ASTRAL ACCESS LLC

INDEX

Whilst every effort is made to ensure that all the information provided is accurate at the time of publishing, regrettably errors do occasionally occur. The information shown in the catalogue may change from time to time. You should undertake a full risk assessment to determine the right access product for your requirement.

Salient features of our company:

- Highest standards of Engineering and Design
- State of art facilities
- Stringent quality control
- Experienced professionals and R&D Department
- Large production capacity with large product line
- Wide distribution network
- Competitive prices
- Easy payment modes and terms
- Timely delivery of product
- Open to new and complex challenges
- Sound financial position
- After sales support
- Ethical business policies

Client Satisfaction

Our main motive has always been in achieving utmost customer satisfaction through manufacturing and supplying best quality products at reasonable prices.
The continual order from our clients is the confirmation to our transparent deals and quality products.

After Sales

Our Service and Repair Department carries out repairs, service / maintenance and inspections on all types of Aluminium scaffolds. Our Strength lies in combination of excellent product and a high quality service.
Because of good after sales service we have come up as market leading manufacturer of Aluminium scaffolds in the U.A.E.
We can arrange for service and/or maintenance to be carried out at our workshop.

Next Day Delivery

Our standard items are available in stock and whenever we receive confirm order by 4pm we can deliver it the next working day.
Customers relationship is very important to our success and without this strong and lasting ties, we would not be the success as it is today.
our unrivalled stock levels of both finished goods and raw materials, means we can respond to any big orders in shortest duration

Scaffold Tower Features

Wheels 20 cm with Dual Pedal foot operating Brake and adjustable jack vertically 30 cm to be adjusted where the ground is uneven.

Seven Step industrial ladder in ladder frames with 28 cm easy climb rung spacing, welded to the frame.

2.5mm Thick Tube

Products Features:

- Light weight.
- High tensile strength.
- Optimum load bearing capacity.
- Corrosion and abrasion resistant.
- Durable.
- 2.5mm tube thickness of the frames
- Adjustable wheel and double brake
- 6061 T6 Alloy
- Chemically tested and certified to the highest quality

Ribbed rung tubing for increased grip.

It can be assembled very quickly as it is made of light weight Aluminium alloy. The Material can not be corroded as this is rust proof.

Welded Joint

We use TIG Welding process because of following advantages:

- Produces very high quality Weld finish.
- Provides precise control of welding variable heat via amperage controls.
- Leave no slag or splatter, leaving the weld and surrounding metal clean.

Safety : The various scaffolds meet the current European regulation.
Aluminium self locking hooks that fits automatically onto the rungs, the shapes gives more than 220 degree cover area for a perfectly Stable Scaffold tower.
The hook edge is strengthen to make it shock resistant.
Crimping of Brace - All side Crimping to resist tension and torque loads.

ALUMINIUM TOE BOARD

Double Width Span 50 Ladder Frame Mobile Tower

Span 50 Double Width Mobile Tower is most popular mobile scaffolding, available in 139 cm wide frames. This system has numerous application for both interior and exterior use.

Width available 120 cm, 139 cm, 160 cm and 200 cm.

Mainframe height available 1.5mtr, 2mtr

Length available 178 cm, 208 cm, 255 cm and 298 cm.

• The maximum working height for indoor work is 14mtr and outdoor work is 10mtr. Equal length braces, stabilizers, platforms,

wheel legs and toe board can be combined with other Span 50 series components.

• 50 cm rung space ensures full compliance handrail height in using horizontal brace.
• Equipped with construction manual and labels

DOUBLE WIDTH LADDER FRAME
5Mtr. PLATFORM HEIGHT

PLATFORM WITH WIND LOCK

7 STEP LADDER FRAME

• The Z configure bracing enables a quick trouble free assembly while providing a very rigid structure.

• All frames can be used as upper or lower, simply place your platform on the 3rd rung below the top of the tower and correct guardrail height is achieved.

• Maximum load per platform is 250kgs. and for the entire tower is 700kgs, including tower self-weight.

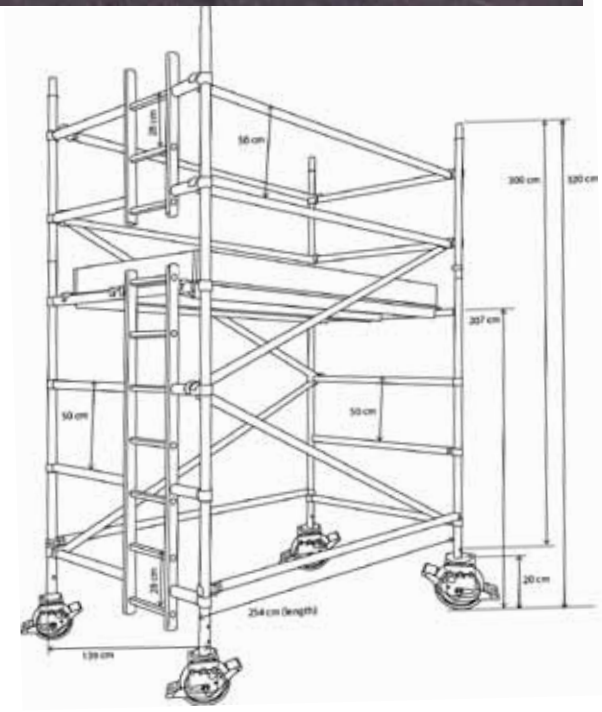
• The wheel of Mobile Access Tower constitutes of dual pedal brake for easy in applying brake and disengage quickly for moving.

• Integral ladder frame enables safe system of access and reduces loss of components. Ladder frame is integrated with seven steps ladder to give continuity for safe ascending and descending.

• Spigot connecting the tower frame component is neither bolted nor crimped-loose components, like many traditional scaffolds, but the vertical tube of 2.5mm thickness is used, to give maximum strength to the tower structure and spigot is an integral part of this same vertical tube designed by cold forming.

The platform hook of the tower is equipped with wind lock system.

The frame connection has locking pin to prevent accidental removal of frame.



Technical Feature:
• Adjustable leg up to 30cm
• Working Platform (139 x 255) cm
• Capacity – 200kg / sq m
• Rung Distance – 50 cm
• Number of rungs in a ladder – 7 Step ladder in each 2mtr frame
• Ladder Rung Distance – 28 cm
• Aluminium Alloy – 6061 T6
• Frame Tube Thickness – 2.5mm
• Platform – Antislip Plywood with Aluminium Frame

Advanced Guardrail Scaffold

Introducing new advanced Guardrail. Guardrail is place before user ascends platform. It eliminates the number of components require for assembly of the tower from 10% to 30% depends on the height of the tower.
Total fall protection for the operator through out assembly and dismantling of the mobile access tower.

DOUBLE WIDTH LADDER FRAME 4mtr. PLATFORM HEIGHT WITH ADVANCED GUARDRAIL

78 CM LADDER FRAME NARROW TOWER (WELDED) WITH ADVANCE GUARDRAIL SIZE 78 CM x 178 CM AND SIZE 78 CM x 255 CM

WORKING HEIGHT	4.0	4.5	5.5	6.0	6.5	7.5	8.0	8.5	9.5	10.0
PLATFORM HEIGHT	2.0	2.5	3.5	4.0	4.5	5.5	6.0	6.5	7.5	8.0
15 CM WHEEL / 20 CM WHEEL	4	4	4	4	4	4	4	4	4	4
ADJUSTABLE JACK	4	4	4	4	4	4	4	4	4	4
78 CM WIDE 2 RUNG LADDER FRAME 100 CM HIGH	1	0	1	1	0	1	1	0	1	1
78 CM WIDE 2 RUNG SPAN FRAME 100 CM HIGH	1	0	1	1	0	1	1	0	1	1
78 CM WIDE 3 RUNG LADDER FRAME 150 CM HIGH	0	1	1	0	1	1	0	1	1	0
78 CM WIDE 3 RUNG SPAN FRAME 150 CM HIGH	0	1	1	0	1	1	0	1	1	0
78 CM WIDE 4 RUNG LADDER FRAME 200 CM HIGH	1	1	1	2	2	2	3	3	3	4
78 CM WIDE 4 RUNG SPAN FRAME 200 CM HIGH	1	1	1	2	2	2	3	3	3	4
179.2 /256.5 CM LONG TRAPDOOR	1	2	2	2	3	3	3	4	4	4
178 /255 CM LONG HORIZONTAL BRACE	2	2	2	2	2	2	2	2	2	2
205 /275 CM LONG DIAGONAL BRACE	2	2	2	2	2	2	2	2	2	2
168 /244 CM WOODEN SIDE TOE-BOARD	2	2	2	2	2	2	2	2	2	2
68 CM WOODEN END TOE-BOARD	2	2	2	2	2	2	2	2	2	2
178/255 CM ADVANCE GUARDRAIL	2	2	4	4	4	6	6	6	8	8
300 CM LONG STABILIZER	4	4	4	4	4	0	0	0	0	0
450 CM LONG STABILIZER	0	0	0	0	0	4	4	4	4	0
600 CM LONG STABILIZER	0	0	0	0	0	0	0	0	0	4

