed!



Wide, working height 4.45m (1,35m x 1.8m/2.5m/3.0m)

	Name	ID	52235	52236	52237
1	Slip-in frame 1m	**42902**	2	2	2
2	Slip-in frame 2m	**42901**	2	2	2
	Advanced Guardrail 1.8m	**42837**	2	-	-
3	Advanced Guardrail 2.5m	**42838**	-	2	-
	Advanced Guardrail 3.0m	**42839**	-	-	2
	Platform with trapdoor 1.8m	**42931**	1	-	-
4	Platform with trapdoor 2.5m	**42910**	-	1	-
	Platform with trapdoor 3.0m	**42933**	-	-	1
	Platform without trap. 1.8m	**42932**	1	-	-
5	Platform without trap. 2.5m	**42930**	-	1	-
	Platform without trap. 3.0m	**42934**	-	-	1
6	Crosswise board	**42911**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
7	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Diagonal brace 1.8m	**42937**	2	-	-
8	Diagonal brace 2.5m	**42908**	-	2	-
	Diagonal brace 3.0m	**42938**	-	-	2
	Horizontale brace 1.8m	**42935**	2	-	-
9	Horizontale brace 2.5m	**42907**	-	2	-
	Horizontale brace 3.0m	**42936**	-	-	2
10	Wheel Ø 200mm	**42917**	4	4	4
11	Base step	**42940**	1	1	1
	Weight [kg]		121	142	156

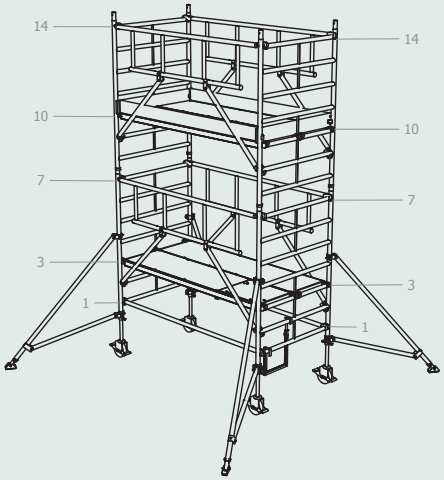
No ballast weights needed!



Wide, working height 5.30m (1,35m x 1.8m/2.5m/3.0m)

	Name	ID	52445	52446	52447
1	Slip-in frame 2m	42901	4	4	4
	Advanced Guardrail 1.8m	42837	4	-	-
2	Advanced Guardrail 2.5m	42838	-	4	-
	Advanced Guardrail 3.0m	42839	-	-	4
	Platform with trapdoor 1.8m	42931	2	-	-
3	Platform with trapdoor 2.5m	42910	-	2	-
	Platform with trapdoor 3.0m	42933	-	-	2
	Platform without trap. 1.8m	42932	2	-	-
4	Platform without trap. 2.5m	42930	-	2	-
	Platform without trap. 3.0m	42934	-	-	2
5	Crosswise board	42911	2	2	2
	Lengthwise board 1.8m	42943	2	-	-
6	Lengthwise board 2.5m	42914	-	2	-
	Lengthwise board 3.0m	42944	-	-	2
	Horizontale brace 1.8m	42935	2	-	-
7	Horizontale brace 2.5m	42907	-	2	-
	Horizontale brace 3.0m	42936	-	-	2
8	Stabiliser S-PLUS	42850	4	4	4
9	Wheel Ø 200mm	42917	4	4	4
10	Base step	42940	1	1	1
	Weight [kg]		191	218	244

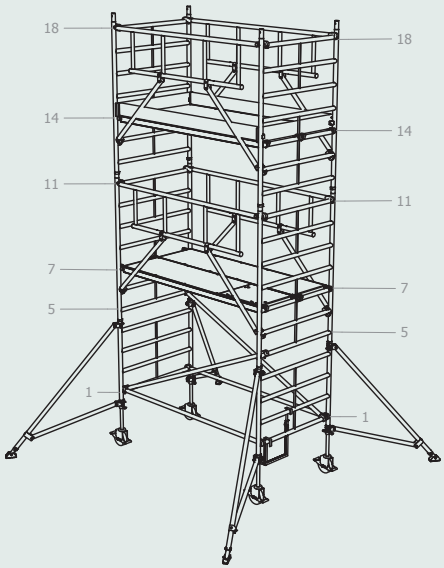
No ballast weights needed!



