



ASSEMBLY AND SAFETY MANUAL

Span 400 Instruction Manual

Single-width and double-width mobile scaffold towers

DOCUMENT USE NOTE

Safety-critical documents. Read and follow every original instruction and warning on the pages that follow.

INSTANT



INSTRUCTION MANUAL

Span 400

Span 400 Single Width

Span 400 Double Width

THE PRODUCT IS TYPE-TESTED BY ROSE / REV 05.
SPAN 400 ROSE type test certificate C801077 dated May 6, 2024.
Scaffolding according to AFS 2013-4 / Manufactured: Instant. The
scaffold in this manual meets or exceeds the requirements of OSHA
1926.450 Subpart L, and all ANSI standards.

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MAXIMUM PLATFORM LOAD

500 lbs

This product must only be used
in accordance with these
assembly instructions.



Warning

Do not use ladders, chairs,
boxes or makeshift devices
to increase the working
height.



ATTENTION!

Read and understand the entire
instruction manual before
assembling, moving or dismantling.

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Safe working loads and working heights

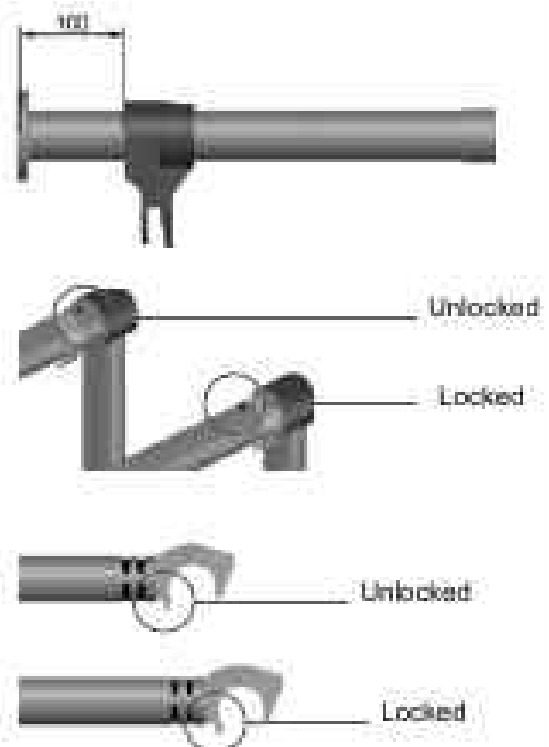
Training in assembly techniques is only a supplement and can never replace the use of these assembly instructions.

NEVER exceed the maximum distributed platform capacity of 500 lbs (227 Kg). Maximum distributed load is 25 lbs/ft² (122 kg/m²) on any platform and 3,000 lbs. (1361 Kg) total on any base section. When adjustable legs are extended the total maximum capacity is 1,600 lbs. (726 Kg.) NEVER allow loose objects to accumulate on the platform during use. Always keep the platform free of all tripping hazards. Make sure the scaffold is free from slippery or hazardous materials such as paint or mud.

Assembly process

1. PREPARATION

- Locate the tower level with 12 inches of adjustment on each leg, see picture.
- Unlock the interlock clips on all frames.
- When installed, always move the interlock clip to the "locked" position. Sort the braces into horizontal and diagonal braces - the diagonals are slightly longer.
- Move the locking clip on the brace to the open position. When the brace is installed, it locks automatically.



2. BASE:

Step 1: Install castor into adjustable leg.

Step 2: Ensure interlock clips are released from the base frames (bottom frames).

Step 3: Install castor by pushing the leg into the frame tube.

Punkt 4: Lock castors before ascending any part of the tower.

This should be done with manual force only, no tools.



Unlocked



Locked

3. LOCKING DOWN THE PLATFORM (WINDLOCK)

A windlock clip is installed on the platform at the hook.

This is locked as shown here.



Unlocked



Locked

Instructions

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Assembly, use, dismantling, and maintenance of the scaffold shall be done by a competent person. Rolling scaffolds constructed according to OSHA 1926.450 must not be used as anchorage points for fall protection equipment.

- We recommend that two people assemble, dismantle and move the platform tower.
- Check that all components are on site and in good working order.
- Ensure that the assembly location is checked to prevent hazards during assembly, dismantling or moving and while working on the tower. Particular attention should be given to the ground condition, whether level or sloping. Be aware of obstacles and wind conditions. The ground condition must be capable of supporting the tower structure.
- Towers must always be climbed from the inside of the assembly.
- Adjustable legs must only be used to level the tower. Use a spirit level to check that the scaffold is straight.
- Lifting of components must be done inside the effective base area of the tower.
- Moving the tower must only be done manually from the base of the tower.
- Be attentive to overhead hazards (such as electrical wires and lifting equipment).
- No personnel or material to be on the platform while the tower is being moved.
- When anchoring the scaffold, place anchor points at each vertical brace at 13 ft. intervals. Ensure that the couplings are suitable for an aluminum tube with a diameter of 2 inches. Swivel coupling art 650 and fixed coupling art 603 are recommended.
- Do not use boxes or steps to gain additional height. If extra height required, contact your distributor to get extra components.
- Do not lift or suspend an assembled mobile tower.
- Damaged parts must be replaced.
- Outriggers should always be fitted when specified. Use the outrigger shown on the component list according to the tower height.

Risk due to wind.

- When wind exceeds 15-18 mph, cease using the tower.
- If wind is expected to reach 25-30 mph, tie tower to a rigid structure.
- If winds of 35 mph or more are forecast, dismantle the tower or remove to shelter.
- Remember that crosswinds and tunnel effects can generate strong winds even indoors and around buildings.