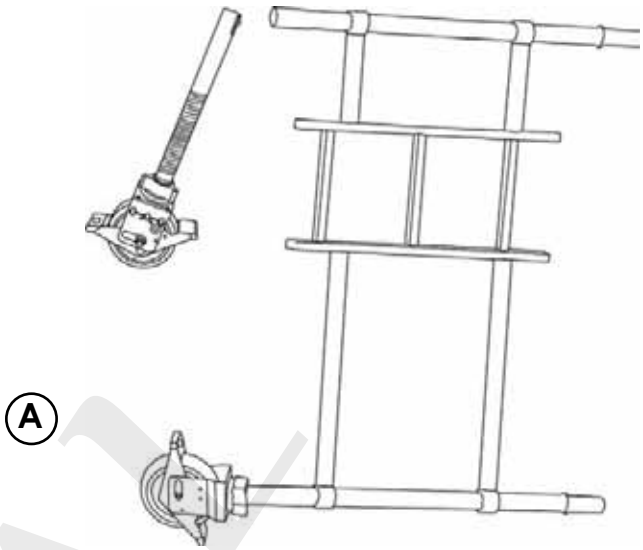
139 CM LADDER FRAME WIDE TOWER (WELDED) WITH ADVANCE GUARDRAIL SIZE 139 CM x 178 CM AND SIZE 139 CM x 255 CM

WORKING HEIGHT	4.0	4.5	5.5	6.0	6.5	7.5	8.0	8.5	9.5	10.0	10.5	11.5	12	12.5	13.5	14.0
PLATFORM HEIGHT	2.0	2.5	3.5	4.0	4.5	5.5	6.0	6.5	7.5	8.0	8.5	9.5	10.0	10.5	11.5	12.0
15 CM WHEEL / 20 CM WHEEL	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
ADJUSTABLE JACK	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
139 CM WIDE 2 RUNG LADDER FRAME 100 CM HIGH	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1
139 CM WIDE 2 RUNG SPAN FRAME 100 CM HIGH	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1
139 CM WIDE 3 RUNG LADDER FRAME 150 CM HIGH	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0
139 CM WIDE 3 RUNG SPAN FRAME 150 CM HIGH	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0
139 CM WIDE 4 RUNG LADDER FRAME 200 CM HIGH	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6
139 CM WIDE 4 RUNG SPAN FRAME 200 CM HIGH	1	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6
179.2 /256.5 CM LONG TRAPDOOR	1	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6
179.2 /256.5 CM LONG STANDARD PLATFORM	1	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6
178 /255 CM LONG HORIZONTAL BRACE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
205 /275 CM LONG DIAGONAL BRACE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
168 /244 CM WOODEN SIDE TOE-BOARD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
118 CM WOODEN END TOE-BOARD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
178 /255 CM ADVANCE GUARDRAIL	2	2	4	4	4	6	6	6	8	8	8	10	10	10	12	12
300 CM LONG STABILIZER	0	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0
450 CM LONG STABILIZER	0	0	0	0	0	4	4	4	4	4	4	0	0	0	0	0
600 CM LONG STABILIZER	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4

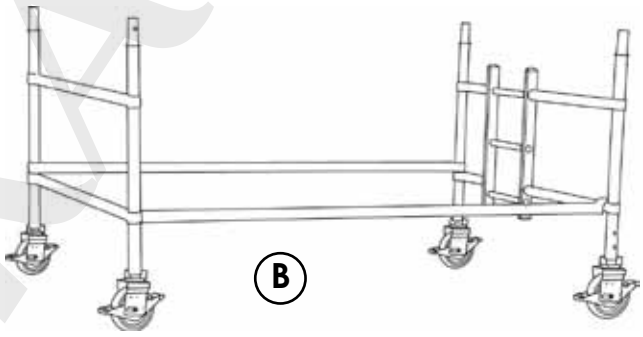
Assembly Instruction Span 50 Double Width Ladder Frame 7.3 Mtr High

The law requires that personnel erecting, dismantling or altering towers must be competent. Any person erecting mobile tower must have a copy of this guide.

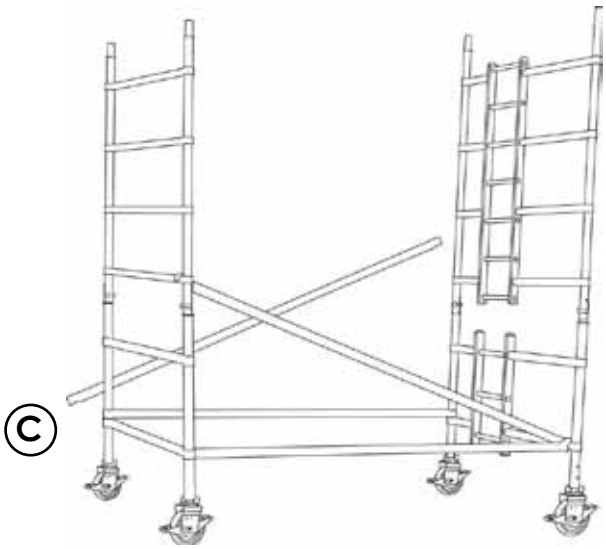
Fit 200mm Castor Wheel in one 2 Rung Span Frame and 2 Rung Ladder Frame. Apply brake. See pic A



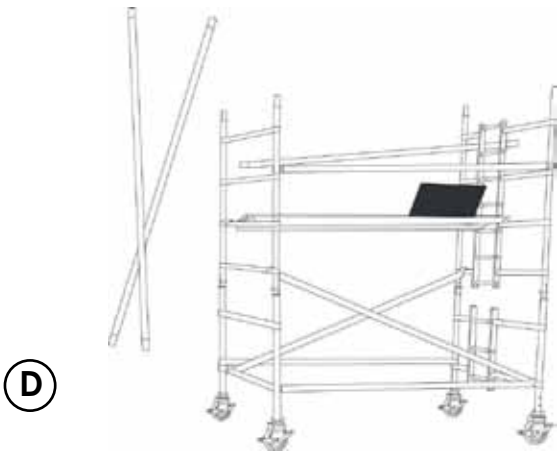
Attach 2 Horizontal Braces on the Lower Rungs of the two rung Span frame and 2 Rung Ladder frame on both the side. Check with spirit level on both length and width side of the tower, adjust the wheel if it is require to level the tower. See pic B



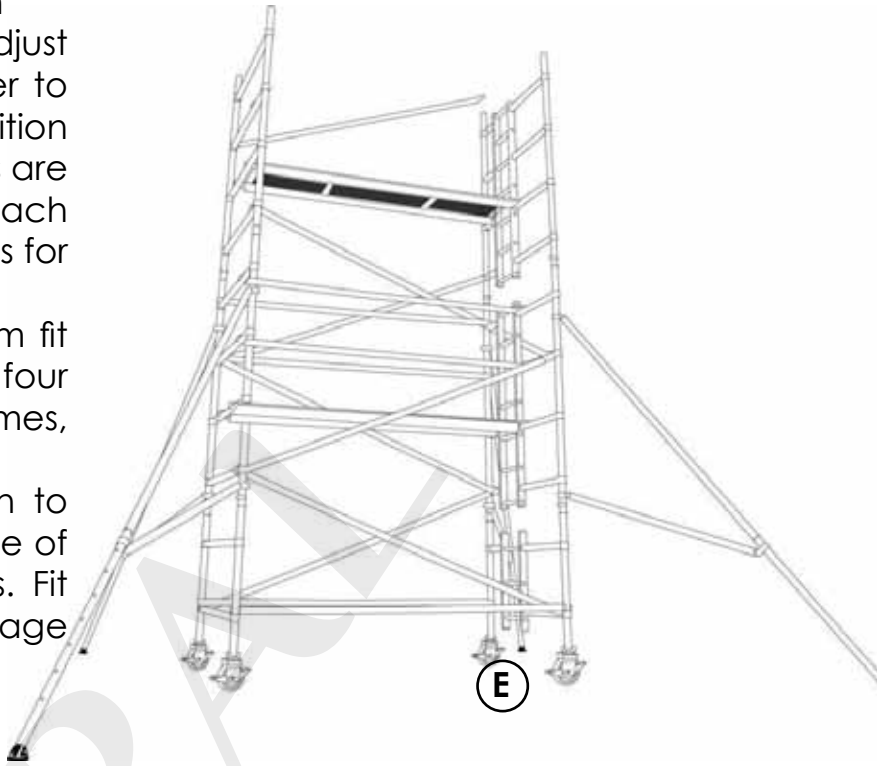
Attach one four rung span frame and four rung ladder frame on the lower frames engage locking pins. Attach diagonal brace from 1st to 3rd rung on both the sides in opposite direction. See pic C