Wide, working height 6.45m (1,35m x 1.8m/2.5m/3.0m)

	Name	ID	52455	52456	52457
1	Slip-in frame 1m	42902	2	2	2
2	Slip-in frame 2m	42901	4	4	4
	Advanced Guardrail 1.8m	42837	4	-	-
3	Advanced Guardrail 2.5m	42838	-	4	-
	Advanced Guardrail 3.0m	42839	-	-	4
	Platform with trapdoor 1.8m	42931	2	-	-
4	Platform with trapdoor 2.5m	42910	-	2	-
	Platform with trapdoor 3.0m	42933	-	-	2
	Platform without trap. 1.8m	42932	2	-	-
5	Platform without trap. 2.5m	42930	-	2	-
	Platform without trap. 3.0m	42934	-	-	2
6	Crosswise board	42911	2	2	2
	Lengthwise board 1.8m	42943	2	-	-
7	Lengthwise board 2.5m	42914	-	2	-
	Lengthwise board 3.0m	42944	-	-	2
	Diagonal brace 1.8m	42937	2	-	-
8	Diagonal brace 2.5m	42908	-	2	-
	Diagonal brace 3.0m	42938	-	-	2
	Horizontale brace 1.8m	42935	2	-	-
9	Horizontale brace 2.5m	42907	-	2	-
	Horizontale brace 3.0m	42936	-	-	2
10	Stabiliser S-PLUS	42850	4	4	4
11	Wheel Ø 200mm	42917	4	4	4
12	Base step	42940	1	1	1
	Weight [kg]		197	236	262

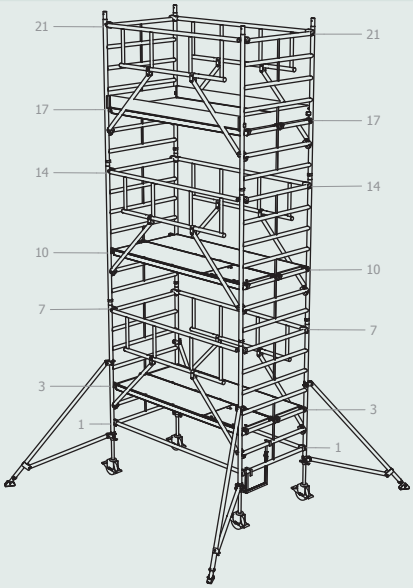
No ballast weights needed!



Wide, working height 7.30m (1,35m x 1.8m/2.5m/3.0m)

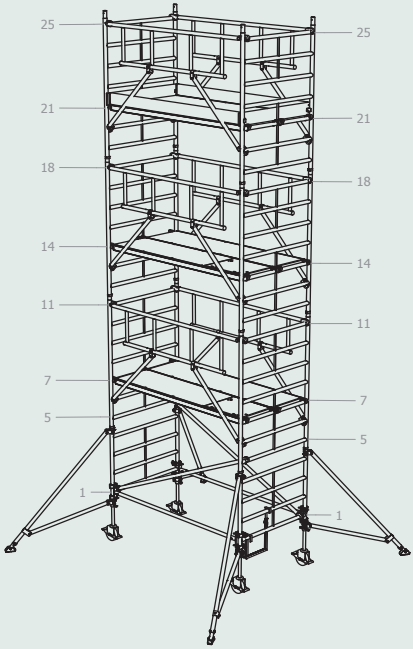
	Name	ID	52465	52466	52467
1	Slip-in frame 2m	**42901**	6	6	6
	Advanced Guardrail 1.8m	**42837**	6	-	-
2	Advanced Guardrail 2.5m	**42838**	-	6	-
	Advanced Guardrail 3.0m	**42839**	-	-	6
	Platform with trapdoor 1.8m	**42931**	3	-	-
3	Platform with trapdoor 2.5m	**42910**	-	3	-
	Platform with trapdoor 3.0m	**42933**	-	-	3
	Platform without trap. 1.8m	**42932**	3	-	-
4	Platform without trap. 2.5m	**42930**	-	3	-
	Platform without trap. 3.0m	**42934**	-	-	3
5	Crosswise board	**42911**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
6	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Horizontale brace 1.8m	**42935**	2	-	-
7	Horizontale brace 2.5m	**42907**	-	2	-
	Horizontale brace 3.0m	**42936**	-	-	2
8	Stabiliser S-PLUS	**42850**	4	4	4
9	Wheel Ø 200mm	**42917**	4	4	4
10	Base step	**42940**	1	1	1
	Weight [kg]		243	293	330

No ballast weights needed!



