Faraone®

WORK SAFELY AT HEIGHT

TOP SYSTEM

2023

MOBILE SCAFFOLD TOWERS
ASSEMBLY AND OPERATING
INSTRUCTIONS

NOTE!
Read these operating instructions before using the mobile scaffold tower. Always follow the OHS instructions.

TABLE OF CONTENTS

NOTE!

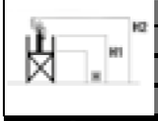
Read these operating instructions before using the mobile scaffold tower. Always follow the OHS instructions.

TOP SYSTEM AND TOP SYSTEM SAFETY MODEL OVERVIEW

TOP SYSTEM 75 x 180 cm
EN1004 Class 3: (2.0 k2N/m)

A1

Total permissible load: 280 kg
Maximum number of platforms loaded at the same time: 2



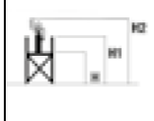
	Height/Model	A1-24	A1-34	A1-44	A1-54	A1-64	A1-74	A1-84	A1-94	A1-104	A1-114	A1-124
	H2 (m)	3,4	4,4	5,4	6,4	7,4	8,4	9,4	10,4	11,4	12,4	13,4
	H1 (m)	2,4	3,4	4,4	5,4	6,4	7,4	8,4	9,4	10,4	11,4	12,4
	H (m)	1,4	2,4	3,4	4,4	5,4	6,4	7,4	8,4	9,4	10,4	11,4
	Scaffolding weight (kg)	45,7	67,3	93,9	124,5	163,8	173,6	184,4	194,4	230,3	240,1	251,1
Code	Description	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
F75200	Frame 0.75x2.0 (m)	2	2	2	4	4	6	6	8	8	10	10
F75100	Frame 0.75x1.0 (m)			2		2		2		2		2
P180	Railing		2	2	2	4	4	4	4	6	6	6
T75	Gable frame		2	2	2	2	2	2	2	2	2	2
TR180	Crossbar	2	2	2	2	2	2	4	6	6	6	6
D180	Diagonal	1	1	2	4	4	4	6	6	6	6	8
R200	Adjustable caster 0 200 (mm)	4	4	4	4	4	4	4	4	4	4	4
STAB1	Stabiliser			4	4	4	4	4	4	4	4	4
RB180E	Landing with trapdoor	1	1	1	1	2	2	2	2	3	3	3
TF180E	Long toe board		2	2	2	4	4	4	4	6	6	6
TF75E	Short toe board		2	2	2	4	4	4	4	6	6	6
Outside facilities		Without anchoring							With anchoring			
Inside the facilities		Without anchoring										
Ballast for outdoor use			5 F	1 ST	1 ST	2 ST	3 ST	4 ST	N.A	N.A	N.A	N.A
Ballast for indoor use			4 F	ST	ST	ST	2 ST	2 ST	3 ST	3 ST	3 ST	3 ST

F - Each side ST - Stabiliser N.A - Not permissible

TOP SYSTEM 75 x 245 cm
EN1004 Class 3: (2.0 k2N/m)

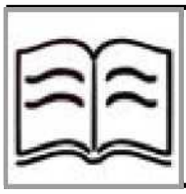
B1

Total permissible load: 360 kg
Maximum number of platforms loaded at the same time: 3



	Height'/Model	B1-24	B1-34	B1-44	B1-54	B1-64	B1-74	B1-84	B1-94	B1-104	B1-114	B1-124
	H2 (m)	3,4	4,4	5,4	6,4	7,4	8,4	9,4	10,4	11,4	12,4	13,4
	H1 (m)	2,4	3,4	4,4	5,4	6,4	7,4	8,4	9,4	10,4	11,4	12,4
	H (m)	1,4	2,4	3,4	4,4	5,4	6,4	7,4	8,4	9,4	10,4	11,4
	Scaffolding weight (kg)	52,6	79,6	106,2	137,6	187,8	198,2	210	220,4	266,6	277	288,8
Code	Description	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
F75200	Frame 0.75x2.0 (m)	2	2	2	4	4	6	6	8	8	10	10
F75100	Frame 0.75x1.0 (m)			2		2		2		2		2
P245	Railing		2	2	2	4	4	4	4	6	6	6
T75	Gable frame		2	2	2	2	2	2	2	2	2	2
TR245	Crossbar	2	2	2	2	2	2	4	6	6	6	6
D245	Diagonal	1	1	2	4	4	4	6	6	6	6	8
R200	Adjustable caster 0 200 (mm)	4	4	4	4	4	4	4	4	4	4	4
STAB1	Stabiliser			4	4	4	4	4	4	4	4	4
RB245E	Landing with trapdoor	1	1	1	1	2	2	2	2	3	3	3
TF245E	Long toe board		2	2	2	4	4	4	4	6	6	6
TF75E	Short toe board		2	2	2	4	4	4	4	6	6	6
Outside facilities		Without anchoring							With anchoring			
Inside the facilities		Without anchoring										
Ballast for outdoor use			5 F	1 ST	1 ST	2 ST	3 ST	4 ST	N.A	N.A	N.A	N.A
Ballast for indoor use			4 F	ST	ST	ST	2 ST	2 ST	3 ST	3 ST	3 ST	3 ST

F - Each side ST - Stabiliser N.A - Not permissible



NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM AND TOP SYSTEM SAFETY MODEL OVERVIEW

TOP SYSTEM 135 x 180 cm
EN1004 Class 3: (2.0 k2N/m)

D1

Total permissible load: 480 kg
Maximum number of platforms loaded at the same time: 3

Height/Model		D1-24	D1-34	D1-44	D1-54	D1-64	D1-74	D1-84	D1-94	D1-104	D1-114	D1-124
	H2 (m)	3,4	4,4	5,4	6,4	7,4	8,4	9,4	10,4	11,4	12,4	13,4
	H1 (m)	2,4	3,4	4,4	5,4	6,4	7,4	8,4	9,4	10,4	11,4	12,4
	H (m)	1,4	2,4	3,4	4,4	5,4	6,4	7,4	8,4	9,4	10,4	11,4
	Scaffolding weight (kg)	62,1	90,1	119,1	149,3	210,2	219,6	233	242,4	299,9	309,3	322,7
Code	Description	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
F135200	Frame 1.35x2.0 (m)	2	2	2	4	4	6	6	8	8	10	10
F135100	Frame 1.35x1.0 (m)			2		2		2		2		2
P180	Railing		2	2	2	4	4	4	4	6	6	6
T135	Gable frame		2	2	2	2	2	2	2	2	2	2
TR180	Crossbar	2	2	2	2	2	2	4	6	6	6	6
D180	Diagonal	1	1	2	4	4	4	6	6	6	6	8
R200	Adjustable caster 200 (mm)	4	4	4	4	4	4	4	4	4	4	4
STAB1	Stabiliser			4	4	4	4	4	4	4	4	4
RB180E	Landing with trapdoor	1	1	1	1	2	2	2	2	3	3	3
R180E	Landing without trapdoor	1	1	1	1	2	2	2	2	3	3	3
TF180E	Long toe board		2	2	2	4	4	4	4	6	6	6
TF135E	Short toe board		2	2	2	4	4	4	4	6	6	6
Outside facilities		Without anchoring							With anchoring			
Inside the facilities		Without anchoring										
Ballast for outdoor use			5 F	ST	ST	2 ST	3 ST	3 ST	N.A	N.A	N.A	N.A
Ballast for indoor use			4 F	ST	ST	ST	2 ST	2 ST	3 ST	3 ST	3 ST	3 ST

F - Each side ST - Stabiliser N.A - Not permissible

TOP SYSTEM 135 x 245 cm
EN1004 Class 3: (2.0 k2N/m)

E1

Total permissible load: 650 kg
Maximum number of platforms loaded at the same time: 3

Height/Model		E1-24	E1-34	E1-44	E1-54	E1-64	E1-74	E1-84	E1-94	E1-104	E1-114	E1-124
	H2 (m)	3,4	4,4	5,4	6,4	7,4	8,4	9,4	10,4	11,4	12,4	13,4
	H1 (m)	2,4	3,4	4,4	5,4	6,4	7,4	8,4	9,4	10,4	11,4	12,4
	H (m)	1,4	2,4	3,4	4,4	5,4	6,4	7,4	8,4	9,4	10,4	11,4
	Scaffolding weight (kg)	76	109,4	138	169,4	248,2	258,2	272,2	282,4	357,2	367,2	381,4
Code	Description	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
F135200	Frame 1.35x2.0 (m)	2	2	2	4	4	6	6	8	8	10	10
F135100	Frame 1.35x1.0 (m)			2		2		2		2		2
P245	Railing		2	2	2	4	4	4	4	6	6	6
T135	Gable frame		2	2	2	2	2	2	2	2	2	2
TR245	Crossbar	2	2	2	2	2	2	4	6	6	6	6
D245	Diagonal	1	1	2	4	4	4	6	6	6	6	8
R200	Adjustable caster 200 (mm)	4	4	4	4	4	4	4	4	4	4	4
STAB1	Stabiliser			4	4	4	4	4	4	4	4	4
RB245E	Landing with trapdoor	1	1	1	1	2	2	2	2	3	3	3
R245E	Landing without trapdoor	1	1	1	1	2	2	2	2	3	3	3
TF245E	Long toe board		2	2	2	4	4	4	4	6	6	6
TF135E	Short toe board		2	2	2	4	4	4	4	6	6	6
Outside facilities		Without anchoring							With anchoring			
Inside the facilities		Without anchoring										
Ballast for outdoor use			3 F	ST	ST	ST	ST	2 ST	N.A	N.A	N.A	N.A
Ballast for indoor use			3 F	ST	ST	ST	ST	ST	ST	ST	2 ST	2 ST

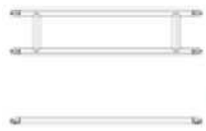
F - Each side ST - Stabiliser N.A - Not permissible

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

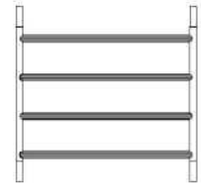
PARTS

P Railing



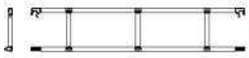
MODEL	LENGTH (m)	WEIGHT (kg)
P160	1,60	3,3
P180	1,80	3,6
P245	2,50	4,5

F135 Extension frame 135 cm



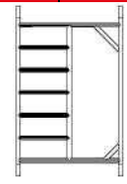
MODEL	HEIGHT (m)	WEIGHT (kg)
F135100	1,00	5,3
F135200	2,00	9,0

PN Horizontal safety railing



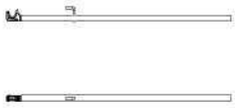
MODEL	LENGTH(m)	WEIGHT (kg)
P105N	1,42	3,0
P160N	1,60	4,5
P180N	1,80	6,2
P245N	2,50	7,2

FA Entry frame



MODEL	WIDTH (m)	WEIGHT (kg)
FA135200-1	1,35	9,2

MOUNT. SAFETY Bracket for mounting anticipatory railings

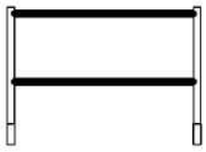


MODEL	LENGTH (m)	WEIGHT (kg)
MOUNT.SAFETY	1,80	1,5

PS Closing base

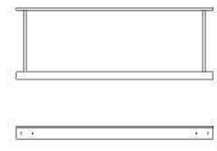
MODEL	LENGTH (m)	WEIGHT (kg)
PS75160.6.40	1,60	18,3
PS75180.6.40	1,80	19,7

T Gable extension frame



MODEL	WIDTH(m)	WEIGHT (kg)
T75	0,75	2,4
T7525	0,75	1,0
T75.40	0,75	2,2
T7525.40	0,75	0,9
T135	1,35	3,2

R Landing without trapdoor

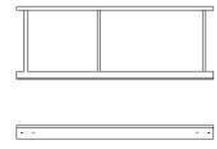


MODEL	LENGTH(m)	WEIGHT (kg)
R180E	1,80	14,8
R245E	2,50	20,6

F75 Extension frame 75 cm

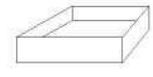
MODEL	HEIGHT (m)	WEIGHT (kg)
F75050	0,50	2,6
F75075	0,75	3,0
F75100	1,00	3,8
F75200	2,00	6,4
F75050.40	0,50	1,9
F75075.40	0,50	2,6
F75100.40	1,00	3,5
F75200.40	2,00	5,8

RB Landing with trapdoor



MODEL	LENGTH (m)	WEIGHT (kg)
RB105	1,05	11,0
RB160E	1,60	11,6
RB180E	1,80	15,3
RB180ES	1,80	20,8
RB245E	2,50	
RB245ES	2,50	

8 Toe board kit



MODEL	WIDTH (m)	WEIGHT (kg)
TF75.105	0,75 x 1,05	7,8

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

.