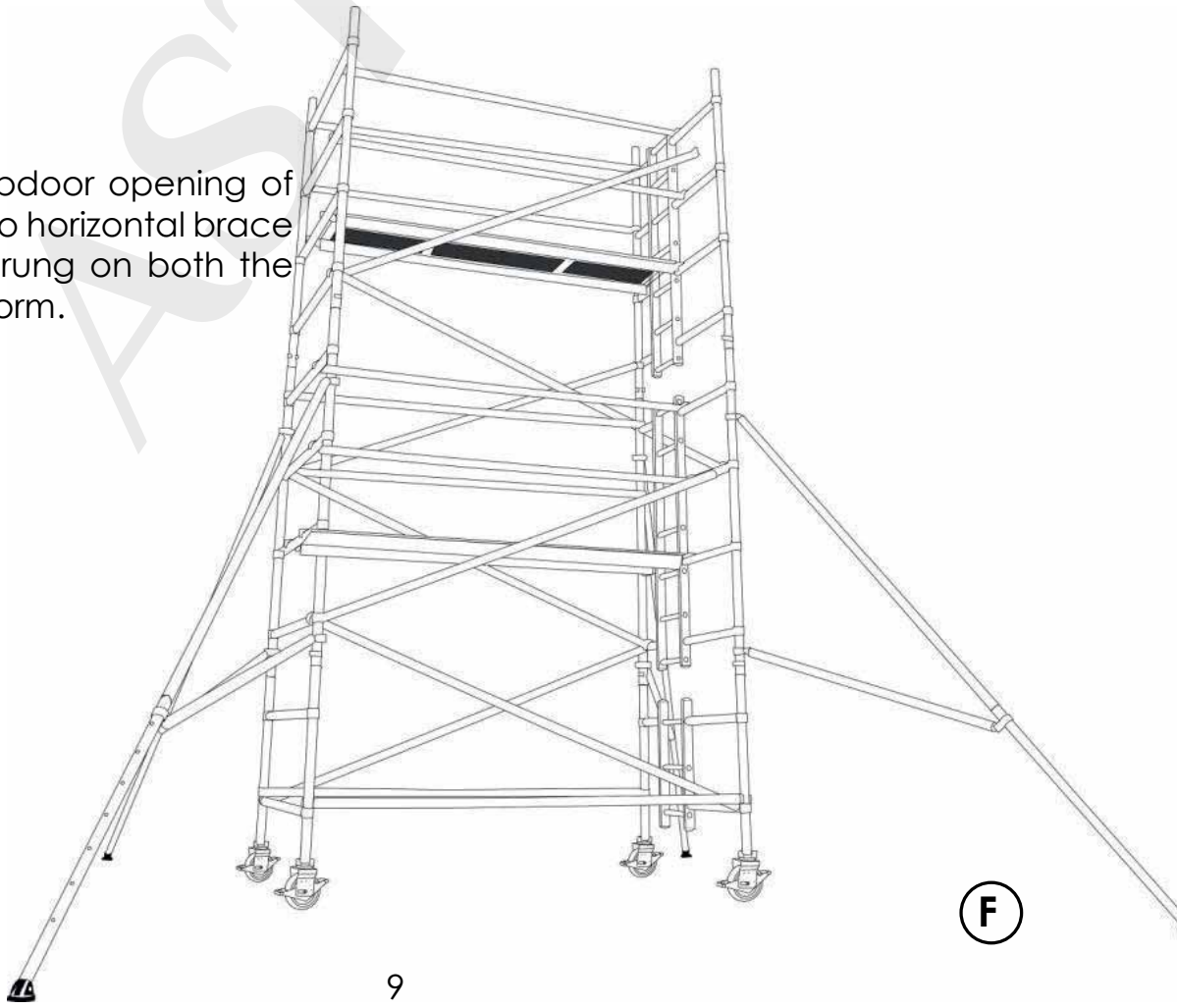
Fit trapdoor platform on 4th rung and make sure trapdoor opens on the ladder side engage windlock. Sitting on the trapdoor opening of the platform attach two horizontal brace on 5th and 6th rung near the platform on both the sides. See pic D



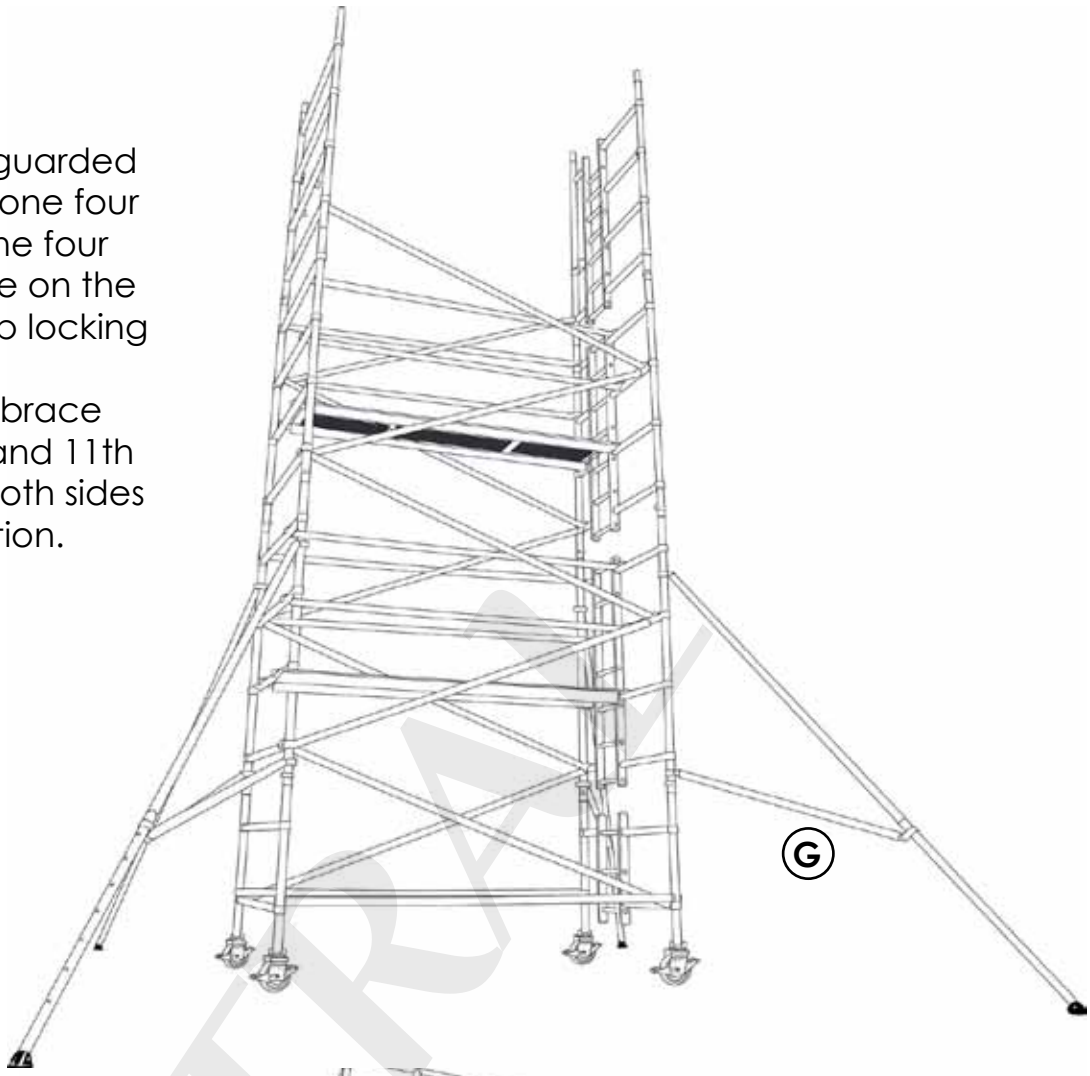
Fit Diagonal from 3rd to 5th rung on both the side in opposite direction
Fit the stabilizers to the base unit. Adjust the telescopic leg of the stabilizer to give firm support to the ground. Position the stabilizers so that the footpads are approximately equidistant from each other at approximately 45 degrees for maximum stability.
Standing on the guarded platform fit one four rung span frame and four rung ladder frame on the lower frames, engage locking pin.
Attach diagonal braces from 5th to 7th and 7th to 9th on both the side of the frames in opposite directions. Fit trapdoor platform at 8th rung, engage wind lock.
See Pic E