Wind speeds

FORCE	PEAK MPH	PEAK KM/H	PEAK M/S	GUIDANCE
4	18	29	8.1	Moderate breeze - raises dust & loose paper
6	31	50	13.9	Strong breeze - difficult to use umbrella
8	48	74	20.8	Gale force - walking is difficult

Safety and training

- The individuals assembling this scaffold must have appropriate training according to OSHA 1926.450 Subpart L.
- Appropriate protective equipment such as safety shoes, gloves, and helmet should be worn.
- Take appropriate measures to cordon off the area during assembly.
- The scaffold must not be used before it is fully assembled.
- *Always install guardrails from the lower level.
- Work must only be carried out from a platform with complete guardrails and toe boards.
- Never use a mobile scaffold as an access route, fall protection, or as a sign/covering/weather protection.
- The distance between platforms should not exceed 7 ft.

Care and maintenance

- Keep all equipment clean, especially spigots and sockets where frames join. Spigots should fit easily into sockets. Lubricate with light oil.
- Remove dirt or paint from adjustable legs with a light brush, lightly oil the leg locks.
- Do not strike or hammer components. Scaffolding made of aluminum must always be handled with care.
- Lightly oil spring mechanism of the hooks.
- Damaged parts must be replaced. Contact the equipment supplier for advice, visit www.uprightsccaffold.com

Moving towers

Prepare the tower before moving it to a new position.

- Do not move scaffolds with a platform height greater than 30 ft.. Ensure that the ground is level and firm, with a maximum slope of 3 degrees.
- Check that the wind speed does not exceed 29km/h (18 mph).
- Ensure the tower is empty (no material or personnel).
- Check for overhead obstructions including electrical cables.
- Raise the outrigger feet (only enough to clear obstructions).
- Take care to ensure tower stability is maintained.
- Release the castor brakes.
- Carefully move the tower by manually applying force at the base. Do not use mechanical means to move the tower.
- Once positioned, prepare the tower for use.
- Check and adjust as necessary to ensure all castors and outriggers are in firm contact with the ground.
- Check that the tower is level.
- Reapply the castor brakes.

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This diagram shows an exploded view of a four-wheeled mobile cart. The components are numbered as follows: 1. Casters, 2. Vertical support posts, 3. Horizontal crossbar, 4. Side rail, 5. Top rail, 6. Side panel, 7. Tray, 8. Base plate, 9. Diagonal brace, 10. Tray support, 11. Top rail, 12. Tray.

Span 400 – single width

- 9

Outriggers

Outriggers are to be used when indicated, in order to ensure the structural stability of the scaffolding.

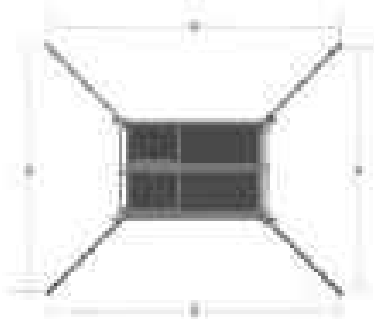


Fig 2

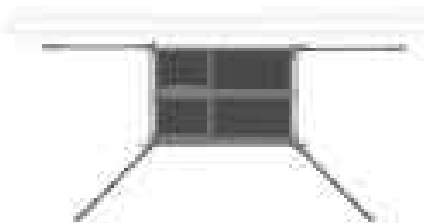


Fig 3

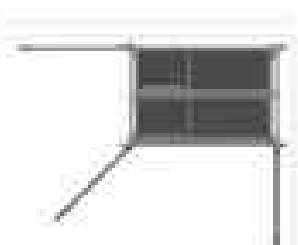


Fig 4

Single Width Scaffold			Double Width Scaffold		
	TELESCOPIC Outrigger	LONG Outrigger		TELESCOPIC Outrigger	LONG Outrigger
6 ft	X = 12.25 ft	X = 14.56 ft	6 ft	X = 13.41 ft	X = 15.72 ft
8 ft	X = 12.88 ft	X = 15.28 ft	8 ft	X = 14.12 ft	X = 16.54 ft
10 ft	X = 13.37 ft	X = 15.88 ft	10 ft	X = 14.81 ft	X = 17.23 ft



Always ensure that the outrigger size is correct and sufficient to support the scaffold.

Attach the upper clamps at an appropriate height to achieve a 45-degree angle out from the corner post of the frame. Place the lower clamps in a suitable position to achieve adjustability; sometimes it may be necessary to adjust both clamps simultaneously. Make sure the lower arm is as horizontal as possible. Position the outriggers so that the footpads are approximately equidistant from each other, as shown in Fig. 2.

Adjust the outriggers and reposition the clamps as needed to achieve firm contact with the substrate. Make sure that the clips with the locking pin are in place if you use the adjustable outrigger.

When the outriggers are in the correct position, tighten the clamps.

When placing the scaffold against a wall, do not remove the support leg – move it parallel to the wall. (Fig.3)

When placing the rack in a corner, remove the inner support leg and place the two outer ones parallel to the wall. (Fig.4)

Labelling

All components of the system are labeled with the manufacturer's initials, section number, and production date.

If you have any questions, please contact www.uprightsccaffold.com for advice.

Span 400 double width tower

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Scale table for double width tower

Length 6 ft., 8 ft. and 10' *

Platform height (ft.)	6.25 ft.	13 ft.	20 ft.	26.5 ft.	33.5 ft.	40.5 ft.
Working height (ft.)	12.75 ft.	19.65 ft.	26.5 ft.	33.5 ft.	40 ft.	47 ft.
Tower height (ft.)	10.5 ft.	17.5 ft.	24.35 ft.	31 ft.	37.75 ft.	44.5 ft.
Tower weight, 6 ft. length (lbs)	271.83 lbs	425.25 lbs	587.5 ft.	735.68 lbs	883.83 lbs	1033 lbs
Tower weight, 8 ft. length (lbs)	298.25 lbs	470 lbs	638.5 lbs	828 lbs	997.15 lbs	1166.5 lbs
Tower weight, 10 ft. length (lbs)	325 lbs	496.68 lbs	728.62 lbs	945 lbs	1161.65 lbs	1288 lbs

Please note: Stated platform heights include 12 inches of leg adjustment for leveling that can be increased or reduced *In accordance with OSHA 1926.450 Subpart L.