PARTS

TF Long toe board

MODEL	WIDTH (m)	WEIGHT (kg)
TF105	1,05	2,3
TF160	1,60	3,0
TF160E	1,60	3,3
TF180	1,80	3,2
TF180E	1,80	3,7
TF245E	2,45	4,5

TF Short toe board

MODEL	WIDTH(m)	WEIGHT (kg)
TF75	0,75	1,6
TF75E	0,75	1,0
TF135E	1,35	1,7

TR Crossbar

MODEL	LENGTH (m)	WEIGHT (kg)
TR105N	1,05	1,5
TR160.40	1,60	1,0
TR180.40	1,80	1,2
TR180	1,80	1,5
TR180N	1,80	1,7
TR245	2,50	2,0
TR245N	2,50	2,1

D Diagonal

MODEL	LENGTH (m)	WEIGHT (kg)
D160.40	2,00	1,2
D180.40	2,20	1,4
D180	2,20	1,7
D180N	2,20	1,9
D245	2,80	2,1
D245N	2,80	2,2
D160.AD.40	2,50	1,2
D180.AD.40	2,70	1,6

STAB Stabilising suport

MODEL	WEIGHT (kg)
STAB1	4,30

STAB1 Stabilising suport

MODEL	WEIGHT (kg)
STAB1.TEL	5,30

STAB1.40 Stabilising suport

MODEL	WEIGHT (kg)
STAB1.40	1,90

R125 Non-reg-Lated caster Ø 125 mm with brake

MODEL	CASTER DIMENSION (mm)	WEIGHT (kg)
R125E	125	1,3
R125S	125	1,3

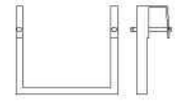
R125 REG Adjustable caster Ø 125

MODEL	CASTER DIMENSION (mm)	WEIGHT (kg)
R125REG	125	3,0

R200 Adjustable caster Ø 200 mm

MODEL	CASTER DIMENSION (mm)	WEIGHT (kg)
R200	200	7,1

GR Access step

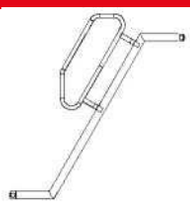


MODEL	WEIGHT (kg)
GR1	2,20

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

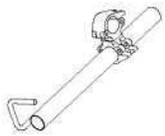
PARTS

SC Stairs with platform	MODEL	WEIGHT (kg)
	SC180	13,00
	SC245	13,00

CC Railing	MODEL	WEIGHT (kg)

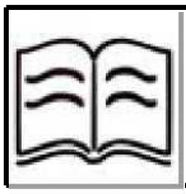
CL Railing	MODEL	WEIGHT (kg)
	CL180	5,00
	CL245	6,50

Z Ballast weight	MODEL	WEIGHT (kg)
	11.AK	15,00

ANCOR Anchor connector	MODEL	WEIGHT (kg)
	ANCOR.TOP	3,20

VR Base with adjustment screw	MODEL	WEIGHT (kg)

ATTACH Clamp	MODEL	WEIGHT (kg)
	ATTACH.40	1,50



NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

.

INTRODUCTION

INTRODUCTION

These instructions only apply to the Top System range of mobile scaffold tower. The towers are intended exclusively for finishing, maintenance and similar work. This manual contains important information on the use, maintenance and safety of the towers. The user must read it in full before using the tower for the first time and at his own risk must:

- Ensure compliance with applicable local, regional and national recommendations;
- Observe the regulations (laws, regulations, directives, etc.) governing safe regulations (laws, regulations, directives, etc.) listed in these operating instructions;
- Check that the instructions are available to the employees of the user company and that they comply with the instructions, information and warnings contained therein are followed as well as the safety rules.

The towers must be assembled in accordance with the manufacturer's instructions, so that the stability provided for at the design stage and checked during technical acceptance texts.
The personnel involved in assembling and dismantling the mobile scaffold towers and the mobile work platform fitters should have the required qualifications. The assembler must check if during assembly and disassembly of the mobile scaffold tower, the tower parts have not been subjected to impacts or falls from a height, which could impair the structural integrity and functionality of the tower. When erecting the base of the mobile scaffold tower, the possible situations that can arise with increasing height in the case of possible obstacles distributed in the direction to the highest planned height must be assessed very carefully.

MANUFACTURER

The manufacturer of the Top System and Top System Safety working mobile scaffold towers specified in the document is:

Faraone Poland Sp. z o. o.
tel: +48 91 579 03 90
32 Prosta Street, Łozienica
72-100 Goleniów
POLAND
website:www.faraone.pl
e-mail: info@faraone.pl

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

INTRODUCTION

MARKINGS

Top System 75x180	Working mobile scaffold tower - 3 - 8/12 - XXXD
Top System 75x245	Working mobile scaffold tower - 3 - 8/12 - XXXD
Top System 135x180	Working mobile scaffold tower - 3 - 8/12 - XBXD
Top System 135x245	Working mobile scaffold tower - 3 - 8/12 - XBXD
Top System 180x180	Working mobile scaffold tower - 2 - 8/12 - XXXD
Top System 180x245	Working mobile scaffold tower - 2 - 8/12 - XXXD

• The working mobile scaffold towers are manufactured under UNI EN 1004 technical standards;
• The class of working mobile scaffold towers includes uniformly distributed loads, i.e. class '2' (corresponds to 1.5 kN/m2) and '3' (corresponds to 2.0 kN/m2);
• The maximum height of the mobile scaffold towers depends on the working platform (if there is no attachment to the wall); this is 8.0 m outdoors and 12.0 m indoors;
• The access class of the mobile scaffold towers to the work platforms is described in the following list:

- Type A access: Ramp
- Type B access: Stairs
- Type C access: Inclined ladder
- Type D access: Vertical ladder

Example: Class XBXD means that in order to get from the mobile scaffold tower to the working platforms, the tower can be equipped with a stair (mounted inside the tower) and with a vertical ladder (on the side of the tower). Symbol X in the marking means that the type of access is not provided for.

Identification markings are specified in all units produced.

NOTE!

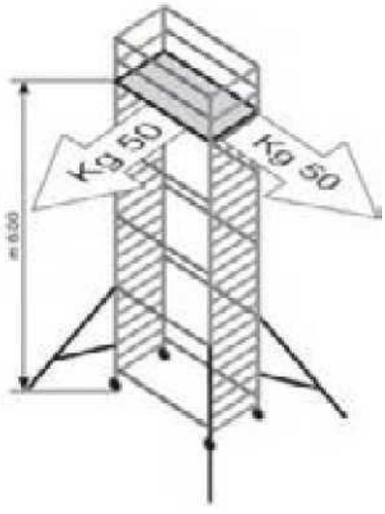
Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

INTRODUCTION

STANDARDS, REFERENCES AND CONFORMITY TESTS

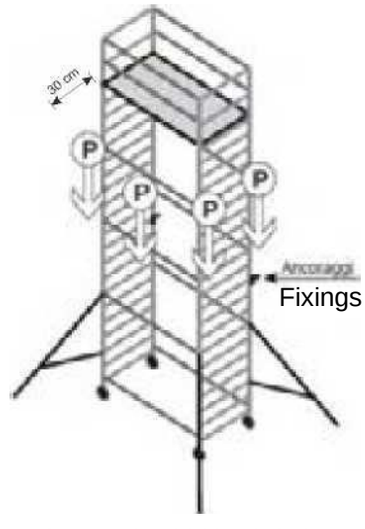
The mobile scaffold towers such as: Top System 75x180, Top System 75x245, Top System 135x180, Top System 135x245, are manufactured in accordance with the UNI EN 1004:2005 technical standard "Mobile access and working towers made of prefabricated elements - Materials, dimensions, design loads, safety and performance requirements".

The working mobile scaffold towers are manufactured in accordance with the relevant prototypes that have undergone technical tests at the ISPESL Institute, Safety Technology Division, Constructions Technology Laboratory, from which it follows as follows:



Stiffness test (referred to in Appendix "A" of UNI EN 1004 technical standard)

Optional stiffness test (old technical standard UNI HD 1004) Working mobile scaffold towers must be able to support, alternately on four sides, at a height of 6 metres, a load of 50 kg, for which the resulting load must not exceed the limit set. The test determines the maximum height at which the mobile tower can be used.



Fixings

Strength test optional (old technical standard UNI HD 1004)

TEST 1

Verification of the behaviour of the structure under a total load of 12.5 kN, distributed vertically on 4 columns. At the end of the test, the mobile scaffold tower must not show any damage or permanent deformation.

TEST 2

Deformation check of a structure loaded vertically on a platform with a horizontal load of 75 daN applied at the first nodal point above 6 metres. At the end of the test, the mobile scaffold tower must show no damage or permanent deformation.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

CHARACTERISTICS AND LIMITATIONS OF USE

WORKING PLATFORM

Each work platform consists of 1 or 2 aluminium structural frames, on which wooden panels of non-slip plywood are laid; one of the panels contains a hatch. On all four sides there are 150 mm high toe boards. The side protection along the long side of the tower consists of 2 aluminium frames which are attached to the side frames in such a way that they cannot be accidentally detached, while the shorter sides are protected by the side frames themselves.

The railings form a protection both at the top and protect at an intermediate height relative to the intended height.

STABILISERS

The four stabilisers are made of aluminium tubes with articulated joints. They are attached to the four supporting columns of the mobile scaffold tower and increase the dimensions of the base. Hinged joints that ensure constant contact with the ground are used for attachment to the structure.
(NOTE: special care must be taken when fitting the stabilisers).

POINTS WITH IDENTIFICATION INFORMATION

Each component is identified by a sticker with the following information:

x Manufacturer's brand
x Article code
x Series number

CLASS AND PERMISSIBLE LOAD

The 75 cm and 135 cm Top System side-frame mobile scaffold towers (models A1-B1-D1-E1-G1-MSA-MSB-MSC-MSD) are classified (according to UNI EN 1004) as Class 3, i.e. the load capacity of the platform is 2.0 kN/m. Specification data is given below:

Description	Permissible complex load per working platform	The maximum number of platforms loaded simultaneously
Top System 75 x 180	280 kg	2
Top System 75 x 245	360 kg	3
Top System 135 x 180	480 kg	3
Top System 135 x 245	650 kg	3

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

CHARACTERISTICS AND LIMITATIONS OF USE

NOTE

THE WEIGHT CALCULATED AFTER ADDING UP THE LOAD OF EACH PLATFORM MAY NOT IN NO CASE EXCEED THE LOAD PERMITTED FOR THE MOBILE SCAFFOLD TOWER.