Wide, working height 8.40m (1,35m x 1.8m/2.5m/3.0m)

	Name	ID	52475	52476	52477
1	Slip-in frame 1m	**42902**	2	2	2
2	Slip-in frame 2m	**42901**	6	6	6
	Advanced Guardrail 1.8m	**42837**	6	-	-
3	Advanced Guardrail 2.5m	**42838**	-	6	-
	Advanced Guardrail 3.0m	**42839**	-	-	6
	Platform with trapdoor 1.8m	**42931**	3	-	-
4	Platform with trapdoor 2.5m	**42910**	-	3	-
	Platform with trapdoor 3.0m	**42933**	-	-	3
	Platform without trap. 1.8m	**42932**	3	-	-
5	Platform without trap. 2.5m	**42930**	-	3	-
	Platform without trap. 3.0m	**42934**	-	-	3
6	Crosswise board	**42911**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
7	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Diagonal brace 1.8m	**42937**	2	-	-
8	Diagonal brace 2.5m	**42908**	-	2	-
	Diagonal brace 3.0m	**42938**	-	-	2
	Basic brace 1.8m	**42886**	2	-	-
9	Basic brace 2.5m	**42887**	-	2	-
	Basic brace 3.0m	**42888**	-	-	2
10	Stabiliser S-PLUS	**42850**	4	4	4
11	Wheel Ø 200mm	**42917**	4	4	4
12	Base step	**42940**	1	1	1
	Weight [kg]		249	319	358

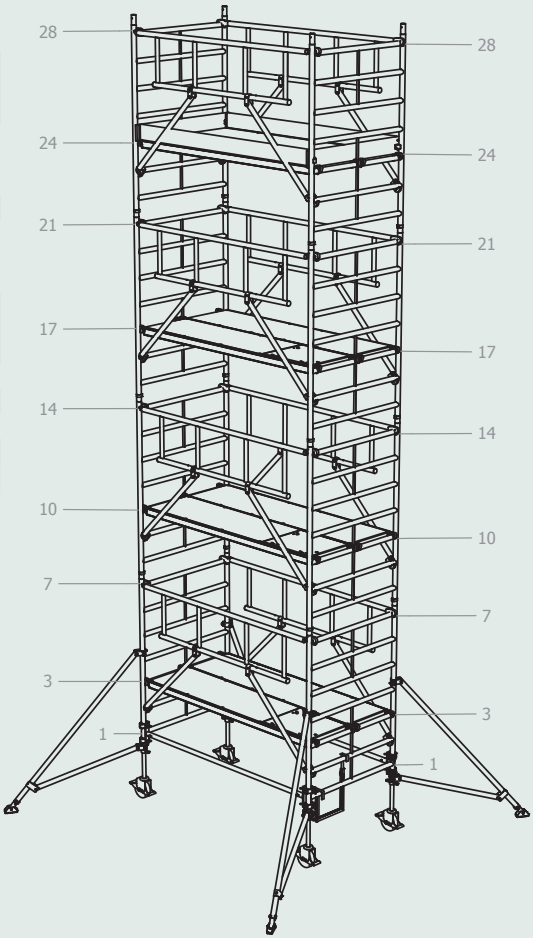


Anzahl BallastWeighte (42912) an jedem Ausleger bei 52475: Ballast weights indoors: 0 Ballast weights outdoors: 2

Wide, working height 9.25m (1,35m x 1.8m/2.5m/3.0m)

	Name	ID	52485	52486	52487
1	Slip-in frame 2m	**42901**	8	8	8
	Advanced Guardrail 1.8m	**42837**	8	-	-
2	Advanced Guardrail 2.5m	**42838**	-	8	-
	Advanced Guardrail 3.0m	**42839**	-	-	8
	Platform with trapdoor 1.8m	**42931**	4	-	-
3	Platform with trapdoor 2.5m	**42910**	-	4	-
	Platform with trapdoor 3.0m	**42933**	-	-	4
	Platform without trap. 1.8m	**42932**	4	-	-
4	Platform without trap. 2.5m	**42930**	-	4	-
	Platform without trap. 3.0m	**42934**	-	-	4
5	Crosswise board	**42911**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
6	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Basic brace 1.8m	**42886**	2	-	-
7	Basic brace 2.5m	**42887**	-	2	-
	Basic brace 3.0m	**42888**	-	-	2
8	Stabiliser S-PLUS	**42850**	4	4	4
9	Wheel Ø 200mm	**42917**	4	4	4
10	Base step	**42940**	1	1	1
	Weight [kg]		294	376	425
Number of ballast weights per fastening of stabilisers.					
	Ballast weights indoors	**42912**	3	0	0
	Ballast weights outdoors		X	X	X