Shown with optional incline ladders.

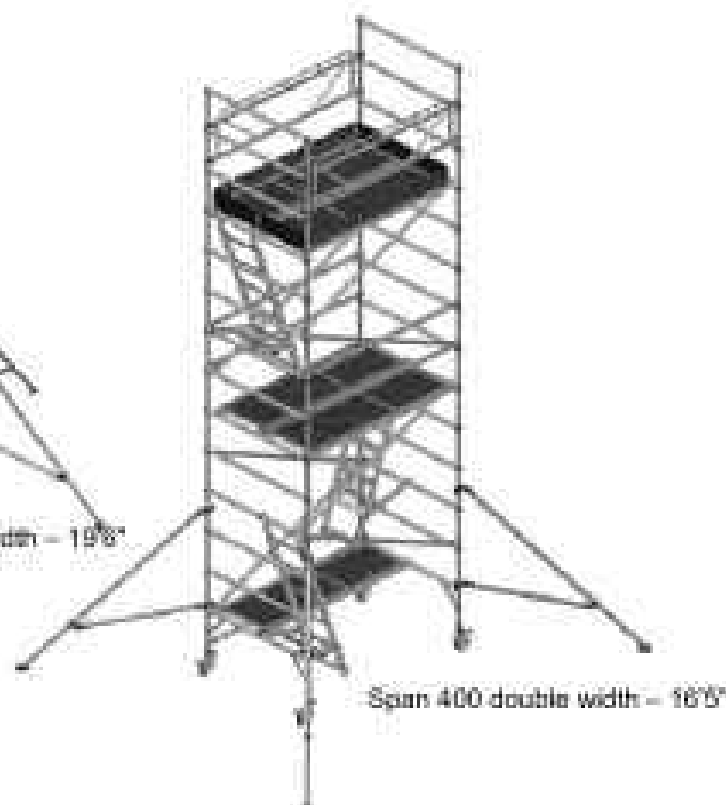


Table of parts and quantities

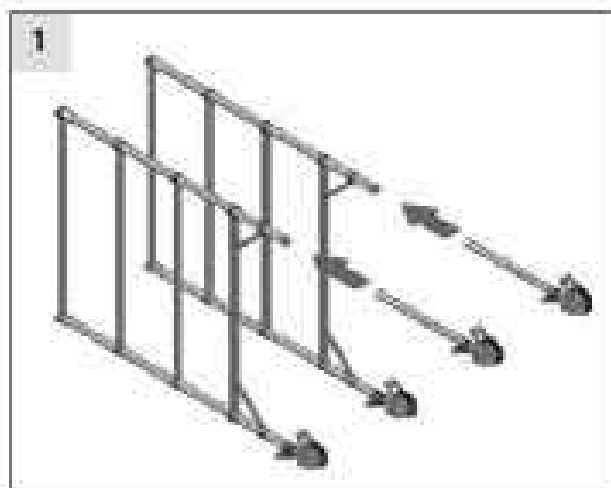
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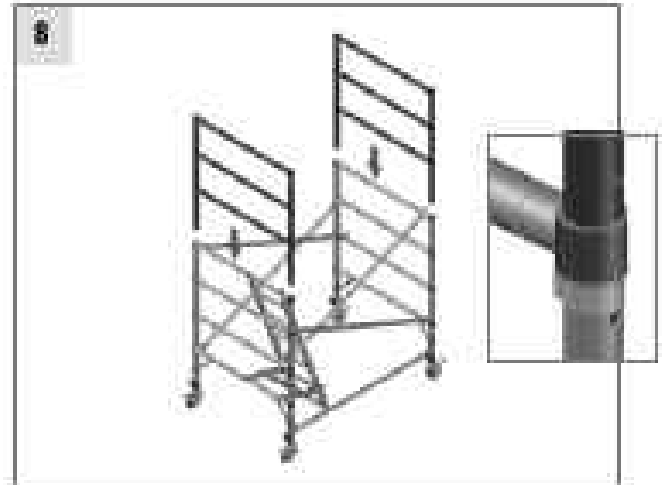
Table of parts and quantities:	6'6"	13'	19'6"	26'	32'8"	39'4"
Base Frame	2	2	2	2	2	2
5 Rung frame		2	4	6	8	10
3 Rung frame	2	2	2	2	2	2
Trapdoor platform (6', 8' and 10')	2	4	6	8	10	12
Horizontal brace (6', 8' and 10')	1	5	9	13	17	21
Diagonal brace (6', 8' and 10')	4	8	12	16	20	24
Long-side railing (6', 8' and 10')	2*	2*	2*	2*	2*	2*
Telescopic outrigger	4	4	4			
Long outrigger				4	4	4
Adjustable leg	4	4	4	4	4	4
Caster/Baseplate	4	4	4	4	4	4
Inclined ladder (Clip-in ladder)	1	2	3	4	5	5
Toe-board set (8', 8' and 10')	1	1	1	1	1	1