MAXIMUM PLATFORM HEIGHTS OF THE MOBILE SCAFFOLD TOWER FOR DIFFERENT CONFIGURATIONS

The maximum working platform height without the use of stabilising supports is 2.4 m, for all Top System tower models. The maximum height of the working platform with the use of stabilising supports (or ballast, if necessary) is, for all Top System tower models, 7.4 m outdoors and 11.4 m indoors. The minimum clear space between working platforms is 1.96 m. The maximum vertical distance between working platforms is 4.0 m. The maximum vertical distance between the ground and the first working platform is 4.4 m.

LIMITATIONS DUE TO WIND

Mobile scaffold towers can only be erected and used in wind-free conditions. Special attention must also be paid to the so-called wind tunnel effect when the tower is standing inside buildings during construction. In the case of wind, the platform, whether in use during operation or not, must be dismantled (or in any case reduced in height so that it cannot tip over) or firmly secured to a stable, rigid structure.

ADDITIONAL PRECAUTIONS

NOTE

PERSONAL PROTECTIVE EQUIPMENT MUST BE PROVIDED FOR ASSEMBLY AND DISASSEMBLY

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

CHARACTERISTICS AND LIMITATIONS OF USE

ADDITIONAL PRECAUTIONS

NOTE

IN ORDER TO ASSEMBLE ALL MOBILE SCAFFOLD CONFIGURATIONS EFFICIENTLY AND SAFELY, YOU NEED TO PURCHASE MORE PLATFORMS THAN NECESSARY FOR EACH CONFIGURATION. BELOW IS A TABLE SHOWING THE NUMBER OF ADDITIONAL PLATFORMS FOR A CONFIGURATION:

CONFIGURATION	ADDITIONAL PLATFORMS	CONFIGURATION	ADDITIONAL PLATFORMS
24	-	84	1
34	-	94	1
44	1	104	1
54	1	114	2
64	1	124	2
74	1		

NOTE

FOR APPROPRIATE FALL PROTECTION EQUIPMENT MUST BE PROVIDED FOR THE ASSEMBLY OF SUBSEQUENT SEGMENTS AFTER THE FIRST SEGMENT. FALL PROTECTION EQUIPMENT WHICH MUST BE ATTACHED TO THE RUNGS OF THE SIDE FRAME OF THE MOBILE SCAFFOLDING AS SOON AS YOU HAVE CLIMBED THROUGH THE HATCH TO THE WORKING PLATFORM WHERE THE WORK IS TO BE PERFORMED.
WHEN ASSEMBLING OR DISASSEMBLING THE SCAFFOLDING, ATTACH TO THE SIDE FRAMES WHICH HAVE LOCKING CATCHES, SUPPORTED AND CONNECTED TO EACH OTHER BY CROSSBARS AND BARRIERS.

NOTE

IF THE EQUIPMENT NEEDED TO ERECT THE MOBILE SCAFFOLDING HAS TO BE HOISTED UP, IT CAN BE HOISTED UP ON THE OUTSIDE ON A ROPE WHICH MUST BE PROPERLY CLIPPED TO THE PART TO BE LIFTED.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

CHARACTERISTICS AND LIMITATIONS OF USE

When assembling the mobile scaffold tower, care should be taken to assemble the subsequent components according to the following instructions:

The side frames must be assembled and locked in place with the appropriate fixing blocks, two for each frame. The lock must be inserted from the inside of the side frame to the outside of the tower.

The bracings must be secured to the supporting columns of the side frames so that the open ends of the hooks point inwards; check if the fall arrest system is locked (the mechanisms must be fitted on the inside of the tower).

Take care to keep as close as possible to the supporting column and point the open end of the hooks downwards. Check if the fall arrest system is locked (brace from top to bottom).

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

.

CHARACTERISTICS AND LIMITATIONS OF USE

Mount the working platform. Check if the safety device against accidental lifting is correctly fitted. The safety device is in the form of a pin which falls out of its socket under the force of gravity and it must be checked that nothing blocks its automatic movement.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

Safety provisions – extract from EN1004 standard

FIG. A

FIG.A: Mobile scaffold towers can be assembled and disassembled only by authorised persons who have knowledge of the instructions and practical experience in assembly and use.

FIG.B: Damaged parts must not be used.

FIG.C: Only original parts in accordance with the manufacturer's instructions should be used.

FIG.D: The substrate on which the mobile scaffold towers are moved must be of adequate strength. This substrate must be rung, without holes or significant protrusions

If working on uneven ground, any voids should be covered.

FIG.E: During displacement, there must be no materials or persons on the travelling tower. Check each time if there are no obstacles or electrical cables in the displacement area. The mobile scaffold towers have no insulation.

FIG.F: Mobile scaffold towers can only be moved by hand, and only on compact, smooth and obstacle-free surfaces. When moving, the normal walking speed must not be exceeded. Before moving, reduce the height of the tower according to the condition of the pavement and the strength of the wind.

FIG.G: Before use, check if the mobile scaffold tower has been assembled in accordance with these instructions and that it is in an upright position.

FIG.H: The attachment and use of hoisting equipment is not permitted.

FIG. B

FIG. C

FIG. D

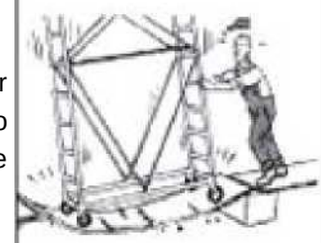


FIG. E

FIG. F

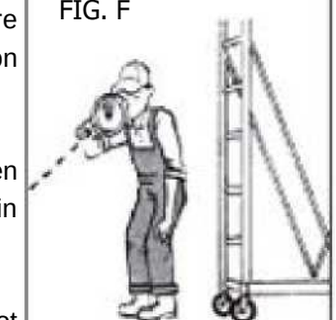
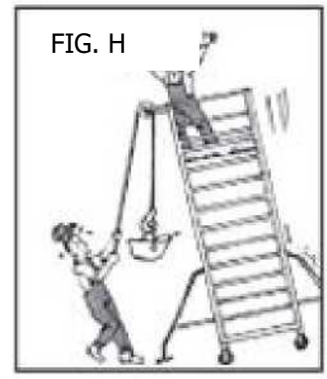


FIG. G

FIG. H



NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

FIG. I

FIG.I: No bridging is allowed between the mobile scaffold towers and a building or other structure not part of the mobile scaffold towers.

FIG.L: Before use, ensure that all safety measures to prevent accidental movement of the tower, i.e. special locking brakes and possibly adjustable clamps, were applied.

FIG. L

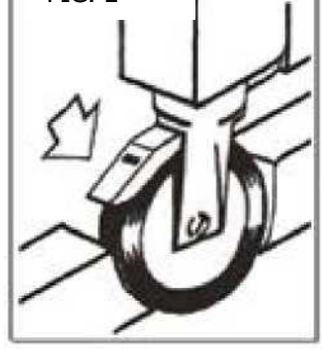


FIG. N

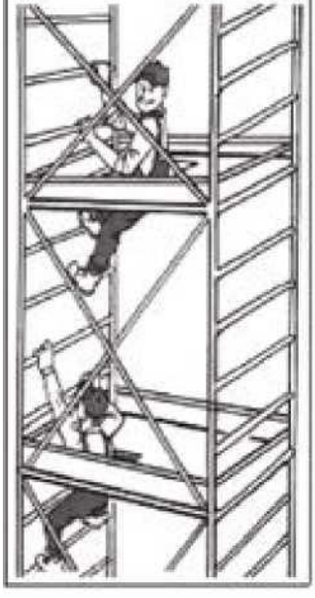


FIG.M: It is forbidden to ascend or descend from work platforms outside the areas designated for this purpose.

FIG.N: It is not permitted to jump on the tower or to place loads or persons the weight of whom exceeds the load capacity specified by the manufacturer.

Under no circumstances should additional structures be supported on platforms or rungs to increase the working height

FIG. N

NOTE!

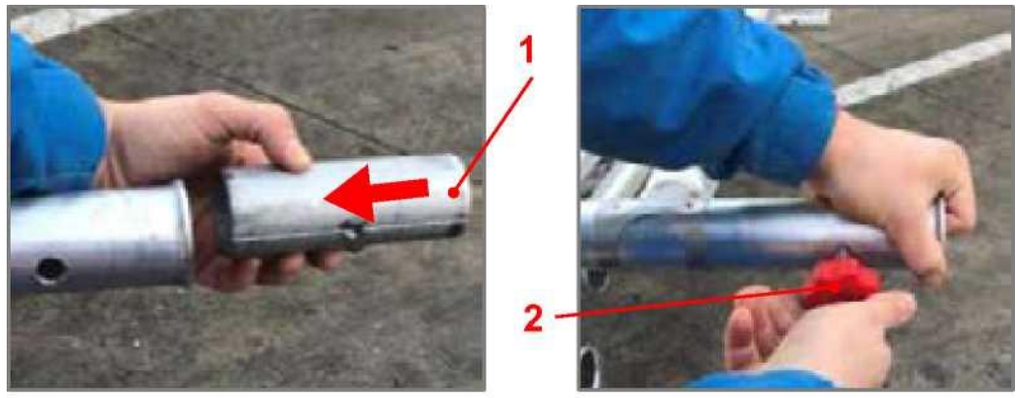
The entry and exit of a worker from a mobile scaffold tower should always take place inside the mobile scaffold tower.

NOTE!

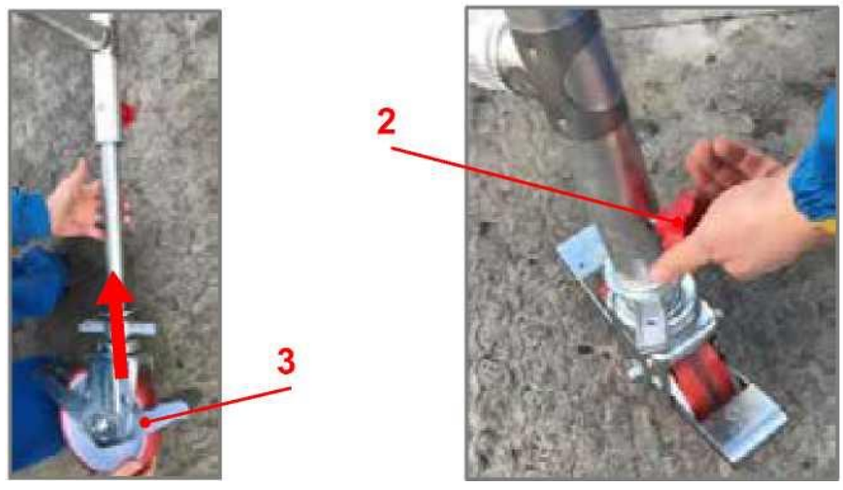
Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

ASSEMBLY OF A1-B1-D1-E1 CONFIGURATIONS

1) Fit 2 bushings(1) to the base of each of the two 2.0 m long side frames and lightly lock the corresponding fixing knob (2) so that they do not slide out.



2) Fit the adjustable casters (3) onto the bushings fitted at the previous point and finally tighten the fixing knob (2).



NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

ASSEMBLY OF A1-B1-D1-E1 CONFIGURATIONS

3) Align the two side frames so that they are parallel, and fit both crossbars on the side, over the 1st rung. Ensure that you work as close to them as possible and that the open ends of the strikers face outwards from the load-bearing column of the side frames. Check if the accidental detachment protection is engaged.

4) Fit the first step in the centre of the first rung and fasten with the screws and nuts provided.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.
.

ASSEMBLY OF BASE MODULE FOR CONFIGURATION A1, B1, D1, E1

5) Assemble the bracing: start at the top, from the 6th rung of the side frame; remember to stay as close as possible to the load-bearing column of the side frame. Point the open end of the catches downwards and check that the safety catch is engaged.

6) Replace the working platform on the 3rd rung of the side frame (counting from the bottom); check if the anti-lifting protection is correctly installed.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

ASSEMBLY OF BASE MODULE FOR CONFIGURATION A1, B1, D1, E1

7) Lock all four frame casters with the appropriate brake levers. To do this, press down with your foot on the bracket location marked "STOP".