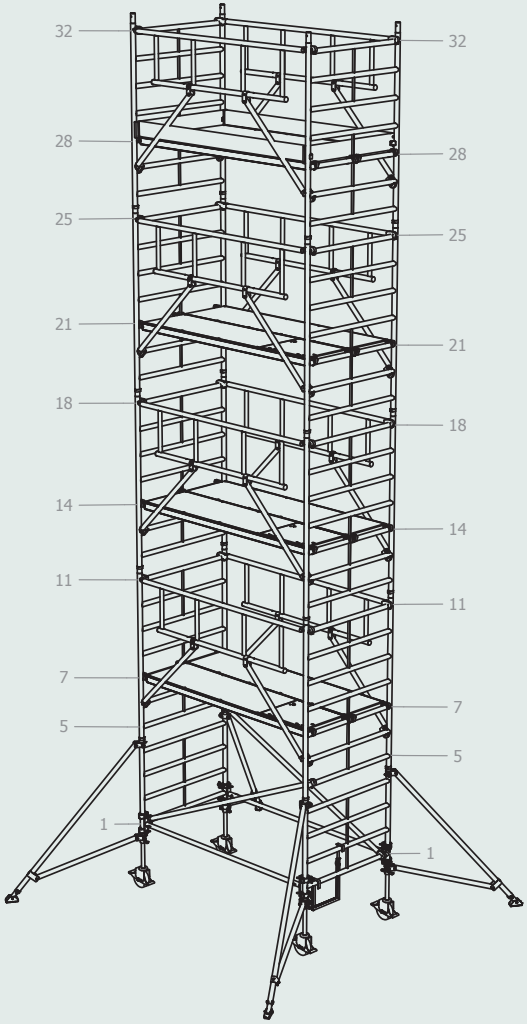
X = not permissible



Wide, working height 10.40m (1,35m x 1.8m/2.5m/3.0m)

	Name	ID	52495	52496	52497
1	Slip-in frame 1m	**42902**	2	2	2
2	Slip-in frame 2m	**42901**	8	8	8
	Advanced Guardrail 1.8m	**42837**	8	-	-
3	Advanced Guardrail 2.5m	**42838**	-	8	-
	Advanced Guardrail 3.0m	**42839**	-	-	8
	Platform with trapdoor 1.8m	**42931**	4	-	-
4	Platform with trapdoor 2.5m	**42910**	-	4	-
	Platform with trapdoor 3.0m	**42933**	-	-	4
	Platform without trap. 1.8m	**42932**	4	-	-
5	Platform without trap. 2.5m	**42930**	-	4	-
	Platform without trap. 3.0m	**42934**	-	-	4
6	Crosswise board	**42911**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
7	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Diagonal brace 1.8m	**42937**	2	-	-
8	Diagonal brace 2.5m	**42908**	-	2	-
	Diagonal brace 3.0m	**42938**	-	-	2
	Basic brace 1.8m	**42886**	2	-	-
9	Basic brace 2.5m	**42887**	-	2	-
	Basic brace 3.0m	**42888**	-	-	2
10	Stabiliser S-PLUS	**42850**	4	4	4
11	Wheel Ø 200mm	**42917**	4	4	4
12	Base step	**42940**	1	1	1
	Weight [kg]		301	393	444
Number of ballast weights per fastening of stabilisers.					
	Ballast weights indoors	**42912**	0	0	0
	Ballast weights outdoors		X	X	X