Sitting on the trapdoor opening of the platform fit two horizontal brace on 9th and 10th rung on both the side near to platform.
See Pic F

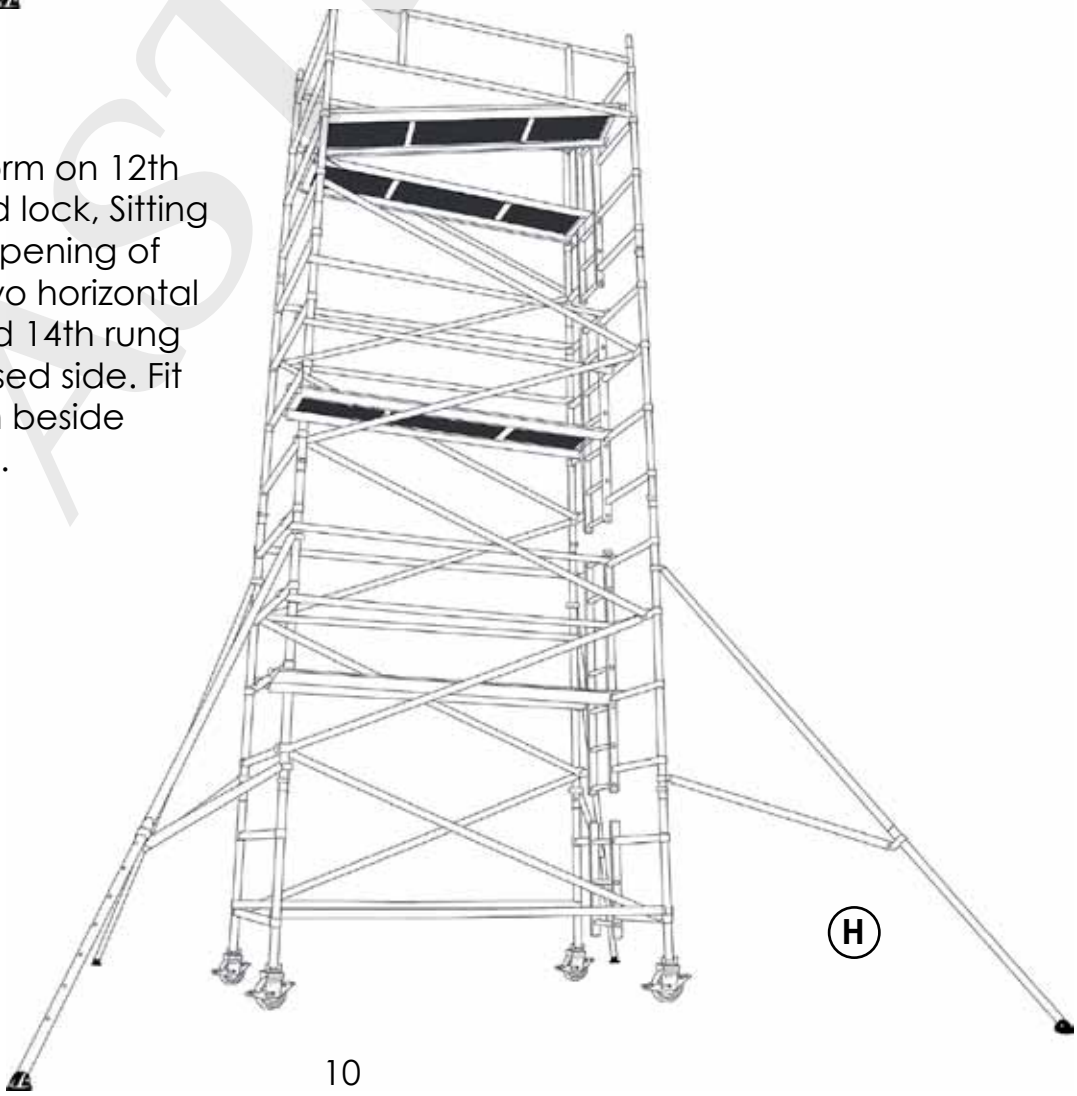


Standing on the guarded platform, attach one four rung span and one four rung ladder frame on the lower frame. Snap locking pin.
Attach diagonal brace from 9th to 11th and 11th to 13th rung on both sides in opposite direction.
See Pic G

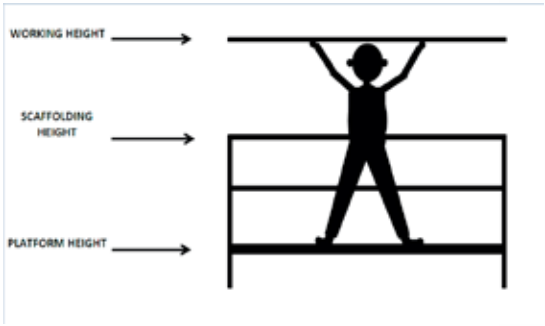


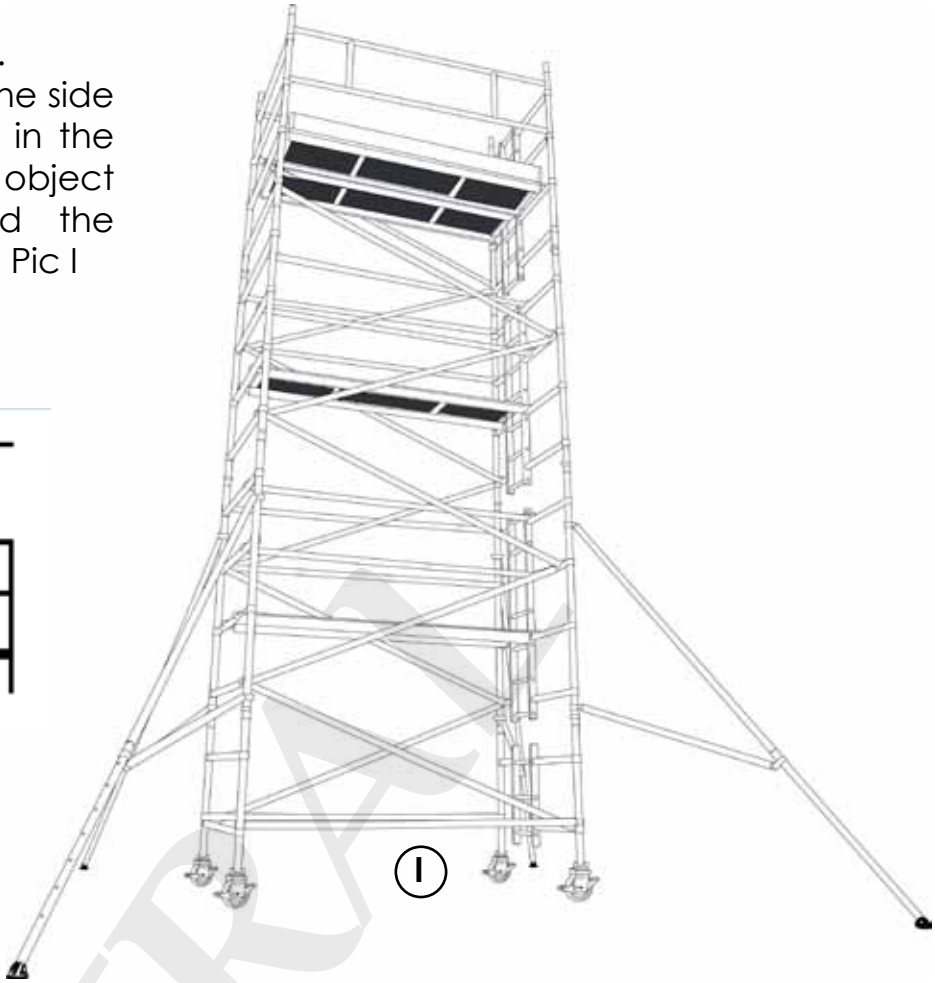
Fit trapdoor platform on 12th rung engage wind lock, Sitting on the trapdoor opening of the platform, fit two horizontal brace on 13th and 14th rung on both the exposed side. Fit standard platform beside trapdoor platform.