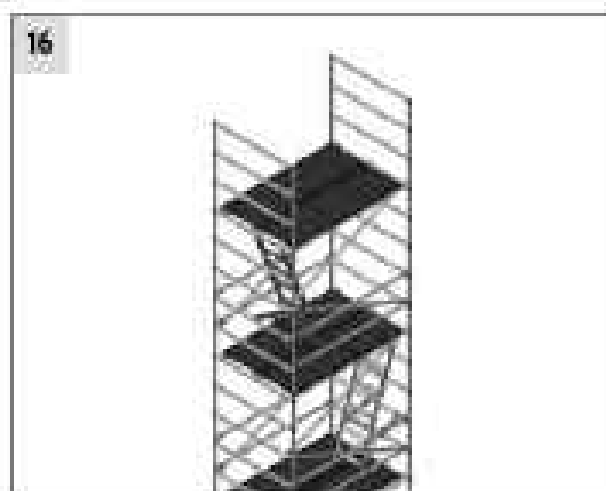
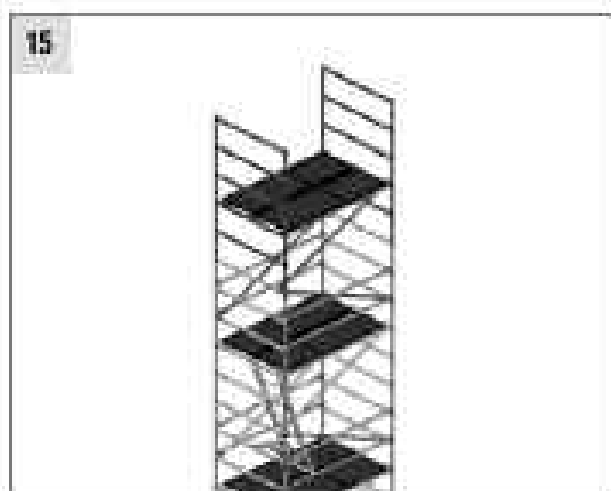
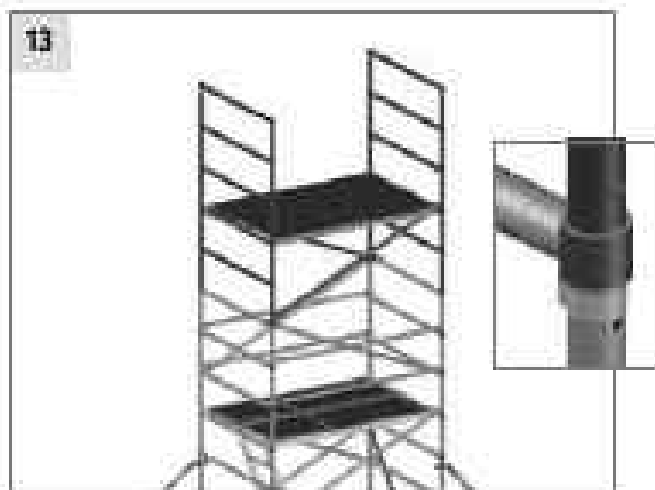
*If you choose not to use the bracing frame, the number of horizontal braces must be increased by 4 and the diagonal braces by 1.

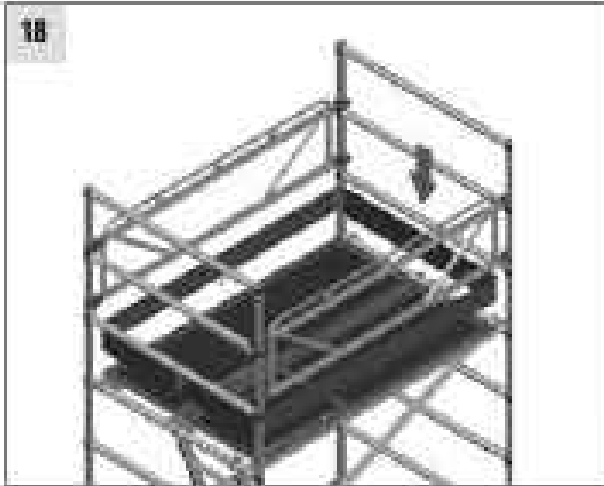
The remaining details in the configuration stay unchanged.

INSTRUCTIONS FOR USE

**Double width
tower 19'6"***Shown with optional incline ladders.*







"If a platform height higher than 19'6" is desired, steps 13 to 16 are repeated.

During dismantling, follow the assembly steps in reverse order – steps 18 to 1.