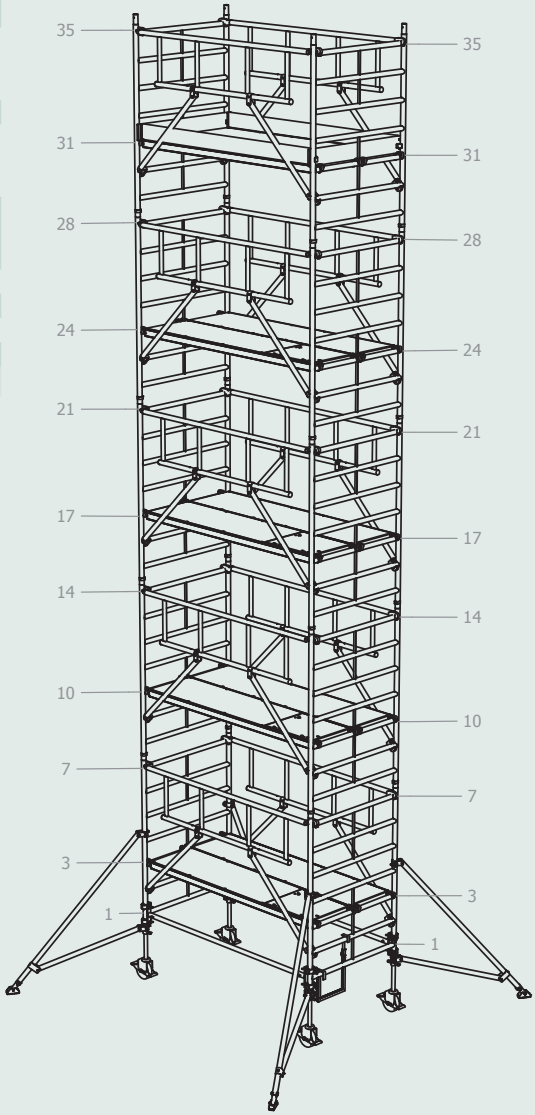
X = not permissible



Wide, working height 11.20m (1,35m x 1.8m/2.5m/3.0m)

	Name	ID	52505	52506	52507
1	Slip-in frame 2m	**42901**	10	10	10
	Advanced Guardrail 1.8m	**42837**	10	-	-
2	Advanced Guardrail 2.5m	**42838**	-	10	-
	Advanced Guardrail 3.0m	**42839**	-	-	10
	Platform with trapdoor 1.8m	**42931**	5	-	-
3	Platform with trapdoor 2.5m	**42910**	-	5	-
	Platform with trapdoor 3.0m	**42933**	-	-	5
	Platform without trap. 1.8m	**42932**	5	-	-
4	Platform without trap. 2.5m	**42930**	-	5	-
	Platform without trap. 3.0m	**42934**	-	-	5
5	Crosswise board	**42911**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
6	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Basic brace 1.8m	**42886**	2	-	-
7	Basic brace 2.5m	**42887**	-	2	-
	Basic brace 3.0m	**42888**	-	-	2
8	Stabiliser S-PLUS	**42850**	4	4	4
9	Wheel Ø 200mm	**42917**	4	4	4
10	Base step	**42940**	1	1	1
	Weight [kg]		346	468	530
Number of ballast weights per fastening of stabilisers.					
	Ballast weights indoors	**42912**	0	0	0
	Ballast weights outdoors		X	X	X