See Pic H

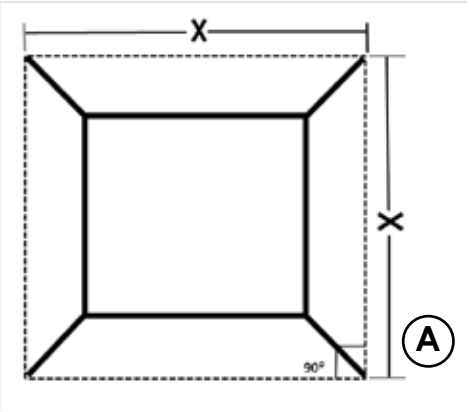


Fit Toe Board to the platform.
Fitting the Toe Boards: slide the side boards into the correct slot in the end boards ensuring that object connect fall through and the trapdoor can open fully. See Pic I



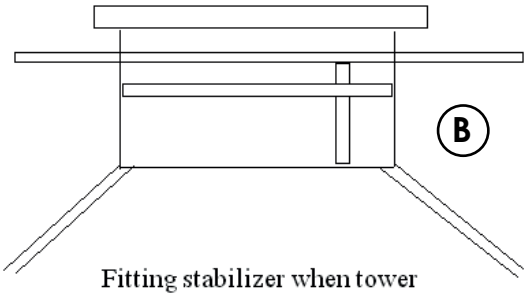

I

Fitting the stabilizers :
Lightly tighten up the upper clamps above the sixth rung on each corner post. Position the lower clamp above the bottom rung. Ensure lower arm as horizontal as possible. Position the stabilizer so that the footpads are at approximately equidistant from each other, as shown in the diagram. Telescopically adjust the leg and reposition the clamps as required to make firm contact with the ground. When in correct position, tighten the clamps firmly.
See Pic A



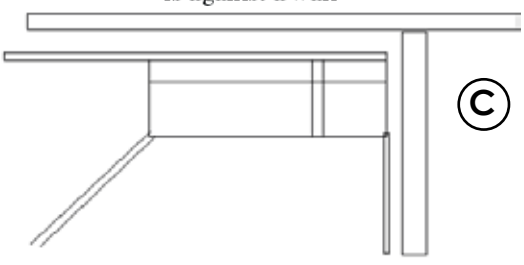
A

* To position the tower against the wall do not remove the stabilizer move the two stabilizer parallel with the wall. See Pic B

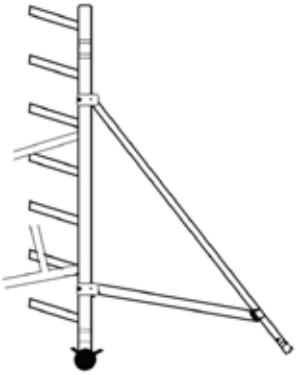

B

Fitting stabilizer when tower is against a wall

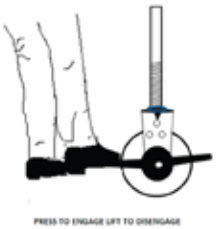
* To position the tower in a corner, remove one stabilizer and place two stabilizer parallel with the wall and one stabilizer facing outside. See Pic C


C

Fitting stabilizer when tower is position at a building corner



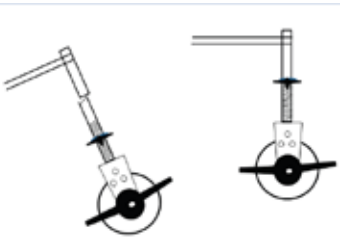
Castor wheel should be pointed outwards at approximately 45 degrees and locks engaged as shown in the diagram. See Pic D



D

Fitting adjustable legs :

Take the adjustable leg assembly complete with its castor, make sure that all the adjusting nuts are approximately at the same height and slide them into the vertical tube. See Pic E



E

Correct fitting of horizontal brace :

Remember: Always fit braces downward or from the inside facing outward but never inward. See Pic F

Correct Fitting of brace

F

139 Ladderspan to EN 1004. Available in 2 lengths - 178cm and 255cm
Internal/External Use - Towers under 2.5m are outside of the scope of EN1004

Internal Use

COMPONENT	WORKING HEIGHT	3.2	3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7	10.2	10.7	11.2	11.7	12.2	12.7	13.2	13.7	14.2
	PLATFORM HEIGHT	1.2	1.7	2.2	2.7	3.2	3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7	10.2	10.7	11.2	11.7	12.2
15/20 cm Castor		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Adjustable leg assembly		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
139 cm 2 Rung Ladder Frame			1	1			1	1			1	1			1	1			1	1			1	1
139 cm 2 Rung Span Frame 1M High			1	1			1	1			1	1			1	1			1	1			1	1
139 cm 3 Rung Ladder Frame			1		1		1		1		1		1		1		1		1		1		1	
139 cm 3 Rung Span Frame			1		1		1		1		1		1		1		1		1		1		1	
139 cm 4 Rung Ladder Frame		1		1	1	2	1	2	2	3	2	3	3	4	3	4	4	5	4	5	5	6	5	6
139 cm 4 Rung Span Frame		1		1	1	2	1	2	2	3	2	3	3	4	3	4	4	5	4	5	5	6	5	6
178cm and 255cm Fixed Deck		1	1	1	1	1	1	1	2	1	1	1	2	1	1	1	2	1	1	1	2	1	1	1
178cm and 255cm Trap Door Deck		1	1	1	2	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6
178cm and 255cm Horizontal Brace(Blue)		6	6	6	6	10	10	10	10	14	14	14	14	18	18	18	18	22	22	22	22	26	26	26
210cm and 270cm Diagonal Brace(Yellow)		2	3	3	4	5	6	8	8	10	11	11	12	14	14	15	16	18	18	19	20	22	22	24
178cm and 255cm Side Toeboard		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
118cm End Toeboard		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
300 cm Fixed Stabilizer					4	4	4	4	4	4														
450 cm Telescopic Stabilizer											4	4	4	4	4									
600 cm Telescopic Stabilizer																4	4	4	4	4	4	4	4	4
178 cm TOWER Total Self-Weight (Kgs.)		80.6	87.5	91	128.5	140.8	154.8	162	179.3	193.8	205	208.6	227.8	242.3	247.3	260.7	279.9	294.3	300	305	324	338.5	343.5	350.7
255 cm TOWER Total Self-Weight (Kgs.)		91	98.3	101.9	141.9	156.6	171.1	179.2	198.8	216	227.8	231.2	253.1	270.3	275.3	289.1	311	328.3	333.3	339.2	361	378.2	338.2	391.4

Double Width Span 33 Stairway Tower

Stairway is a versatile unit which can easily convert Span 33 Double Width Mobile Tower Components into a stairway tower. It provides:

- Safe landing every 2M.
- Safe working load of 250kg per platform level up to a maximum of 750kg per tower (Including tower self weight).
- Deck board edge protection by Aluminium Deck profile. Easy to use toe board system.
- Whole life support includes manufacture's repair service.
- Stairway can be placed both zig zag and parallel.
- Equipped with construction manual and labels

STAIR WAY TOWER
PLATFORM HEIGHT 7mtr

Technical feature:

- Adjustable leg up to 30cm.
- Working Platform Dimension - (139 x 255) cm
- Capacity – 200kg/ sq m
- Number of steps in a Stair, including landing - 10
- Stair Steps Distance - 19 cm
- Aluminium Alloy – 6061 T6
- Stair Width – 55 cm
- Stair Top Landing Dimension – (55 x 39) cm
- Stair Bottom Landing Dimension – (55 x 29) cm
- Step Depth – 15 cm
- Stair Side Tube Dimension – (100 x 30 x 2) mm
- Stair Steps Tube Dimension – (150 x 25 x 2.5) mm

PRODUCT NAME	WEIGHT
Handrail Right	3.42 kg
Handrail Left	4.88 kg
Handrail Top	3.88 kg
Stair Weight	22.14 kg

STAIR WAY SERRATED
STEPS OF 15cm DEPTH

• Integral stairway and handrail system is ideal for frequent ascend and descend inside the tower.
• Safe and simple to transport equipment on a scaffold tower.
• Easy assembly and dismantling.
• Equipped with antislip profile on stairs.
• Stairway and platform equipped with windlock security system.
• Stairway steps are 15 cm deep with a clear width of 49 cm making it easy to carry tools. The step rise is 19 cm.
• Stairway large trapdoor platform – The light weight walk thru platform which is larger than standard trapdoor platform provides additional head clearance while climbing the tower and ease of access to the working level.
• Easily detachable handrails available for both the side of stairs.
• The standard and trapdoor platform provides a larger working area and complete top working level, with easy attach toe boards.