8) Loosen the clamping knob (1) and rung the stand with the caster nuts (2). After rungling, retighten the clamping knob (1).

NOTE

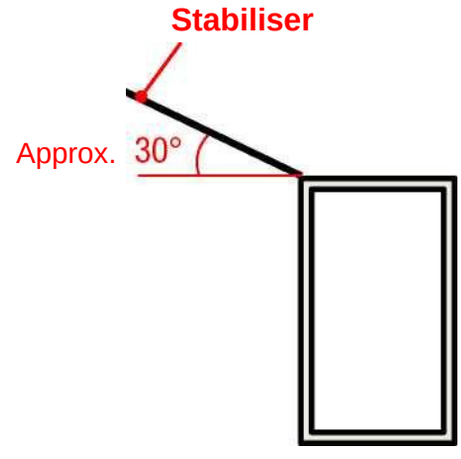
THE RUNGLING MUST BE VERY PRECISE, AS ANY SLIGHT DISPLACEMENT ON THE GROUND CAN CAUSE LARGE SHIFTS AT GREAT HEIGHTS.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

ASSEMBLY OF BASE MODULE FOR CONFIGURATION A1, B1, D1, E1

9) In order to mount the stabilising supports, fasten the upper bracket (3) of the support to the load-bearing pillar of the side frame, under the highest rung of the frame. Attach the centre bracket (4) of the stabilising support to the same frame column. Position the long stabilising beam so that it forms an angle of approximately 30° with the short side of the tower (see diagram below) and position the short beam so that it is as parallel to the ground as possible. The rubber at the lower end of the stabilising bar must perfectly adhere to the ground. Now screw the two clamp connectors firmly together. Repeat these steps on all four stabilisers.



10) Suspend the ballasts on the crossbars of the stabilising supports. NOTE: The dimensional parameters of the ballasts depend on the particular installation configuration (see model overview, page 3-4).

NOTE!

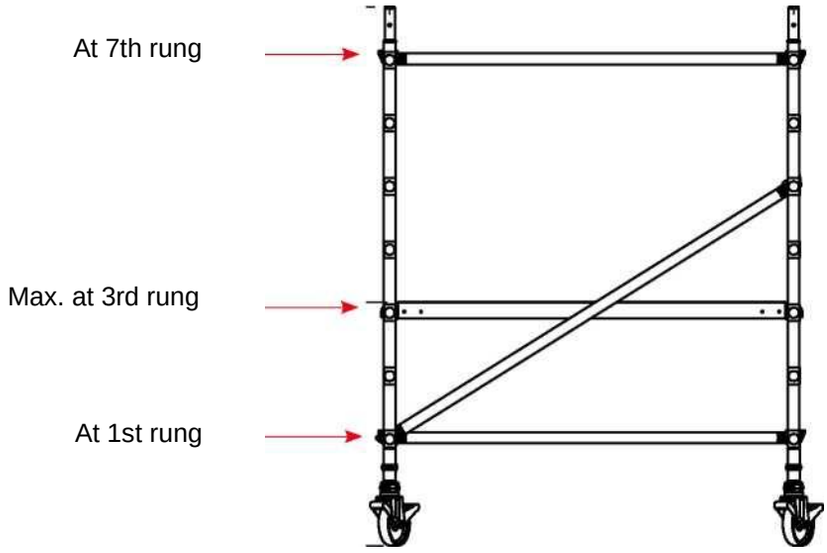
Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

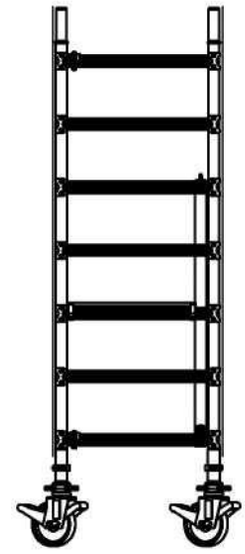
TOP SYSTEM CONFIGURATION ASSEMBLY

ASSEMBLY CONFIGURATION A1-B1-D1-E1 24

LONG SIDE
1.8 m - 2.45 m

SHORT SIDE
0.75 m - 1.35 m





Tower width:	0,75 m	1,35 m
Maximum tower height:	3,4 m	3,4 m
Max. working platform height:	2,4 m	2,4 m
Tower length:	Order number	
1,80 m	A1-24	D1-24
2,45 m	B1-24	E1-24

CONFIGURATION ASSEMBLY from specifications A1-B1-D1-E1 24: assemble the base module (page 18) with the exception of the four stabilisers (not needed in these configurations).

NOTE!

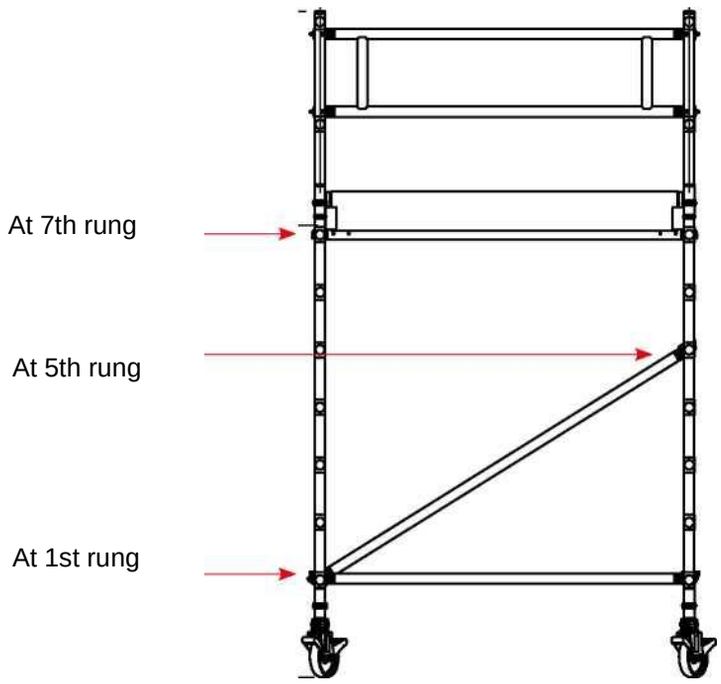
Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 34

LONG SIDE
1.8 m - 2.45 m

SHORT SIDE
0.75 m - 1.35 m



Tower width:	0,75 m	1,35 m
Maximum tower height:	3,4 m	3,4 m
Max. working platform height:	2,4 m	2,4 m
Tower length:	Order number	
1,80 m	A1-34	D1-34
2,45 m	B1-34	E1-34

CONFIGURATION ASSEMBLY from specification A1-B1-D1-E1 34:
after assembling the base module (page 18), proceed as

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION

CONFIGURATION ASSEMBLY A1-B1-D1-E1 34

1) Climb onto the working platform, position the end modules on either side of the tower and lock them in place with locks, two on each side frame.

2) Fit the railing on the wide sides at the front and rear, under the last rung of the end module. Ensure that the open ends of the catches point outwards and check if the fall arrest system is engaged.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 34

3) Remove the working platform and attach the second bracing from the 6th rung of the base frame. Remember to stay as close to the supporting column as possible. Point the open ends of the catches downwards and check if the fall arrest system is engaged.

4) Attach the work platform to the 7th rung of the base frame; check if the anti-lifting protection is correctly attached.

5) Assemble the toe boards on the working platform specified in the previous section.

See the section "TOE BOARD ASSEMBLY" (page 55).

NOTE!

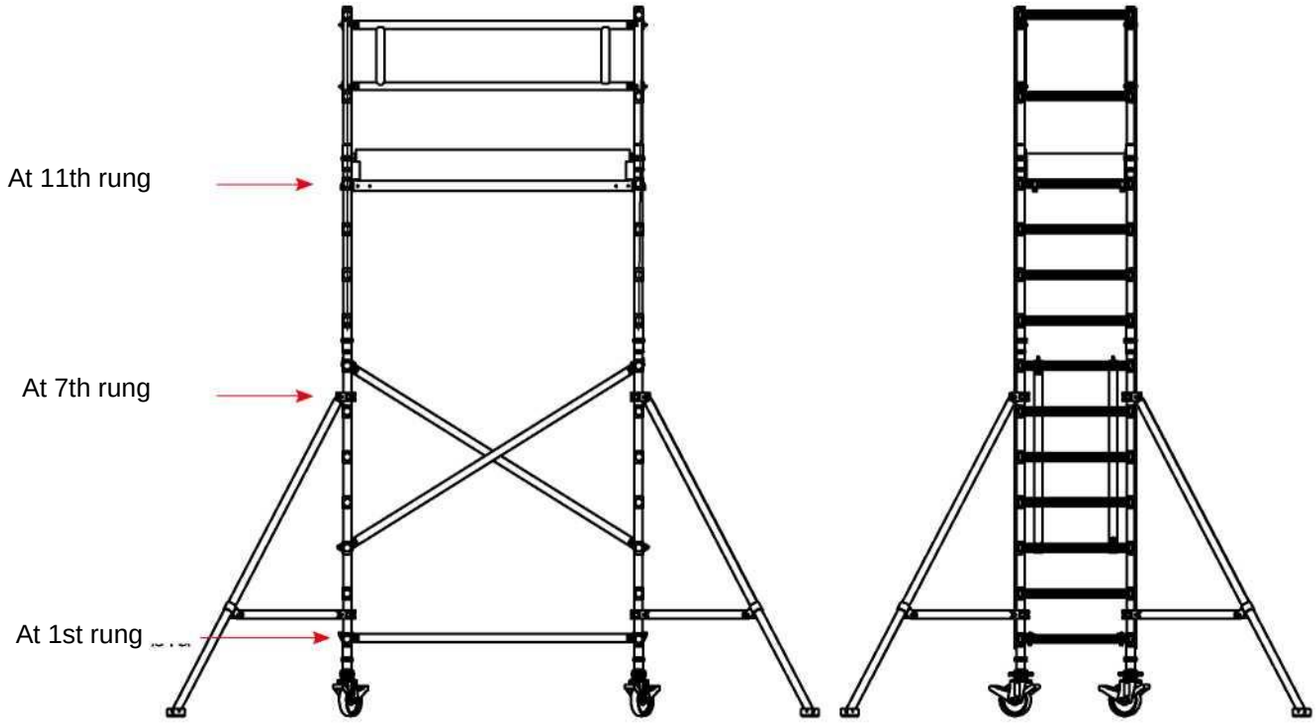
Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 44

LONG SIDE
1.8 m - 2.45 m

SHORT SIDE
0.75 m - 1.35 m



Tower width:	0,75 m	1,35 m
Maximum tower height:	4,4 m	4,4 m
Max. working platform height:	3,4 m	3,4 m
Tower length:	Order number	
1,80 m	A1-44	D1-44
2,45 m	B1-44	E1-44

CONFIGURATION ASSEMBLY according to specifications A1-B1-D1-E1 44: in the first step, follow the instructions for assembly of the base module (page 18).
Then follow the instructions on the next page.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 44

1) Assemble both side frames (size 1.0 m) with two end modules on the ground and lock them with the locks, two for each side frame.

2) Climb onto the working platform and assemble the side frames with the end modules on both sides of the scaffolding and lock them with the locks, two for each side frame

3) Fit the railings on the wide sides at the front and rear, under the last rung of the end module.
Ensure that the open ends of the catches face outwards and check if the fall arrest system is engaged.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM RATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 44

4) From the rung of the lower working platform, place the second working platform on the 4th rung of the first frame at 1.0 m; check if the anti-lifting protection is correctly assembled.

5) Assemble the toe boards on the working platform established in the previous section.
See the section "TOE BOARD ASSEMBLY" (page 55).