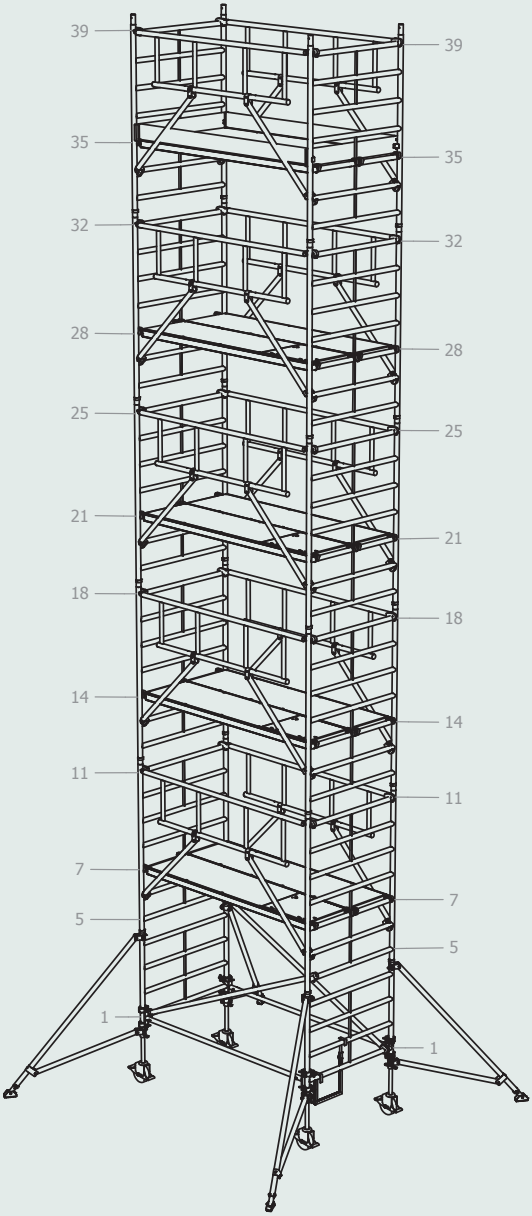
X = not permissible



Wide, working height 12.35m (1,35m x 1.8m/2.5m/3.0m)

	Name	ID	52515	52516	52517
1	Slip-in frame 1m	**42902**	2	2	2
2	Slip-in frame 2m	**42901**	10	10	10
	Advanced Guardrail 1.8m	**42837**	10	-	-
3	Advanced Guardrail 2.5m	**42838**	-	10	-
	Advanced Guardrail 3.0m	**42839**	-	-	10
	Platform with trapdoor 1.8m	**42931**	5	-	-
4	Platform with trapdoor 2.5m	**42910**	-	5	-
	Platform with trapdoor 3.0m	**42933**	-	-	5
	Platform without trap. 1.8m	**42932**	5	-	-
5	Platform without trap. 2.5m	**42930**	-	5	-
	Platform without trap. 3.0m	**42934**	-	-	5
6	Crosswise board	**42911**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
7	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Diagonal brace 1.8m	**42937**	2	-	-
8	Diagonal brace 2.5m	**42908**	-	2	-
	Diagonal brace 3.0m	**42938**	-	-	2
	Basic brace 1.8m	**42886**	2	-	-
9	Basic brace 2.5m	**42887**	-	2	-
	Basic brace 3.0m	**42888**	-	-	2
10	Stabiliser S-PLUS	**42850**	4	4	4
11	Wheel Ø 200mm	**42917**	4	4	4
12	Base step	**42940**	1	1	1
	Weight [kg]		353	468	530
Number of ballast weights per fastening of stabilisers.					
	Ballast weights indoors	**42912**	0	0	0
	Ballast weights outdoors		X	X	X

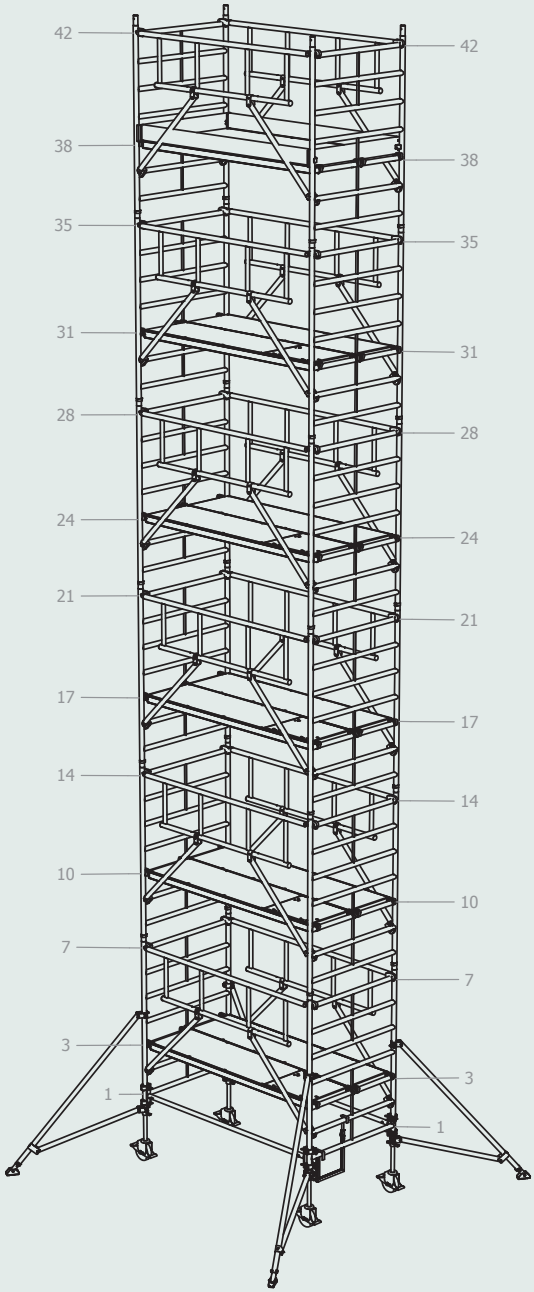
X = not permissible



Wide, working height 13.20m (1,35m x 1.8m/2.5m/3.0m)