STAIR WAY TOWER
PLATFORM HEIGHT 3mtr


STAIR WAY TOWER
PLATFORM HEIGHT 5mtr

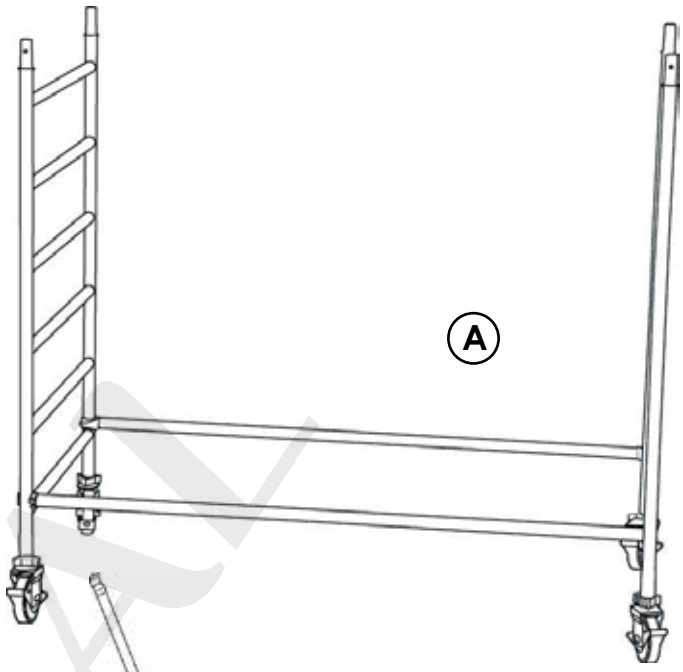

INTEGRAL STAIR WAY
HANDRAIL HOLDER

Assembly Instruction Span 33 Stairway Tower 8.3 Mtr High

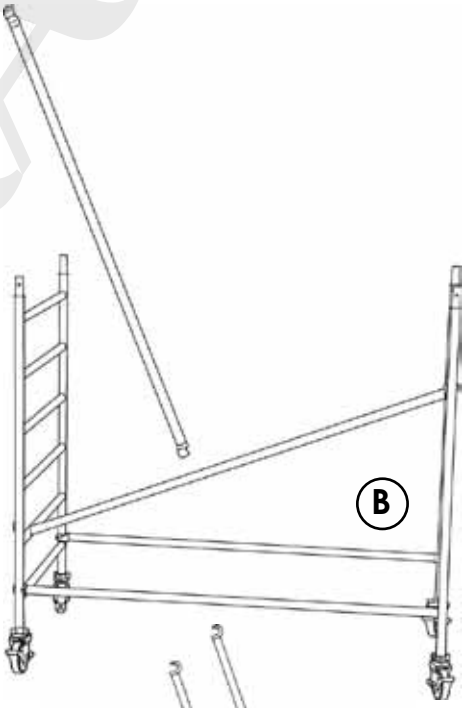
The law requires that personnel erecting, dismantling or altering towers must be competent. Any person erecting mobile tower must have a copy of this guide.

Fit caster wheel with adjustable Jack in Span 33 frame and walkthrough frame. Turn the caster wheels so that they points outward and engage the brake.

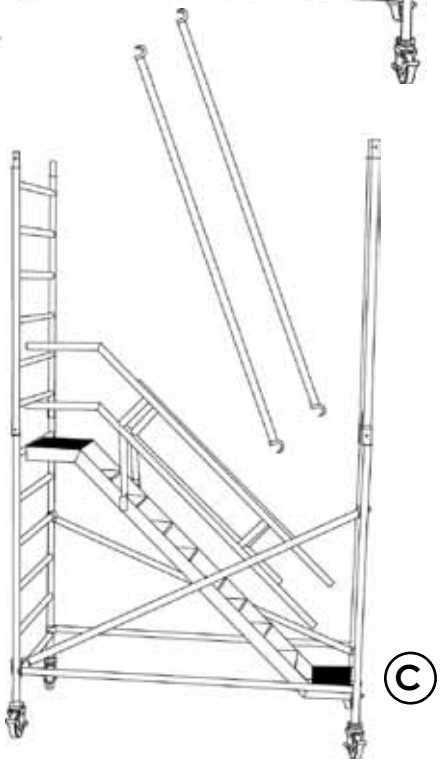
Fit horizontal brace to both sides of one 6 rung frame and walkthrough frame lowest rung and lock to the frame with hook facing outward from inside or downwards. Never snap braces with hook facing inward from outward.
Check The level of the tower both length and width wise adjust the wheel legs if it is require to make tower balance on the ground.
See Picture A.



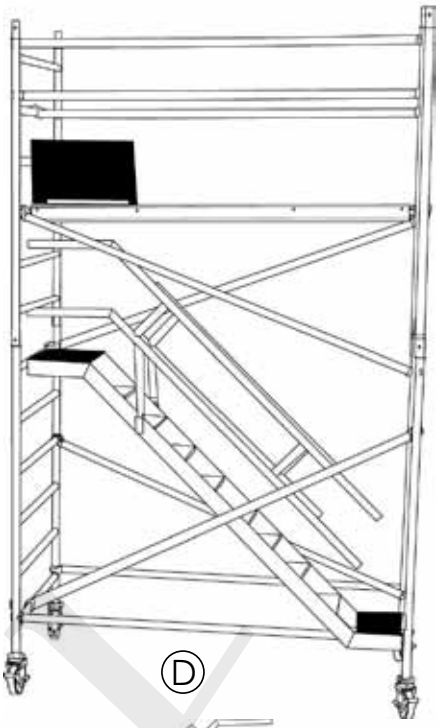
Snap on Diagonal brace (Yellow) from 1st rung to 4th rung. Fit another Diagonal brace to the other side from 1st rung to 4th rung in opposite direction Take care to keep the braces in line. See Picture B.



Attach Stairway from 1st rung to 6th rung near the opening of walkthrough, engage windlock of stairway. Attach two handrail on both side of stairway.
Standing on guarded stair, assemble two 6 rung frame to the lower frames and insert locking pin.
See Picture C.



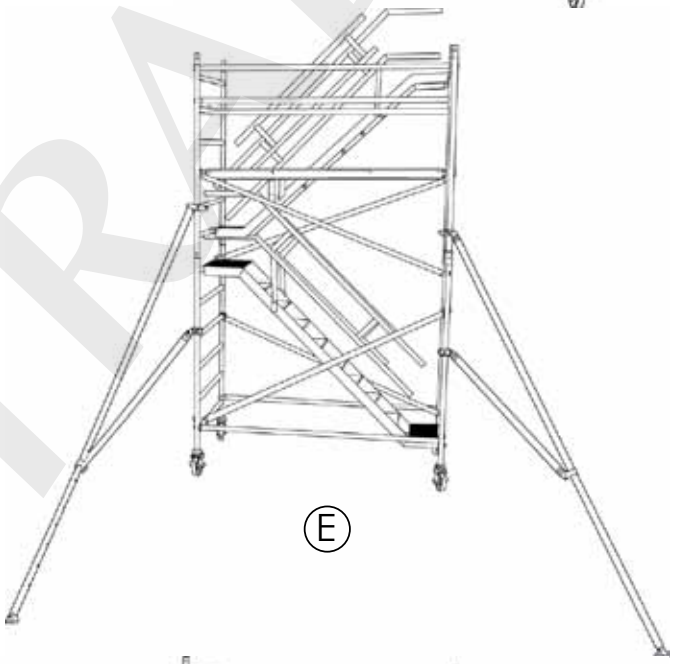
Fit door platform on 9th rung on the same side of stair engage wind locks of the platform. Attach Horizontal Brace on 11th and 12th rungs on both the side near to the platform. See Pic D.