6) Remove the lower working platform and assemble the second brace from the 6th rung of the base frame; remember to keep as close as possible to the load-bearing column. Point the open ends of the catches downwards and check if the fall arrest system is engaged.

NOTE!

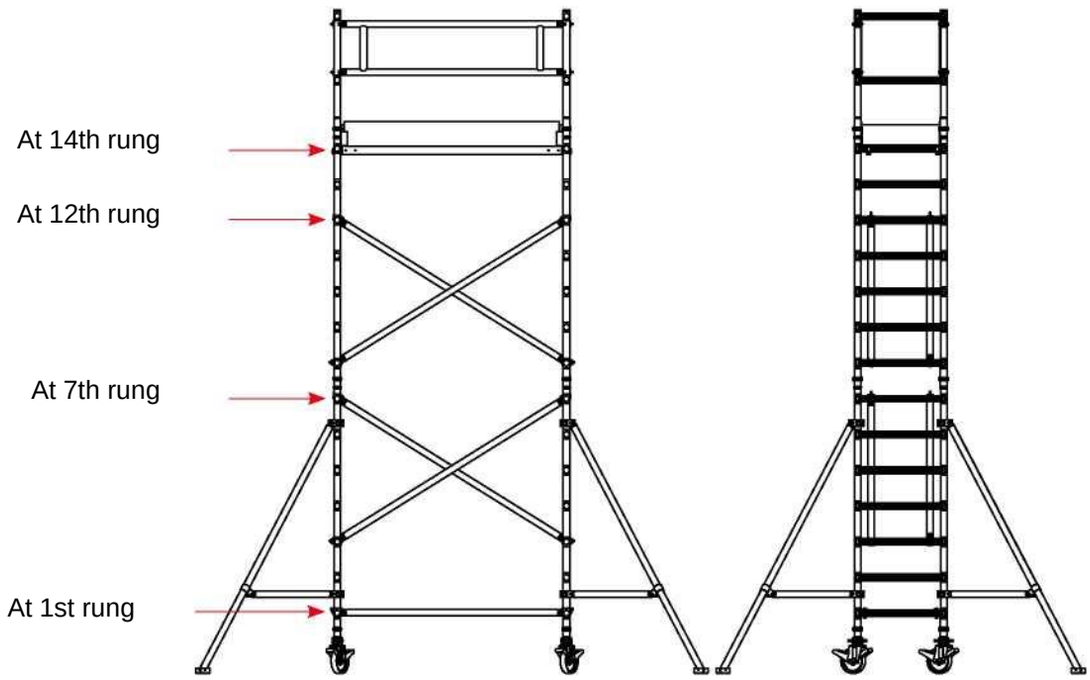
Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 54

LONG SIDE
1.8 m - 2.45 m

SHORT SIDE
0.75 m - 1.35 m



Tower width:	0,75 m	1,35 m
Maximum tower height:	5,4 m	5,4 m
Max. working platform height:	4,4 m	4,4 m
Tower length:	Order number	
1,80 m	A1-54	D1-54
2,45 m	B1-54	E1-54

CONFIGURATION ASSEMBLY according to specifications A1-B1-D1-E1 54: in the first step, follow the instructions for assembly of the base module (page 18).

Then follow the instructions on the next page..

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

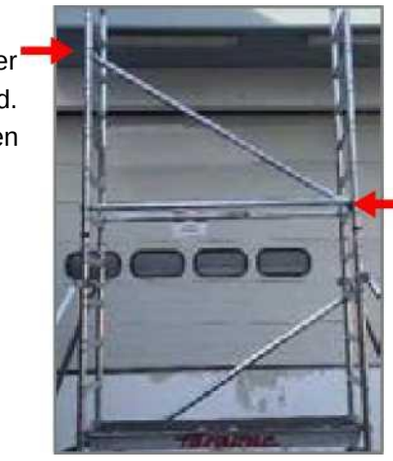
TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 54

1) Climb onto the pre-assembled working platform, place 1 side frame (size 2.0 m) on each side of the tower and lock it with the locking devices, two for each frame.

2) Fit both crossbars on the side, over the 1st rung of the first side frame (size 2.0 m). Take care to keep as close to the rungs as possible. Point the open ends of catches outwards. Check if the fall arrest system is engaged.

3) Brace from the 5th rung of the first side frame (2.0 m. diagonal) on the other side of the tower, opposite the one where the previous bracing was installed. Remember to stay as close to the supporting column as possible. Point the open end of the catches downwards and check if the safety catch is engaged.



NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 54

4) Place the working platform on the 3rd rung of the first side frame (size 2.0 m), Remember to put on the anti-lifting protection. To do this, push it down.

5) Climb onto the pre-assembled working platform, attach the end module on both sides of the tower and lock with locks, two for each module.

6) Mount the railings on the wide sides at the front and rear, under the last rung of the end module. Ensure that the open ends of the catches face outwards and check that the accidental detachment protection is engaged.

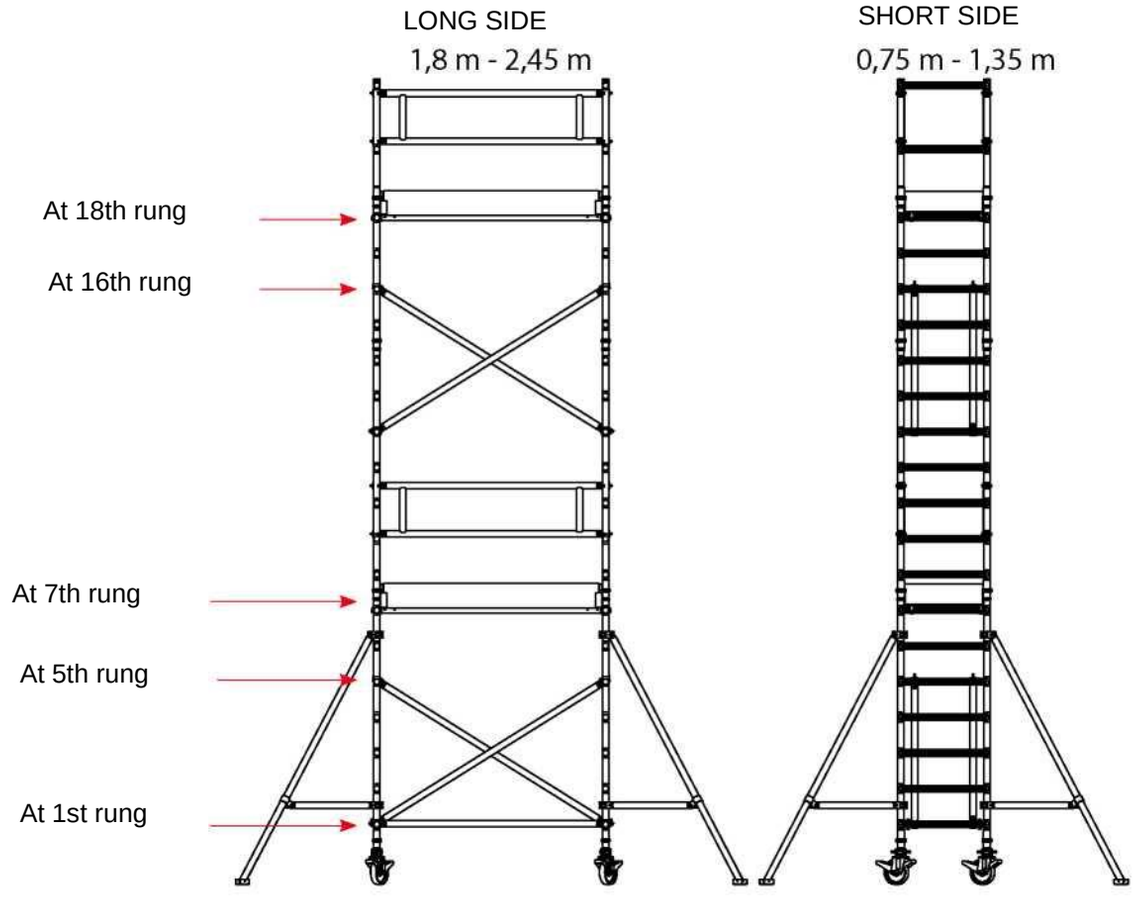
7) Remove the lower working platform and attach the second brace from the 6th rung of the base frame; remember to stay as close to the load-bearing column as possible. Point the open ends of the catches downwards and check if the accidental detachment protection is engaged.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 64



Tower width:	0,75 m	1,35 m
Maximum tower height:	6,4 m	6,4 m
Max. working platform height:	5,4 m	5,4 m
Tower length:	Order number	
1,80 m	A1-64	D1-64
2,45 m	B1-64	E1-64

CONFIGURATION ASSEMBLY according to specifications A1-B1-D1-E1 64: in the first step, follow the instructions for assembly of the base module (page 18).

Then follow the instructions on the next page.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 64

1) Climb onto the pre-assembled working platform, place 1 side frame (size 2.0 m) on each side of the tower and lock it in place with locking devices, two for each frame.

2) Attach the railings on the wide front and rear sides, over the 2nd rung of the first side frame (size 2.0 m). Ensure that the open ends face outwards and check if the fall arrest system is engaged.

3) Attach the working platform to the 3rd rung of the first side frame; check if the anti-lifting safety device is correctly attached.

4) Assemble the mobile scaffold towers according to the instructions in "Assembly of end module with side frame (1.0 m)". (page 52).

5) Move the lower working platform and place it on the 7th rung of the base frame. Check if the accidental-lifting device is correctly fitted.

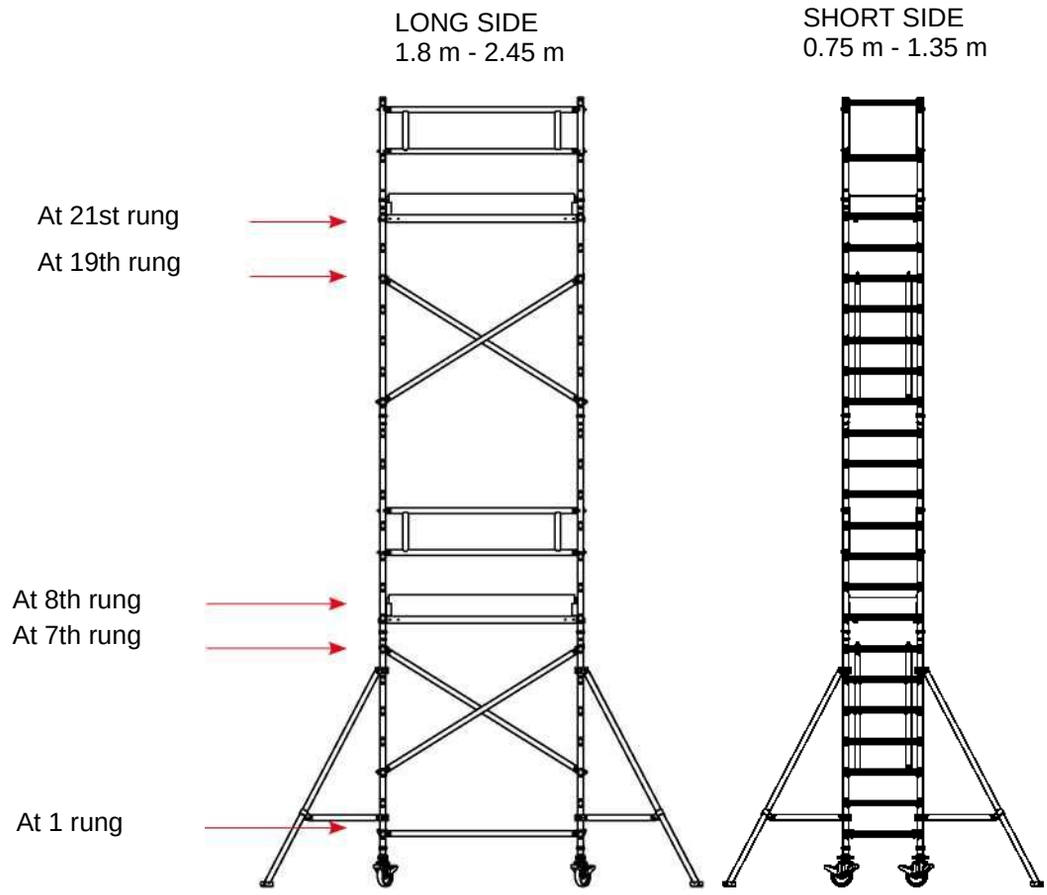
6) Assemble the toe boards on the working platform established in the previous section. See the section "TOE BOARD ASSEMBLY" (page 55).