	Name	ID	52525	52526	52527
1	Slip-in frame 2m	**42901**	12	12	12
	Advanced Guardrail 1.8m	**42837**	12	-	-
2	Advanced Guardrail 2.5m	**42838**	-	12	-
	Advanced Guardrail 3.0m	**42839**	-	-	12
	Platform with trapdoor 1.8m	**42931**	6	-	-
3	Platform with trapdoor 2.5m	**42910**	-	6	-
	Platform with trapdoor 3.0m	**42933**	-	-	6
	Platform without trap. 1.8m	**42932**	6	-	-
4	Platform without trap. 2.5m	**42930**	-	6	-
	Platform without trap. 3.0m	**42934**	-	-	6
5	Crosswise board	**42911**	2	2	2
	Lengthwise board 1.8m	**42943**	2	-	-
6	Lengthwise board 2.5m	**42914**	-	2	-
	Lengthwise board 3.0m	**42944**	-	-	2
	Basic brace 1.8m	**42886**	2	-	-
7	Basic brace 2.5m	**42887**	-	2	-
	Basic brace 3.0m	**42888**	-	-	2
8	Stabiliser S-PLUS	**42850**	4	4	4
9	Wheel Ø 200mm	**42917**	4	4	4
10	Base step	**42940**	1	1	1
	Weight [kg]		398	524	597
Number of ballast weights per fastening of stabilisers.					
	Ballast weights indoors	**42912**	0	0	0
	Ballast weights outdoors		X	X	X

X = not permissible



3. Stability specifications

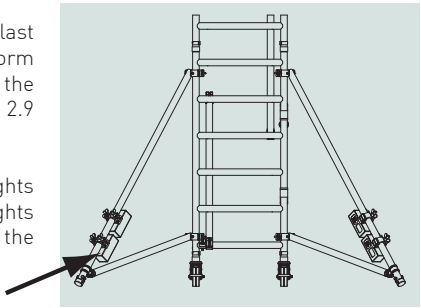
3.1. General information

Stabilisers are responsible for the stability of the scaffold. However, these must also be ballasted according to the area of deployment (indoors / outdoors). For the correct ballasting, please see the parts lists (packet 2.10). For scaffolds, which used the extension for stabilisers no ballast weights needed.

3.2. Fastening the ballast weights (only for 53769)

The attachment location and the quantity of the ballast weights depend on the type of assembly and platform height of the scaffold. For the precise quantity of the ballasting, please see the parts lists in section 2.9 (lower portion of the tables)

For scaffold with stabilisers, screw-on ballast weights must be used (order no. 42912). The ballast weights must be fastened to the stabilisers (if possible on the base point).



Ballast weights
Order no.: 42912

3.3. Fix the anti-twist protection (42865)

To prevent rotation of stabilisers please use anti-twist protection 42865 (see page 37).
Fix the one end of the protection at the stabilisers, the other end at the first rung of the folding frame unit.

3.4. Maintenance, repair, storage and cleaning

Clean the scaffold with water and commercial cleansers. If paint gets on the scaffold, it can be removed with turpentine. Cleansers may not penetrate the soil; used cleansers must be disposed of in accordance with the applicable environmental regulations.

Greasing the moving parts

Grease all moving parts (spindle, swivel castor bearing, catches) with commercial oil. For use in the winter, use low viscosity oil. Wipe off excess oil, the oil may not reach the treads - danger of slipping. Dispose of cleaning rags soiled with grease in accordance with the applicable environmental regulations.

Storage

Storage must be in a manner such that damage to the unit is excluded. The scaffold components must be stored so that they are protected against the effects of weather. During transport to or from the storage location, the scaffold components must be secured against slipping and bumping as well as falling down. When loading, the scaffold components may not be thrown.

3.5. Inspections of the scaffold components

If a defect is discovered, the affected part may not be used any longer.

Slip-in frame

- Check for deformation, crushing and crack formation.

Braces (Diagonal / Geländer)

- Check for deformation, crushing, crack formation and function of the catches.