Ⓓ

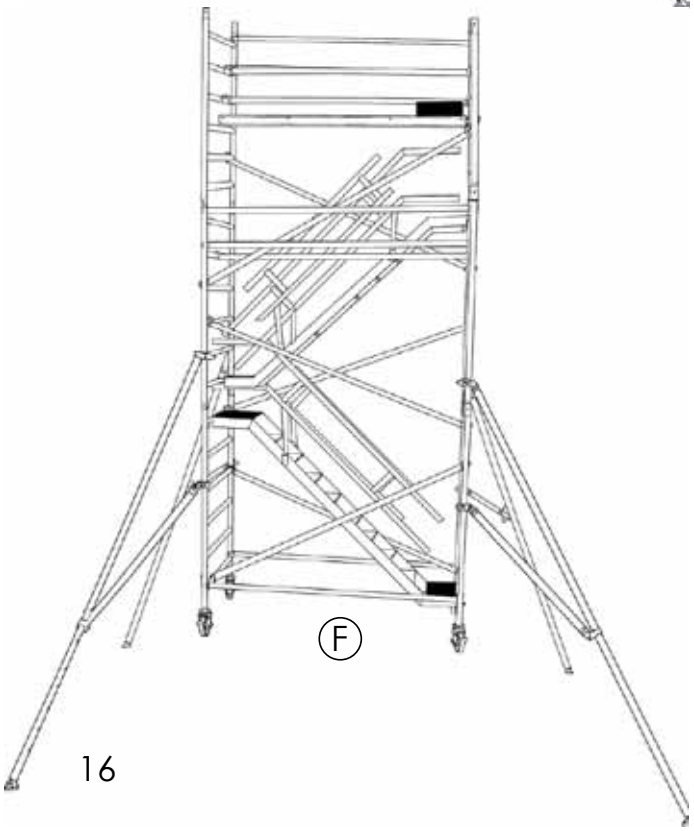
Standing on the guarded platform attach another stair from 7th rung to 12th rung, attach handrail on both the side of stair, attach two Diagonal Brace from 6th to 9th rung both the side, in opposite direction.

Attach stabilizer to the stair access tower. Adjust the telescopic leg of the stabilizer to give firm support to the ground. Position the stabilizers so that the foot pads are approximately equidistant from each other at approximately 45 degree for maximum stability.
See Pic E.



Ⓔ

Standing on the guarded platform, fix two Six Rung Frame on lower frames, insert locking pin. Attach Diagonal brace on frames from 11th to 14th rung on both sides in opposite direction. Remove horizontal brace from 11th and 12th rung near the platform from inner side of the tower to clear path for movement.
Remove door platform from 9th rung and place at 15th rung while standing on the guarded stair on the same side of stair, engage windlock of the platform. Sitting on the trapdoor opening of platform fit horizontal brace at 17th and 18th rung on both the side near to the platform. See Pic F



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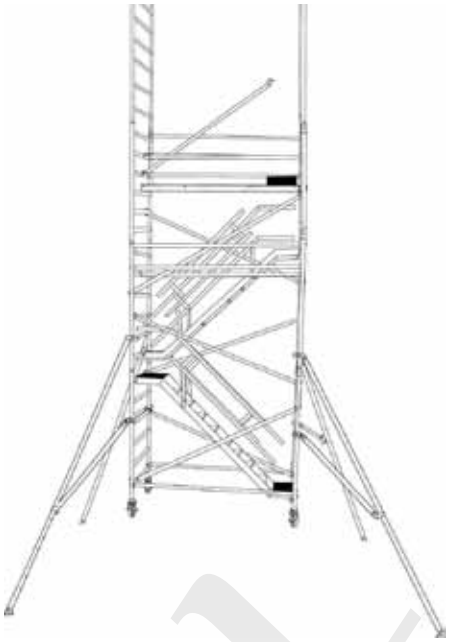
Standing on the guarded platform, attach 2 Six Rung frame on the lower frames and snap locking pins.
Attach Diagonal Brace on both side of frames from 16th to 19th rungs. See Pic G.



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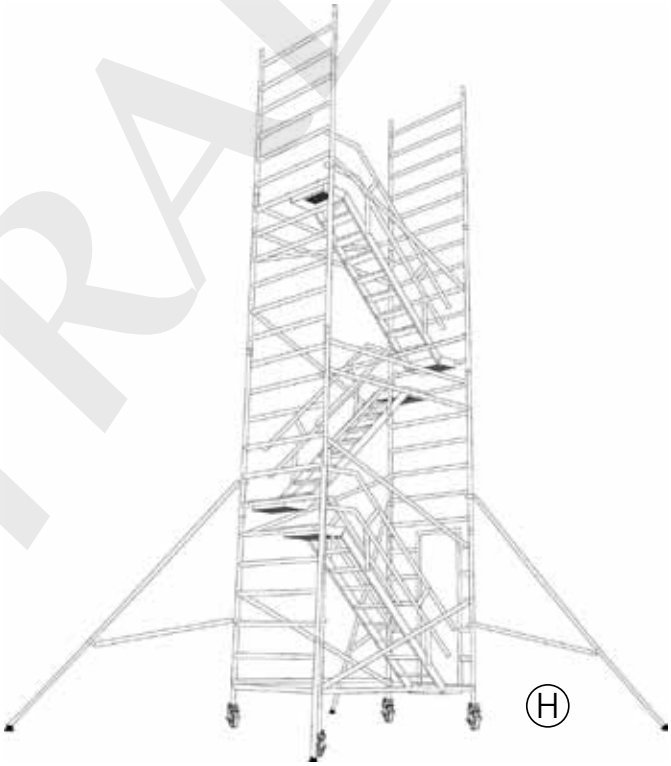
Standing on the guarded platform attach another stair from 13th to 18th rung, attach hand rail on both the side of stair. Remove door platform from 15th rung. See Pic H.



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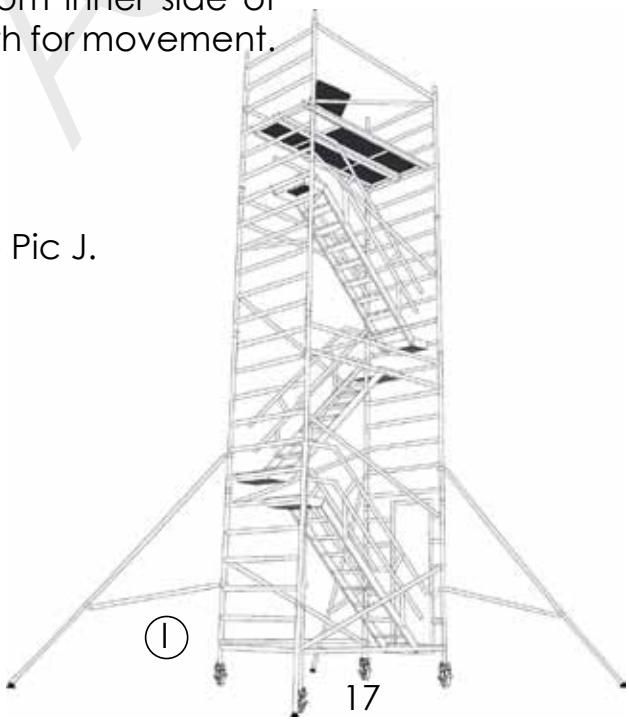
Standing on the guarded stair fit door platform at 21st rung on the same side of stair. Fit another standard platform next to trapdoor platform. Sitting on the trapdoor opening of platform fit 2 Horizontal Brace on 22nd and 24th rung on both the sides. Remove horizontal brace from 17th and 18th rung near the stair from inner side of the tower to clear path for movement. See pic.I.