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 74



Tower width:	0,75 m	1,35 m
Maximum tower height:	7,4 m	7,4 m
Max. working platform height:	6,4 m	6,4 m
Tower length:	Order number	
1,80 m	A1-74	D1-74
2,45 m	B1-74	E1-74

Configuration assembly according to specifications A1-B1-D1-E1 74: in the first step, follow the instructions for assembly of configuration 54 (page 30, up to and including point 4). Then follow the instructions on the next page.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 74

1) Climb up onto the pre-assembled working platform, attach 2 side frames (size 2.0 m) on either side of the tower and lock them in place with locking devices, two for each frame.

2) Fit the railings on the wide side, front and rear, over the 2nd rung of the second side frame (size 2.0m). Ensure that the open ends face outwards and check if the fall arrest system is engaged.

3) Attach the working platform to the 3rd rung of the first side frame; check if the anti-lifting protection is correctly attached.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 74

4) Assemble the mobile scaffold towers according to the instructions in "ASSEMBLY OF END MODULE WITH SIDE FRAME (2.0 m)" (page 43).

5) Reposition the working platform immediately below and attach it to the 7th rung of the first side frame (2.0 m). Check if the anti-lifting protection is correctly fitted.

6) 6) Install the toe boards on the working platform established in the previous section.

See section "TOE BOARD ASSEMBLY" (page 55).

7) Reposition the lower work platform and place it on the 7th rung of the base frame (size 2.0 m). Check if the anti-lifting protection is correctly fitted. Attach the second brace from the 6th rung of the first frame (2.0 m). Make sure you stay as close to the bear-loading column as possible. Point the open end of the brace downwards and check that the fall arrest system is engaged.

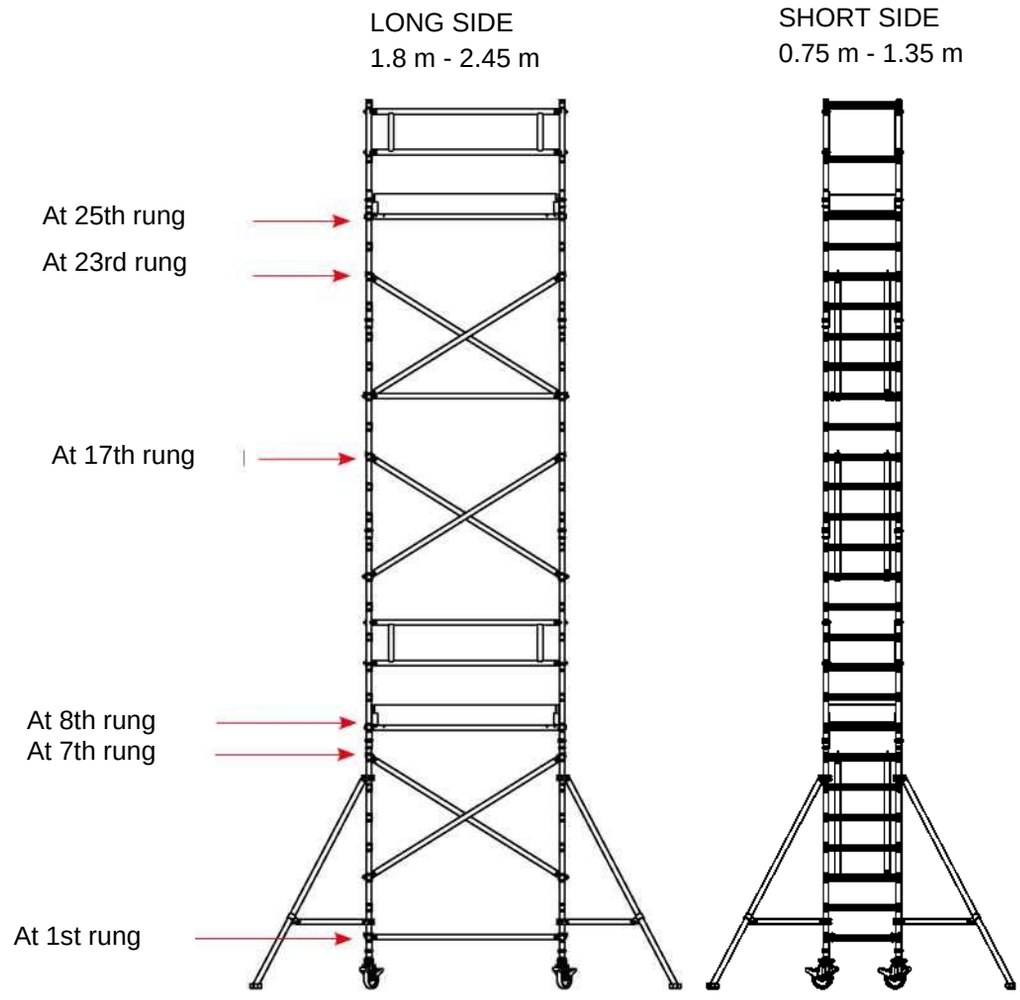
8) Finally, remove the lower platform completely.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 84



Tower width:	**0,75 m**	**1,35 m**
Maximum tower height:	**8,4 m**	**8,4 m**
Max. working platform height:	**7,4 m**	**7,4 m**
Tower length:	Order number	
1,80 m	A1-84	D1-84
2,45 m	B1-84	E1-84

Configuration assembly according to specifications A1-B1-D1-E1 84: in the first step, follow the instructions for assembly of configuration 74 (page 35, up to and including point 3). Then follow the instructions on the next page.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 84

1) Assemble the mobile scaffold towers according to the instructions under "Assembly of end module with side frame (1.0 m)" (page 52).

2) Reposition the work platform immediately below and attach it to the 7th rung of the first side frame (2.0 m). Check if the anti-lifting protection is correctly fitted.

.

3) Assemble the toe boards on the working platform established in the previous section.

See section "TOE BOARD ASSEMBLY" (page 55).

4) Reposition the lower working platform and place it on the 7th rung of the base frame (2.0 m). Check if the anti-lifting protection is correctly fitted. Attach the second brace from the 6th rung of the first frame (2.0 m.); make sure to stay as close to the supporting column as possible. Point the open ends of the catches downwards and check if the anti-accidental release protection is engaged.

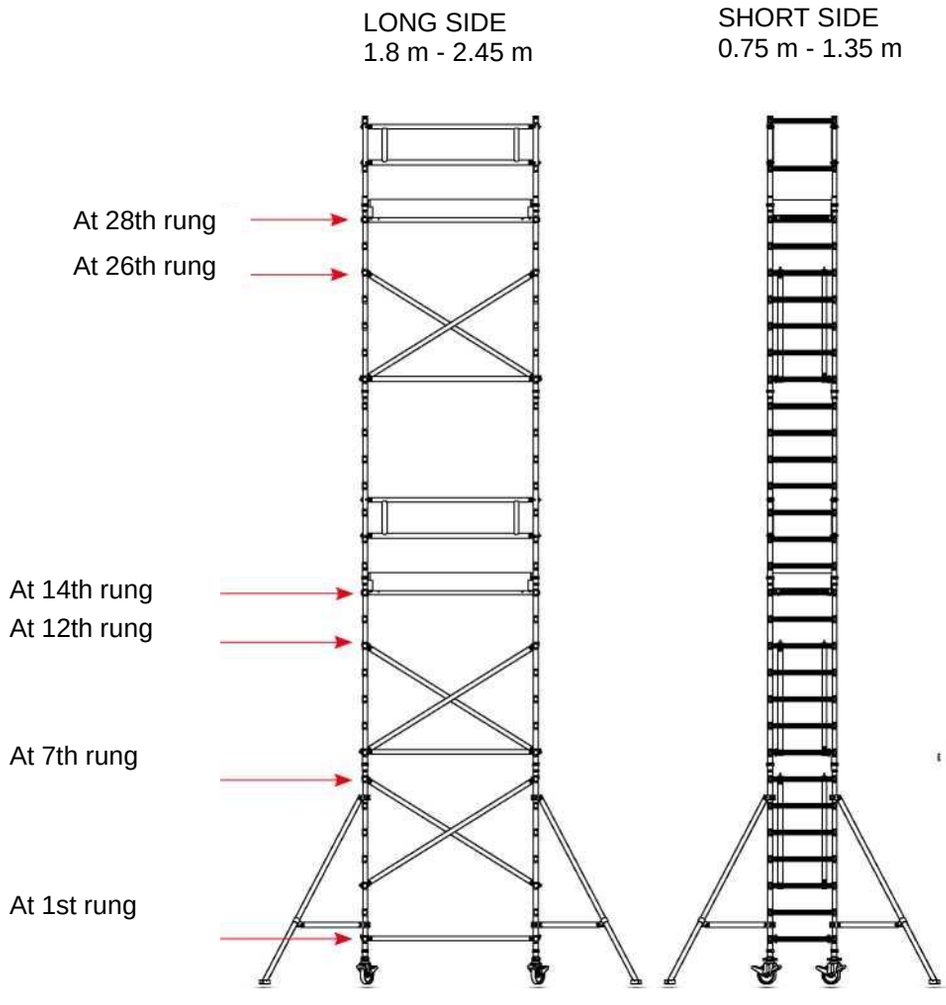
5) Finally, remove the lower platform completely.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

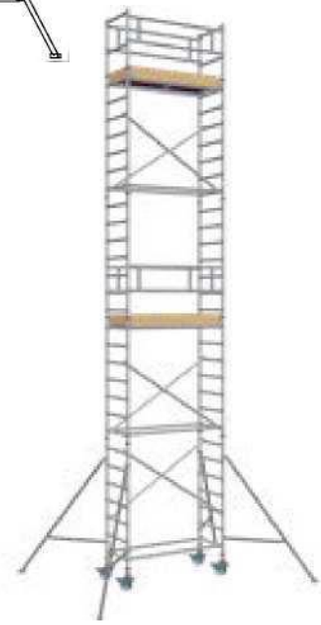
TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 94



Tower width:	**0,75 m**	**1,35 m**
Maximum tower height:	**9,4 m**	**9,4 m**
Max. working platform height:	**8,4 m**	**8,4 m**
Tower length:	Order number	
1,80 m	A1-94	D1-94
2,45 m	B1-94	E1-94

Configuration assembly according to specifications A1-B1-D1-E1 94: in the first step, follow the instructions for assembly of configuration 74 (page 35, up to and including point 3).
Then follow the instructions on the next page.



NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 94

1) Climb onto the pre-assembled working platform, attach the 3rd side frame (size 2.0 m) on both sides of the tower and lock it with the locking devices, two for each frame.

2) Fit both side cross bars over 1st rung of the third side frame (size 2.0 m). Take care to keep as close to the rungs as possible. Point the open ends of the strikers outwards. Check if the fall arrest system is engaged.

3) Brace from 5th rung of the third side frame (2.0 m) on the other side of the scaffolding, opposite to the side where the previous bracing was mounted. Remember to stay as close to the supporting column as possible. Point the open ends of the catch downwards and check if the fall arrest system is engaged.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 94

4) Remove the lower working platform and attach the second bracing from the 6th rung of the base frame. Remember to stay as close as possible to the supporting column. Point the open ends of the catches downwards and check if the fall arrest system is engaged.