Platform

- Check for deformation, crushing, crack formation and function of the catches.
- Check state of the wood.
- Check pass-through flap for function.

Toeboards

- Check state of the wood.
- Check toe boards for crack formation.

Swivel castors

- Check rolling capacity of the castor and function of the brake on rolling the basic frame.
- For swivel castors with spindle, also check that spindle can move freely.
- Check fail safe (thumb screw, plug) on the chassis beams and the basic frame.

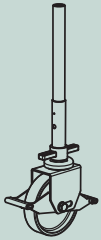
Safety springs

- Check for deformation, crushing, crack formation and tight fit.

If you would like information or if you have special problems that are not treated in sufficient detail in these operating and assembly instructions, you can request the required information directly from the manufacturer (see section 1.2).

Furthermore, we hereby notify you that the content of these operating and assembly instructions is not part of an earlier existing agreement, covenant or a legal relationship not should it change these. All obligations arise from the respective purchase contract, which also contains the complete and solely-valid warranty regulation (see also section 1.4). These contractual warranty regulations are neither extended nor limited by the details of these operating and assembly instructions.

4. Spare parts



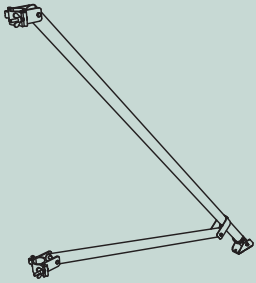
Wheel Ø 200mm
42917

Slip-in frame 1m
42902

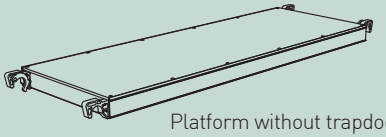
Slip-in frame 2m
42901

Slip-in frame 1m
42905

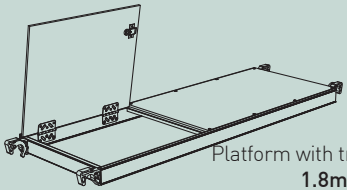
Slip-in frame 2m
42904



Stabiliser S-PLUS
42850

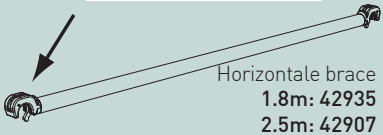


Platform without trapdoor
1.8m: 42932
2.5m: 42930
3.0m: 42934



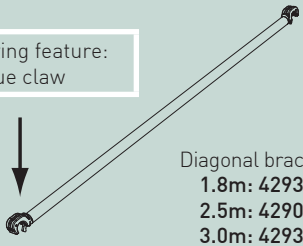
Platform with trapdoor
1.8m: 42931
2.5m: 42910
3.0m: 42933

identifying feature:
gray claw

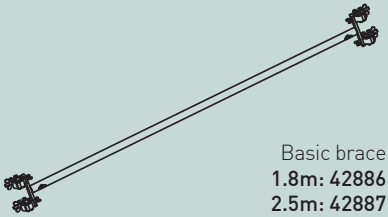


Horizontale brace
1.8m: 42935
2.5m: 42907
3.0m: 42936

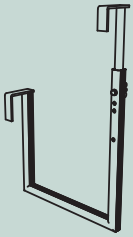
identifying feature:
blue claw



Diagonal brace
1.8m: 42937
2.5m: 42908
3.0m: 42938

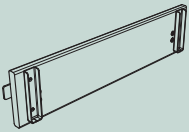


Basic brace
1.8m: 42886
2.5m: 42887
3.0m: 42888

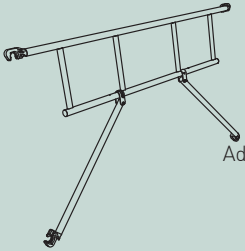


Base step
42940

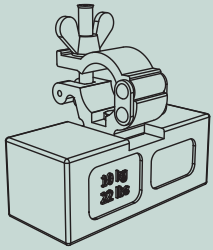
Lengthwise board
1.8m: 42943
2.5m: 42914
3.0m: 42944



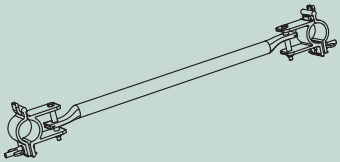
Crosswise board
0,75m: 42913
1,35m: 42911



Advanced Guardrail
1.8m: 42837
2.5m: 42838
3.0m: 42839



Ballast weight
42912



Anti-twist device
42865

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