5M

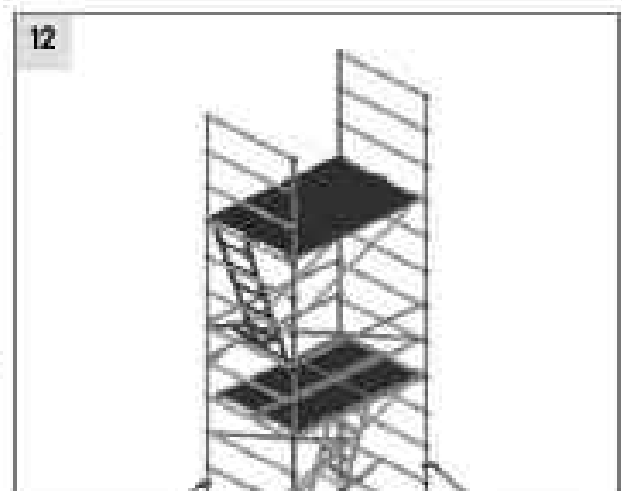
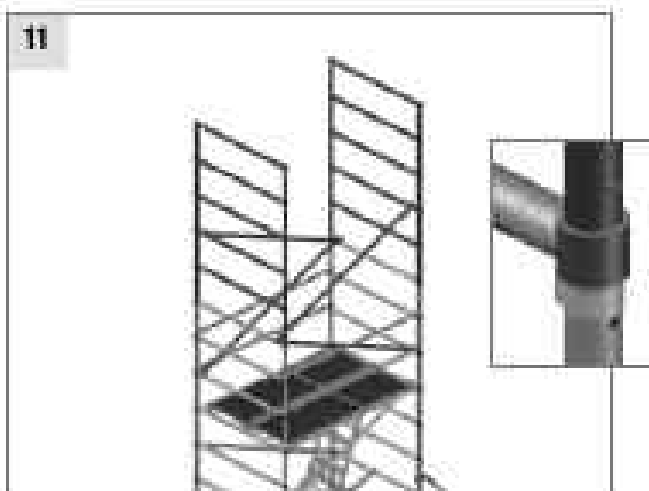
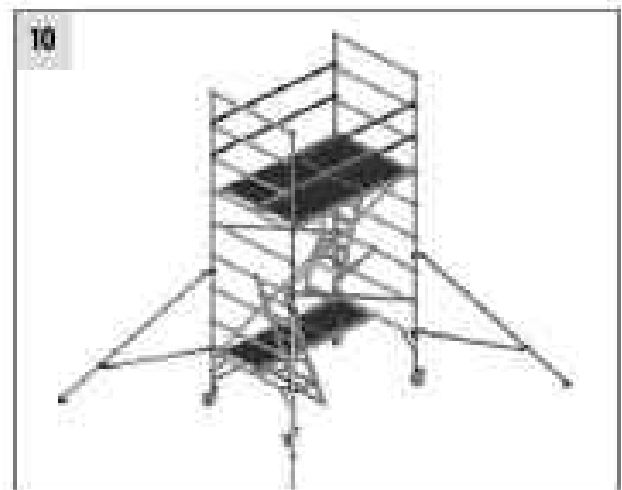
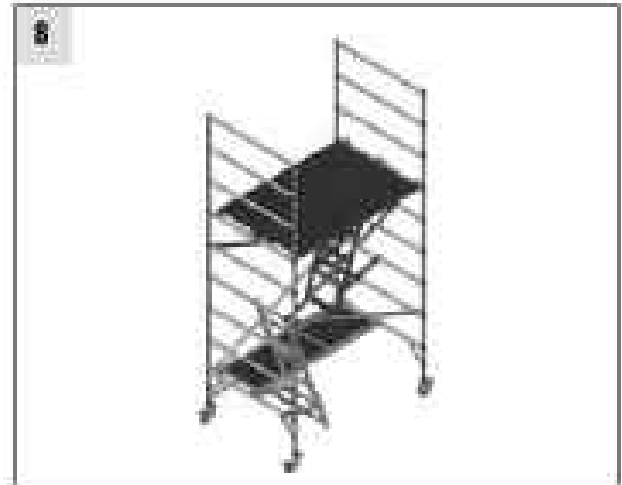
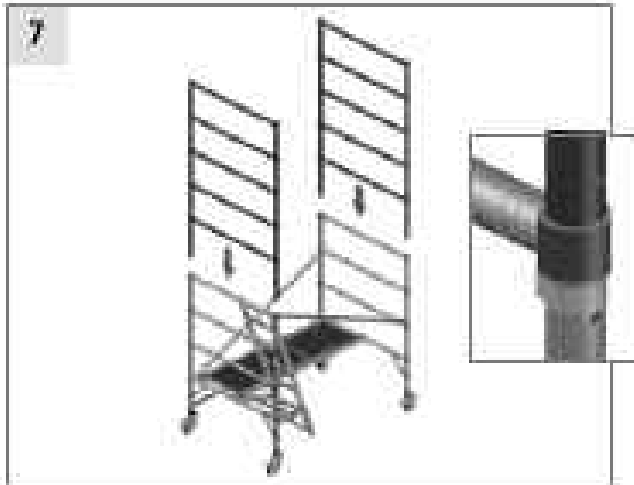
SPAN 400
DOUBLE WIDTH TOWER

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INSTRUCTIONS FOR USE Double width tower 16'5"

Shown with optional incline ladders.





13

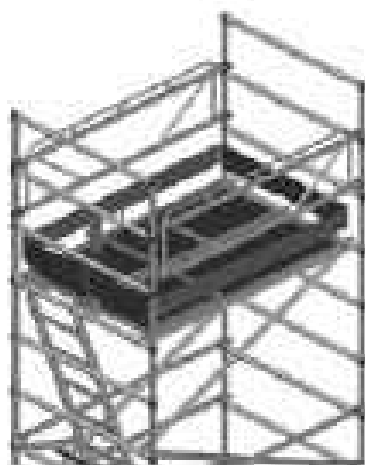


138

Alternative guardrail



14



*If a platform height higher than 16' 5" is desired, steps 10 to 13 are repeated.

During dismantling, follow the assembly steps in reverse order – steps 14 to 1.



analogTV

Span 400 single width tower

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Scale table single width tower