5) Attach the working platform to the 3rd rung of the 3rd side frame (2.0 m); check if the anti-lifting is correctly fitted.

6) Assemble the mobile scaffold towers according to the instructions under "ASSEMBLY OF END MODULE WITH SIDE FRAME (2.0 m)" (page 50).

7) Move the work platform immediately below and place it on the 7th rung of the 2nd side frame (2.0 m). Check if the anti-lifting protection is correctly fitted. Attach the second bracing from the 6th rung of the 3rd side frame (2.0 m); make sure to stay as close to the supporting column as possible. Point the open ends of the catches downwards and check if the anti-accidental release is engaged.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 94

8) Completely remove the working platform from the 7th rung of the 2nd frame.

9) Reposition the working platform immediately below and attach it to the 7th rung of the first side frame (2.0 m). Check if the anti-lifting protection is correctly fitted.

10) Assemble the toe boards on the working platform mounted in the previous step. See section "TOE BOARD ASSEMBLY" (page 55).

11) Reposition the lower working platform and place it on the 7th rung of the base frame (size 2.0 m). Check if the anti-lifting protection is correctly fitted. Attach the second bracing from the 6th rung of the first frame (2.0 m); make sure to stay as close to the support column as possible. Point the open ends of the catches downwards and check if the fall arrest system is engaged.

12) Finally, remove the lower platform completely.

NOTE!

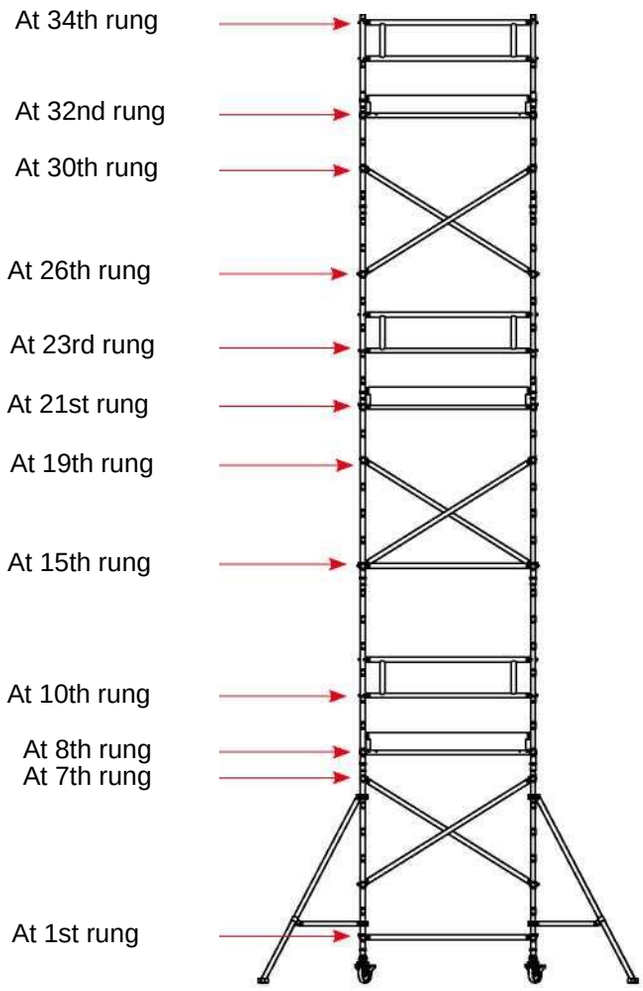
Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

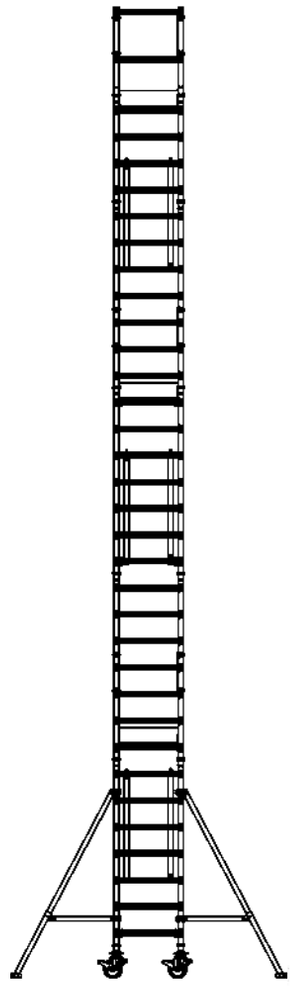
TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 104

LONG SIDE
1.8 m - 2.45 m

SHORT SIDE
0.75 m - 1.35 m





Tower width:	**0,75 m**	**1,35 m**
Maximum tower height:	**10,4 m**	**10,4 m**
Max. working platform height:	**9,4 m**	**9,4 m**
Tower length:	Order number	
1,80 m	A1-104	D1-104
2,45 m	B1-104	E1-104

Configuration assembly according to specifications A1-B1-D1-E1 104: In the first step, follow the instructions for assembly of configuration 74 (p. 35, up to point 3 inclusive). Then follow the instructions on the next page.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 104

1) Climb onto the pre-assembled working platform, attach 3 side frames (size 2.0 m) on both sides of the tower and lock them in place with locking devices, two for each frame.

2) Fit the railings on the wide sides at the front and rear, over the 2nd rung of the third side frame (size 2.0m). Ensure that the open ends are facing outwards. Check that the anti-accidental release device is engaged.

3) Install the working platform with hatch on the 3rd rung of the 3rd side frame; check if the anti-lifting protection is correctly fitted.

4) Assemble the mobile scaffold towers according to the instructions in "ASSEMBLY OF THE END UNIT WITH HALF OF THE SIDE FRAME MODULE (1.0 m)". (page 52).

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 104

5) Move the working platform immediately below and place it on the 7th rung of the 2nd side frame (2.0 m). Check if the anti-lifting protection is correctly fitted.

6) Assemble the toe boards on the working platform specified in the previous point. See section "TOE BOARD ASSEMBLY" (page 55)

7) Move the work platform immediately below and place it on the 7th rung of the first side frame (2.0 m). Check that the accidental undermining protection is correctly fitted.

8) Assemble the toe boards on the working platform specified in the previous section. See section "TOE BOARD ASSEMBLY " (page 55).

9) Reposition the lower working platform and place it on the 7th rung of the base frame (size 2.0 m). Check if the anti-lifting protection is correctly in place.

Attach the second bracing from the 6th rung of the first frame (2.0 m). Remember to stay as close to the supporting column as possible. Point the open ends of the catches downwards. Check if the fall arrest system is engaged..

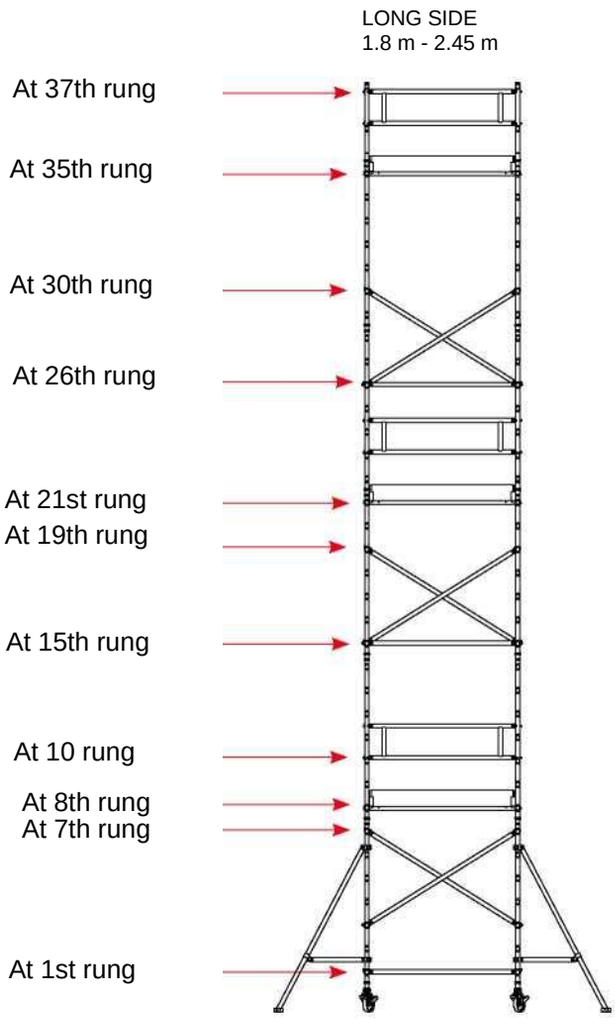
10) Finally, remove the lower platform completely.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 114



Tower width:	0,75 m	1,35 m
Maximum tower height:	11,4 m	11,4 m
Max. working platform height:	10,4 m	10,4 m
Tower length:	Order number	
1,80 m	A1-114	D1-114
2,45 m	B1-114	E1-114

Configuration assembly according to specifications A1-B1-D1-E1 114: in the first step, follow the instructions for assembly of configuration 94 (page 40, up to and including point 3).
Then follow the instructions on the next page

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 114

1) Assemble the mobile scaffold towers according to the instructions under "ASSEMBLY OF THE SIDE FRAME END MODULE (1.0 m)". (page 52).

2) Reposition the working platform immediately below and attach it to the 7th rung of the 3rd side frame (2.0 m). Check if the anti-lifting device is correctly fitted.

3) Assemble the toe boards on the working platform as specified in the previous section. See section "TOE BOARD ASSEMBLY" (page 55).

4) Move the working platform immediately below and place it on the 7th rung of the second side frame (2.0 m). Check if the anti-lifting protection is correctly fitted. Attach the second bracing from the 6th rung of the 3rd side frame (2.0 m). Remember to stay as close to the supporting column as possible. Point the open ends of the catches downwards. Check if the anti-accidental release is engaged.

5) Completely remove the working platform from the 7th rung of the 2nd frame.

6) Reposition the working platform immediately below and attach it to the 7th rung of the 2nd side frame (2.0 m). Check if the anti-lifting protection is correctly fitted.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions..

TOP SYSTEM CONFIGURATION ASSEMBLY

CONFIGURATION ASSEMBLY A1-B1-D1-E1 114

7) Assemble the toe boards on the working platform specified in the previous section. See section "TOE BOARD ASSEMBLY" (page 55).

8) Reposition the lower working platform and place it on the 7th rung of the base frame. Check if the anti-lifting protection is correctly fitted. Attach the second bracing from the 6th rung of the first frame (2.0 m). Be sure to stay as close to the supporting column as possible.

Point the open ends of the catches downwards. Check if the fall arrest system is engaged.

9) Finally, remove the lower platform completely.

Work safely at height

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

ASSEMBLY OF END MODULE WITH SIDE FRAME (2.0 m)

1) Climb onto the pre-assembled working platform, attach the end module on both sides of the tower and lock with locks, two for each module.

2) Fit the railings on the wide sides at the front and rear, under the last rung of the end module.

Ensure that the open ends of the catches point outwards. Check that the fall arrest system is engaged.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

ASSEMBLY OF END MODULE WITH SIDE FRAME (2.0 m)

3) Remove the lower working platform and attach the second bracing from the 6th rung of the base frame. Remember to keep as close as possible to the support column. Point the open ends of the catches downwards. Check if the fall arrest system is engaged.

4) From the level of the upper working platform, place a working platform with hatch on the 7th rung of the last frame (size 2.0 m). Check if the anti-lifting protection is correctly fitted.

5) Assemble the toe boards on the working platform specified in the previous step. Refer to the section "TOE BOARD ASSEMBLY" (page 55).