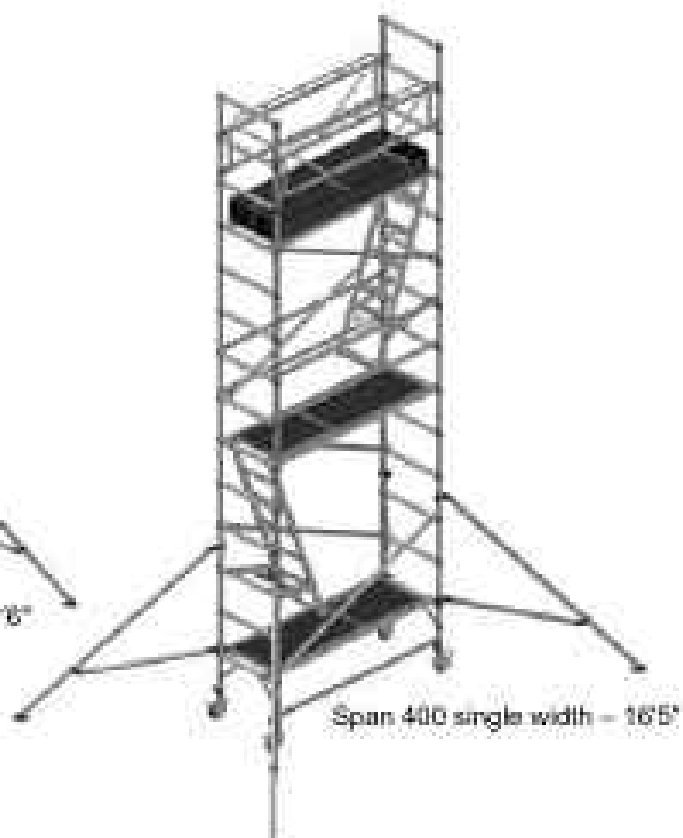
Lengths 6', 8' and 10' ^A

	6'	8'	10'	12'
Platform height (ft.)	6'6"	11'	16'	21'
Working height (ft.)	12'6"	19'7"	26'6"	33'6"
Tower height (ft.)	10'6"	17'6"	24'4"	31'
Tower weight, 2 m length (lbs)	219 lbs	324.5 lbs	479 lbs	640 lbs
Tower weight, 2.5 m length (lbs)	239.5 lbs	362.1 lbs	479.00	649.5 lbs
Tower weight, 3 m length (lbs)	264.5 lbs	391.5 lbs	525.5 lbs	699.5 lbs

Please note: Stated platform heights include leg adjustment of 12 inches for leveling that can be increased or decreased.



Shown with optional incline ladders.



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Table of parts and numbers	6'6"	13'	19'6"	26'
Base Frame	2	2	2	2
5 Rung frame		2	4	6
3 Rung frame	2	2	2	2
Trapdoor platform (6', 8' and 10' ft.)	1	2	3	4
Horizontal brace (6', 8' and 10' ft.)	1	5	9	13
Diagonal brace (6', 8' and 10' ft.)	2	4	6	8
Bracing frame (6', 8' and 10' ft.)	2*	2*	2*	2*
Telescopic stabiliser	4	4	4	
Long stabiliser				4
Adjustable leg	4	4	4	4
Caster / Baseplate	4	4	4	4
Inclined ladder (Clip-in ladder)	1	2	3	4
Toe-board set(2 m, 2.5 m, 3 m)	1	1	1	1

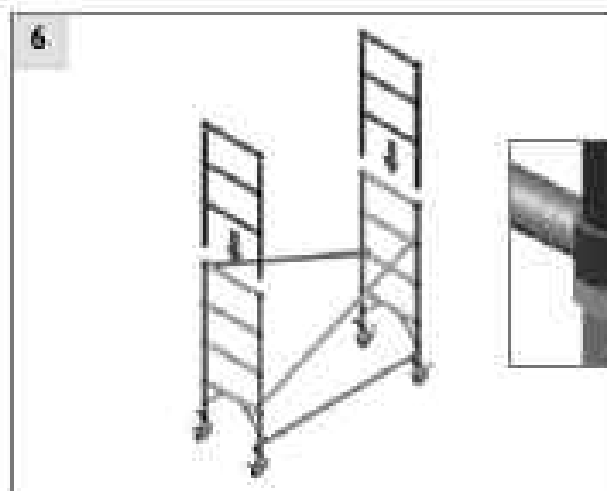
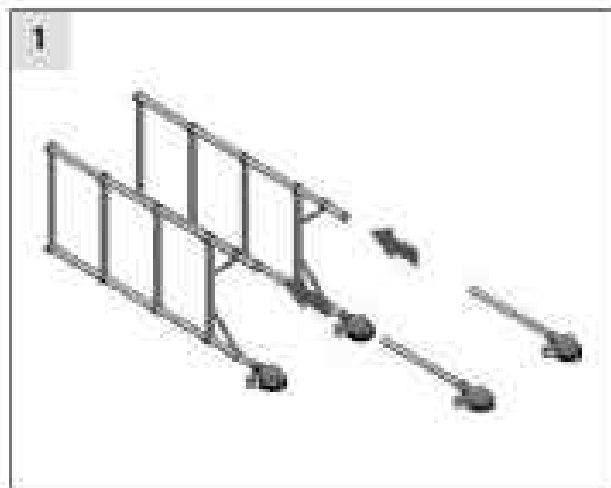
*If you choose not to use the bracing frames, the number of horizontal braces must be increased by 4 and the diagonals braces by 1.

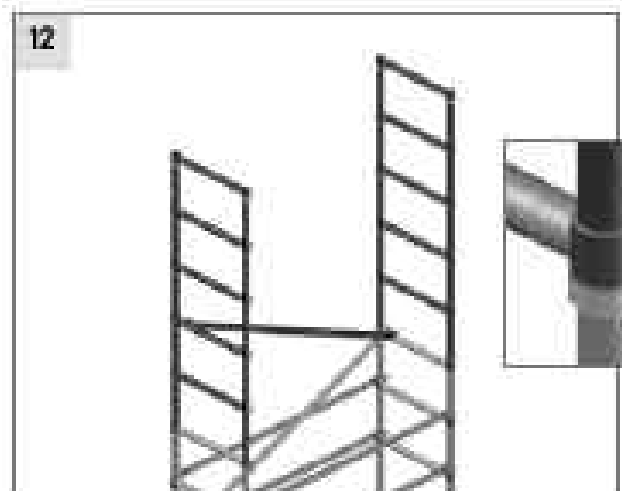
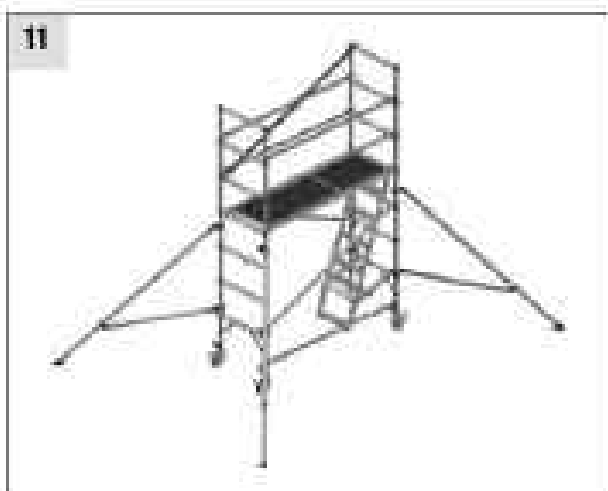
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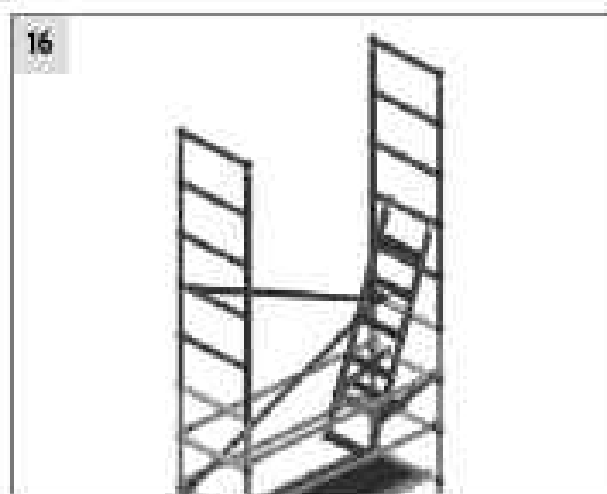
INSTRUCTIONS FOR USE