6) Return to the section describing the assembly of the configuration in question.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

ASSEMBLY OF END MODULE WITH SIDE FRAME (1.0 m)

1) Assemble the two side frames (size 1.0 m) with the two end modules on the ground and lock them in place with locks, two for each side frame.

2) From the working platform at the top, place both side frames folded on the ground, one on each side of the tower, and lock them in place with locking devices, two per frame.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

ASSEMBLY OF END MODULE WITH SIDE FRAME (1.0 m)

3) Assemble bracing from the 2nd rung of the frame at 1.0 m (counting from the bottom). Be sure to stay as close to the supporting column as possible. Point the open ends of the catches downwards and check that the fall arrest system is engaged.

4) Remove the lower working platform and attach the second bracing from the 6th rung of the base frame. Remember to keep as close as possible to the supporting column. Point the open ends of the catches downwards and check if the fall arrest system is engaged.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

ASSEMBLY OF END MODULE WITH SIDE FRAME (1.0 m)

5) From the top platform, place the work platform on the 4th rung of the last frame of 1.0 m (counting from the bottom). Check if the anti-lifting protection is correctly fitted.

6) Pull up the barriers and place them on the penultimate working platform. Now one person has to enter through the hatch in the last platform, while the other person enters the penultimate platform and passes both railings to be installed under the last rung of the end module. The open ends of the catches must face outwards. Check if the fall arrest system is engaged.

7) Assemble the toe boards on the working platform specified in the previous step. See section "TOE BOARD ASSEMBLY" (page 55).

8) Return to the section describing the assembly of the configuration in question.

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

TOE BOARD ASSEMBLY

1) Place the long toe boards parallel to the work platform by pushing the aluminium toe boards against the rung and against the support frame of the tower (see photo above).

2) Slide the short toe boards into the slots of the long toe boards (see photo below).

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

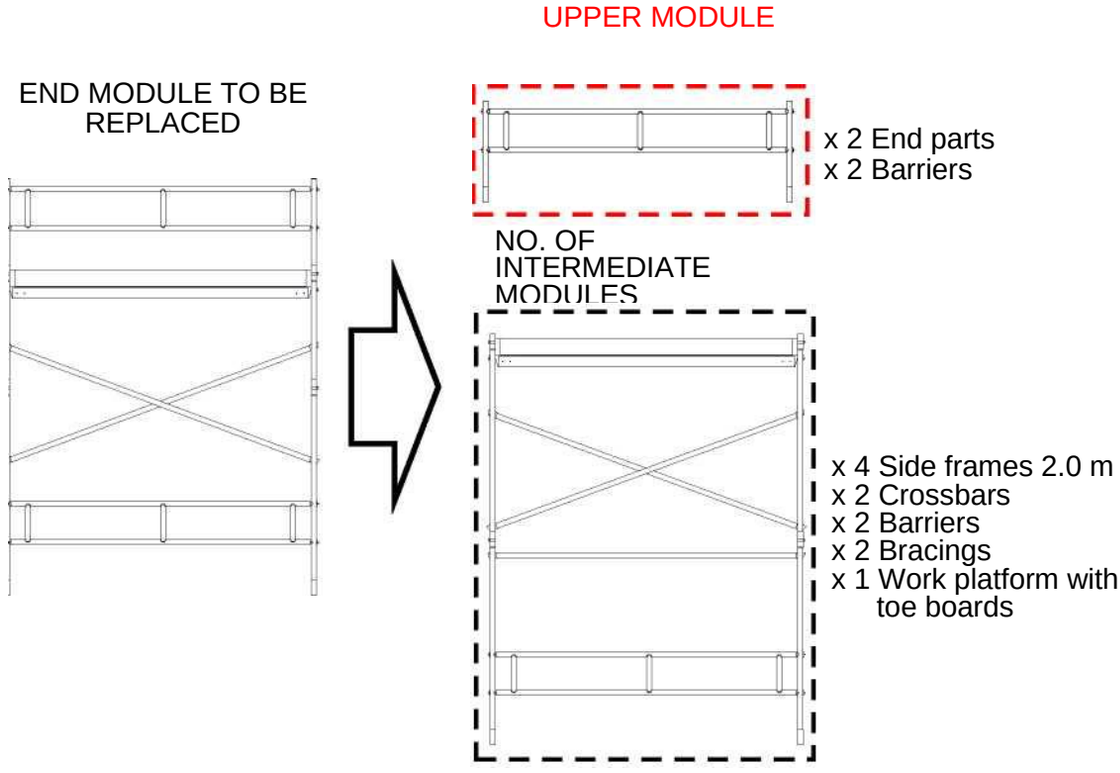
ANCHORING OF MOBILE SCAFFOLD TOWERS

UNI EN 1004 STANDARD AND CONSOLIDATED TEXT ON SAFETY

The design of the towers described in this instructions complies with the requirements of the UNI EN 1004 technical standard and with those of Regulation 81/2008 (consolidated text on safety); the differences lie in the operating possibilities.

- When used in accordance with UNI EN 1004, the maximum permissible working height of the towers is 8.0 m outdoors and 12.0 m indoors. The towers should be assembled exactly according to the standard configurations given in this manual. It is recommended (although not mandatory) to always attach (anchor) the towers to a stable, rigid structure if possible.
- When used in accordance with Regulation no. 81/2008, the maximum permissible working platform height for these towers is 19.4m. They must be obligatorily anchored every four metres to a rigid, stable structure. The base casters must be locked with wedges. Additional modules to be supplied in order to reach heights greater than those under the UNI EN 1004 standard must be supplied as follows:

From the highest maximum configuration provided for in the UNI EN 1004 standard (total height of 12.4 m), remove the top module and the last intermediate module (see figure on the left) and insert in their place the elements of the module shown on the right. Place the upper module on top, fitted with side rails as shown below:



NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

ANCHORING OF MOBILE SCAFFOLD TOWERS

WALL SPACERS

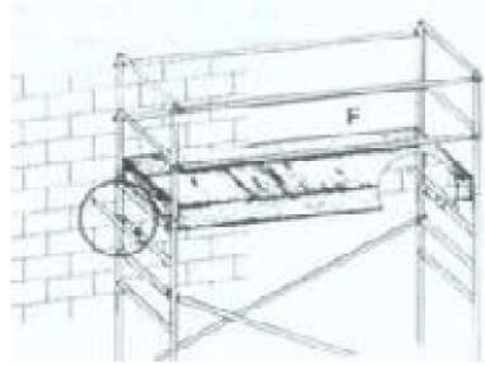
NOTE

THE MANUFACTURER DOES NOT SPECIFY A PARTICULAR TYPE OF ANCHORING, BUT ONLY A GUIDELINE TO HELP THE USER TO SELECT THE BEST ANCHORING SYSTEM FOR THE WORKS IN QUESTION

- The wall spacers (wall anchors) are attached to the structure on the side (wall-side assembly) of the scaffolding and serve to ensure its stability and safety.

- The places on the wall where the anchors are to be fixed must be selected so that the wall anchors are attached during assembly of the structure, always in pairs, at intervals of at most four metres (NOTE: on the tallest part of the tower, the attachment must be made at the penultimate crossbar (rung) of the tallest supporting side frame, not at the frame with railing - see drawing below). The fixing scheme shown in the drawing is exemplary.

NOTE:
The fixing scheme shown in the drawing is for illustration purposes only

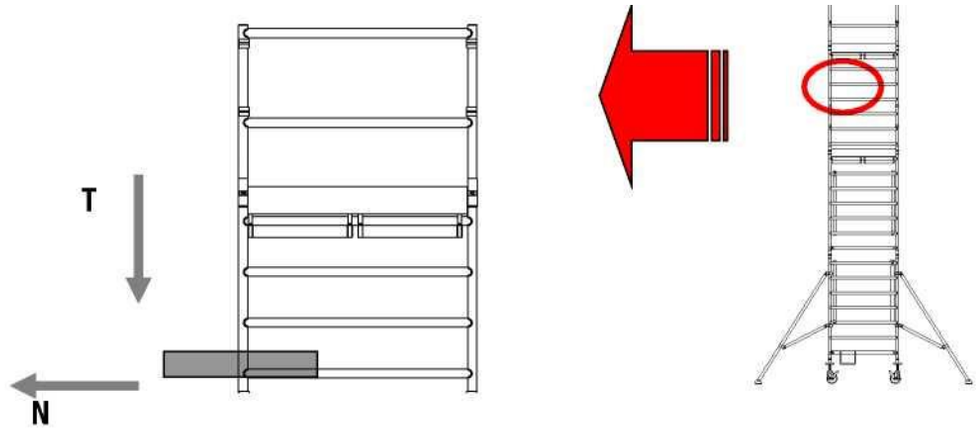


- Drill holes for the anchors to be inserted in the wall. Pay attention to the forces applied to the crosspieces at the nodes of the structural frame.
- The fastening elements to the wall must be made of metal (steel or aluminium), with a cross-section not smaller than that of the profiles forming the main structure. The use of solid elements (flat bars, rectangular bars, etc.) is forbidden, but open sections (C-profiles, L-profiles, U-profiles, etc.) may be used, but the specified parameters must always be complied with.
- The fastening element for towers must have at least the following parameters at each connection point to the rigid structure (see simplified drawing):

NOTE!

Read these operating instructions before using the mobile scaffold tower.
Always follow the OHS instructions.

ANCHORING OF MOBILE SCAFFOLD TOWERS



Model mobile scaffold towers	Normal stress strength (N)	Shear strength (N)
Top System side frame 75 cm	1300 N	4000 N
Top System side frame 135 cm	1300 N	4000 N
Top System side frame 185 cm	1625 N	5000 N

- In the case of all structure fixing points, the parts of the same type and with the same performance shall be used.
- The fixings must be arranged symmetrically to the median plane of the structure. Possible asymmetries may under no circumstances exceed 100 mm.

GUARANTEE

Guarantee card (to be kept)

Product type .....
Date of purchase .....
Customer name .....
Address .....
Postal code..... City.....
Voivodeship..... Country .....
Tel.....Fax..... E-mail .....
Nature of business or position.....

Company stamp

I consent to the processing of the personal data contained in this document in accordance with Art. 1 section 2 of the General Data Protection Regulation of 27 April 2016. I inform that Faraone Poland Sp. z o. o. is the Controller of your personal data. This means that we are responsible for the use of your data in a secure, contractual and legal manner. The controller can be contacted:

- in writing, by post at the following address : - by e-mail at: iod@faraone.pl

FARAONE POLAND Sp. z o. o.
ul. Prosta 32, Łozienica
72-100 Goleniów

Guarantee conditions

1. Faraone Poland Sp. z o. o., with its registered office in Łozienica, ul. Prosta 32, 72-100 Goleniów, provides the guarantee for the products offered for a period of:

- 12 months for Akala Hobby Line products,
- 12 months for special products,
- 12 months for material lifts,
- 24 months for standard products: ladders, mobile scaffold towers and work platforms,

2. The guarantee is provided on the following conditions:

2.1 The guarantee period starts at the time of purchase of the product by the first buyer, the decisive is the date included in the original proof of purchase issued by Faraone Poland Sp. z o. o. or a Faraone distributor.

2.2 The guarantee covers only defects in the product which are due solely to the fault of the manufacturer and which arise from causes attributable to the product (hidden manufacturing defects in materials) provided that:

- the product has been used in accordance with the operating instructions and intended use and has been properly maintained and stored;
- the product has not been repaired by unauthorised persons other than employees or representatives of Faraone Poland;
- the product has not been disassembled or modified by unauthorised persons other than employees or representatives of Faraone Poland;
- the marking with the product serial number has not been destroyed (removed).

FARAONE POLAND Sp. z o.o.
ul. Prosta 32, Łozienica
72-100 Goleniów
tel.: +48 91 579 03 90
e-mail: info@faraone.pl

www.faraone.pl

21-07-2023