Single width
tower 19'6"**INSTANT**

Shown with optional incline ladders.





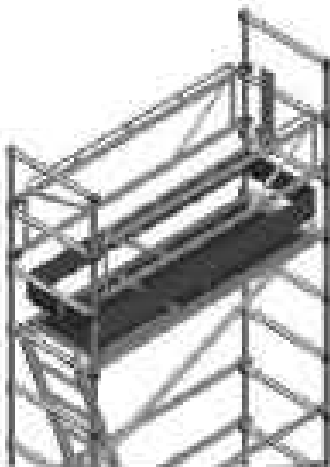


18B

Alternative guardrail

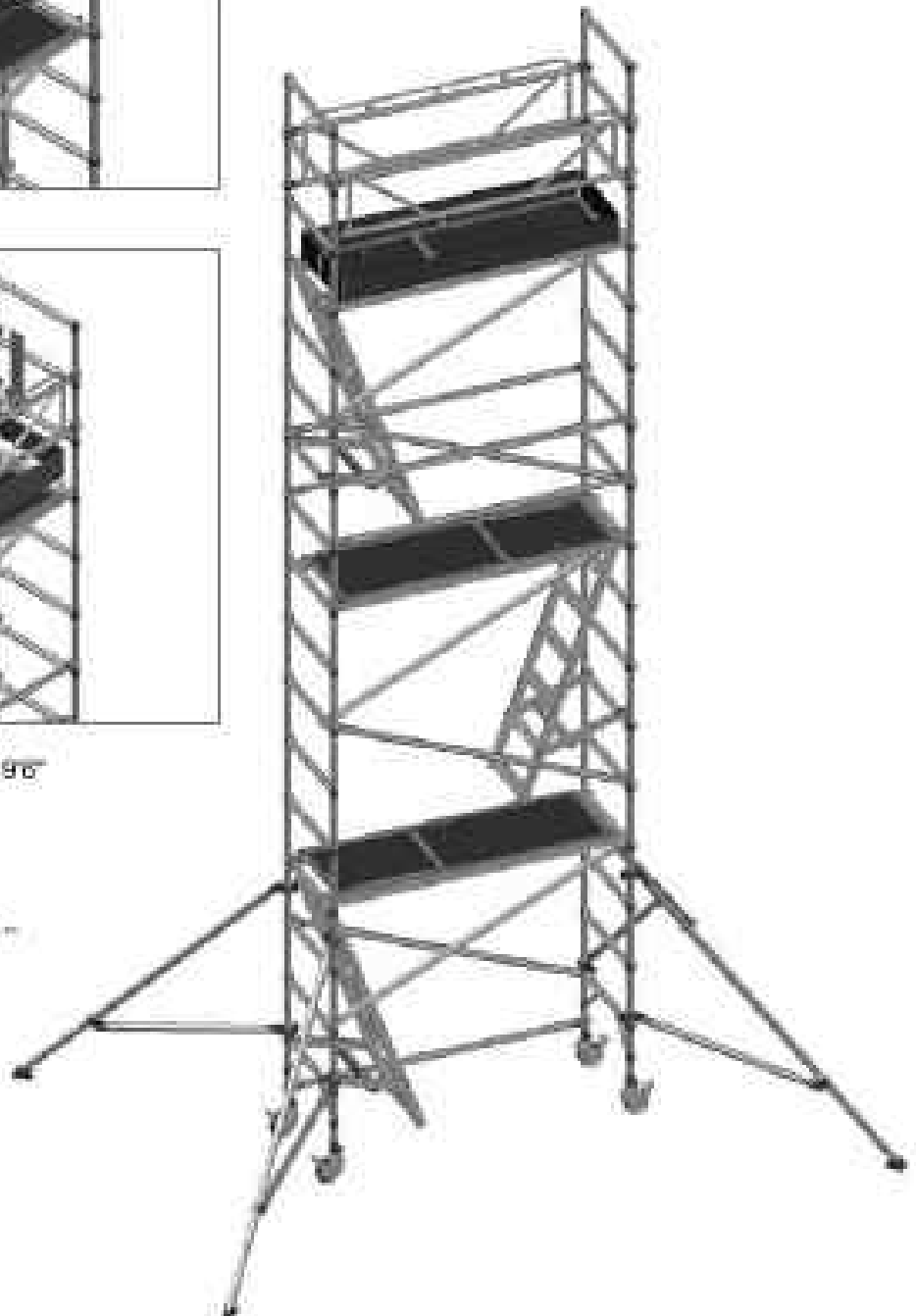


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If a platform height higher than 196" is desired, steps 11 to 15 are repeated.

During dismantling, follow the assembly steps in reverse order – steps 19 to 1.



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SPAN 400
SINGLE WIDTH TOWER

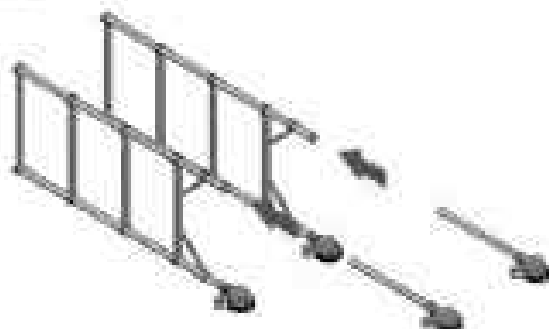
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INSTRUCTIONS FOR USE

Single width tower 16' 5"

Shown with optional incline ladders.

1



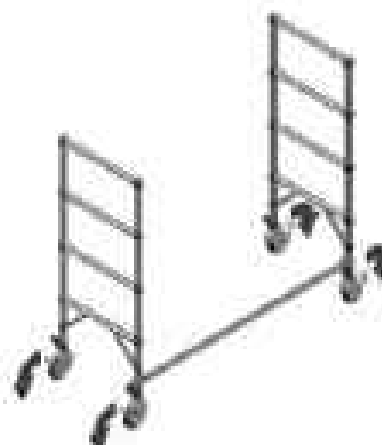
2



3



4

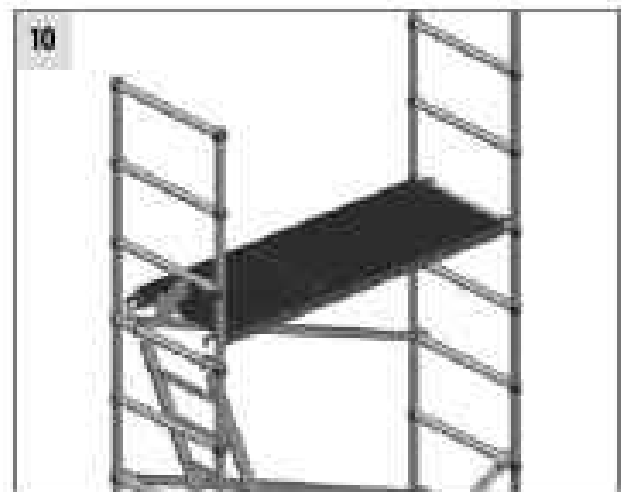
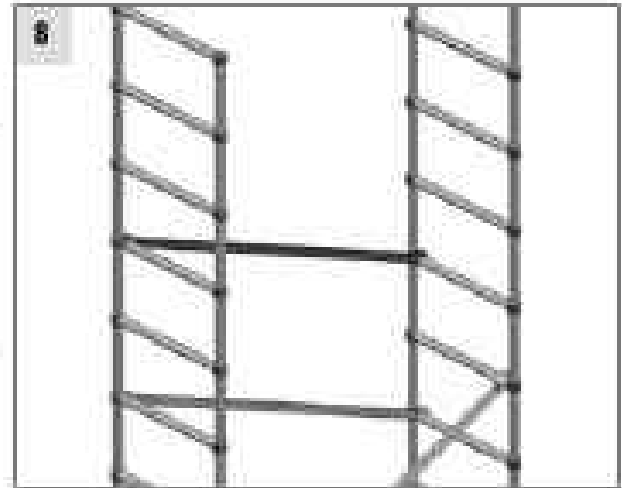
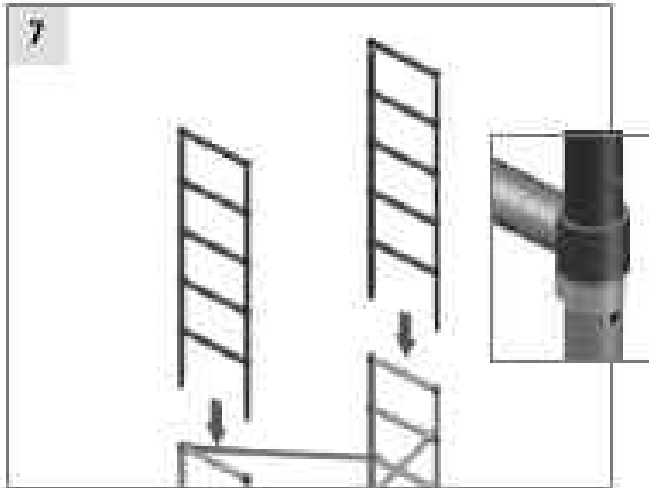


5



6

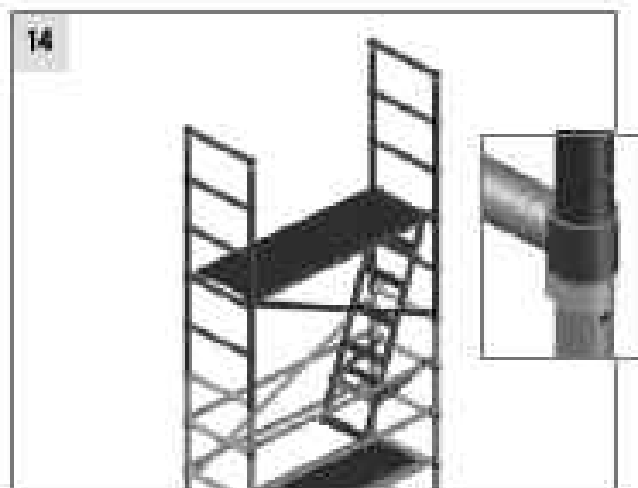




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SPAN 400
SINGLE WIDTH TOWER

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If a platform height higher than 18' 5" is desired, repeat steps 13 to 14.

For dismantling, follow the assembly steps in reverse order – steps 16 to 1.

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NOTES:

OUR QUALITY - YOUR SAFETY

UpRight Scaffold

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