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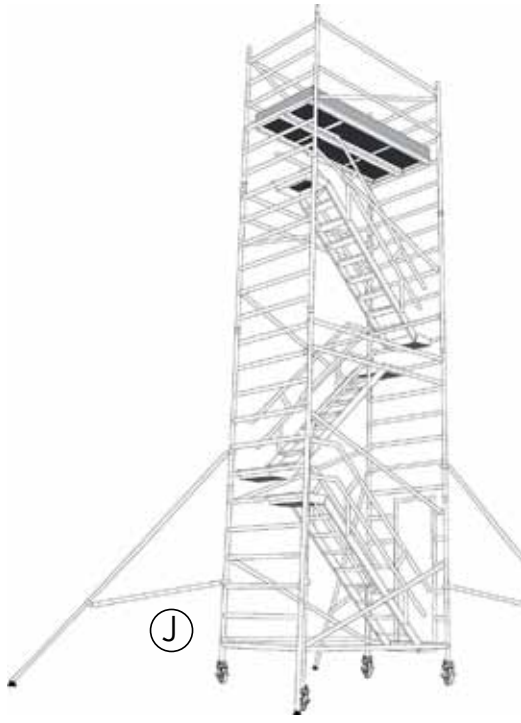
Fit the toe board. See Pic J.



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Single Width Span 50 Ladder Frame Mobile Tower

Single width Span 50 ladder frame tower systems are fast and easy to erect and ideal for maintenance work indoor and outdoor.

If there is narrow space for placing a mobile tower, Single width Span 50 Mobile Tower offer an excellent solution with its 78cm wide frame. Width available 78 cm

Mainframe height available 1.5mtr and 2mtr

Length available 158 cm, 178 cm, 208 cm and 255 cm.

• Maximum Working Height for interior and exterior work is 10mtr.

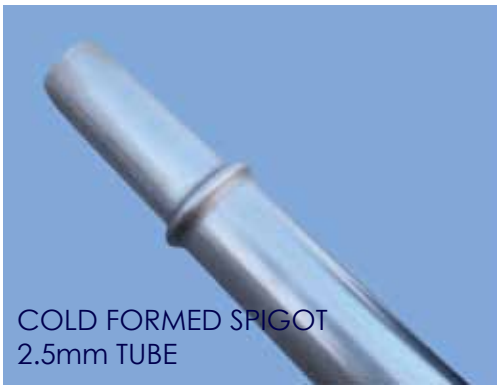
• Maximum Load per platform is 225kgs. And for the entire tower is 600kgs. including tower self-weight.

• The platform hook of the tower is equipped with windlock system.
Deck board edge protection by Aluminium Deck Profile. Easy to use toe board system.

• The frames connection has locking pins to prevent accidental removal of frame.

• Equal length braces, stabilizers, platforms, wheel legs and toe board can be combined with other Span 50 series component.

SINGLE WIDTH LADDER FRAME PLATFORM HEIGHT 4mtr



COLD FORMED SPIGOT 2.5mm TUBE

• All frames can be used as upper or lower, simply place your platform on the 3rd rung below the top of the tower, and correct guardrail height is achieved.

• The wheel of Mobile Access tower constitutes of Dual Pedal foot operated brake for easy in applying brake and disengage quickly for moving.

• Spigot connecting the tower frame components is neither bolted nor crimped loose component, like many traditional scaffolds, but the vertical tube of 2.5mm thickness is used, to give maximum strength to the tower structure and spigot is an internal part of this same vertical tube designed by cold forming.

• Equipped with construction manual and labels.

Technical Feature:
Adjustable leg up to 30cm.
Working Platform 78 x 178 cm
Capacity – 200kg/sqm.
Rung Distance – 50 cm
Number of rungs in a ladder – 7 step ladder in each 2mtr frame.

Ladder Rung Distance – 28 cm.
Aluminium Alloy – 6061 T6
Frame Tube Thickness – 2.5mm
Platform – Antislip Plywood with Aluminium Frame

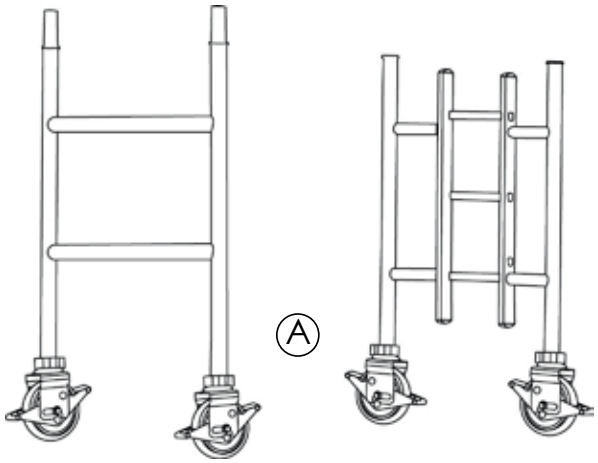
STABILIZER CLAMP

PLATFORM WIND LOCK

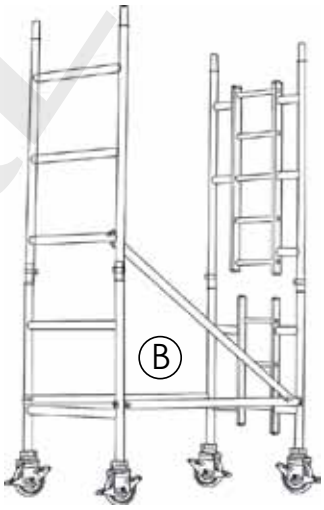
LOCKING PIN

ADJUSTABLE JACK

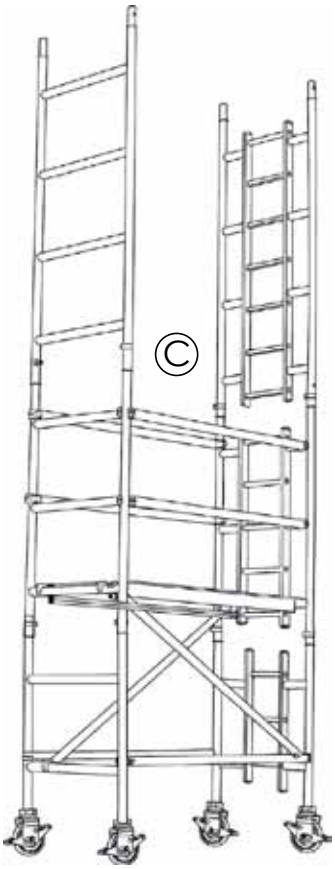
Assembly Instruction Span 50 Single Width Ladder Frame 6.8 mtr High



The law requires that personnel erecting, dismantling or altering towers must be competent. Any person erecting mobile tower must have a copy of this guide.
Fit caster wheel with adjustable jack in Two rung Span 50 frame and ladder frame. Turn the caster wheels so that they points outward and engage the brake. See Picture A.



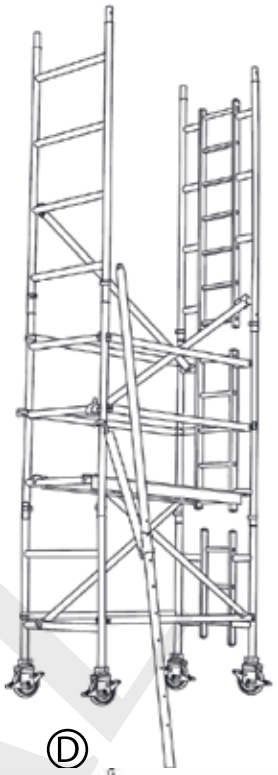
Fit horizontal brace (Blue) in one ladder and another standard vertical frame lowest rung and lock to the frame with hook facing out ward from inside or downwards.
Never snap braces with hook facing inward from outward. Attach one three rung span frame and three rung ladder frame to the lower frames, snap one diagonal brace (yellow) From 1st to 3rd rung. See Picture B.



Fit another Diagonal brace to the other side from 1st rung to the 3rd rung in opposite direction. Take care to keep the braces in line. Attach platform to the 3rd rung, ensure wind locks of platform engaged and trap door opens to the ladder side. Attach two horizontal brace at knee height and waist height at both side on 4th and 5th rung on both the side. Check the base with a spirit level in both vertical and horizontal directions and adjust the nut if necessary.

Standing on the guarded platform assemble one 4 rung standard and one 4 rung
ladder frame to the lower frames and insert locking pin. See Picture C.

Fix one diagonal brace on both side on 4th to 6th rung, in opposite direction. Fit stabilizers to the base unit. Adjust the telescopic leg of the stabilizer to give firm support to the ground. Position the stabilizers so that the footpads are approximately equidistant from each other at approximately 45 degrees for maximum stability.
See Picture D.



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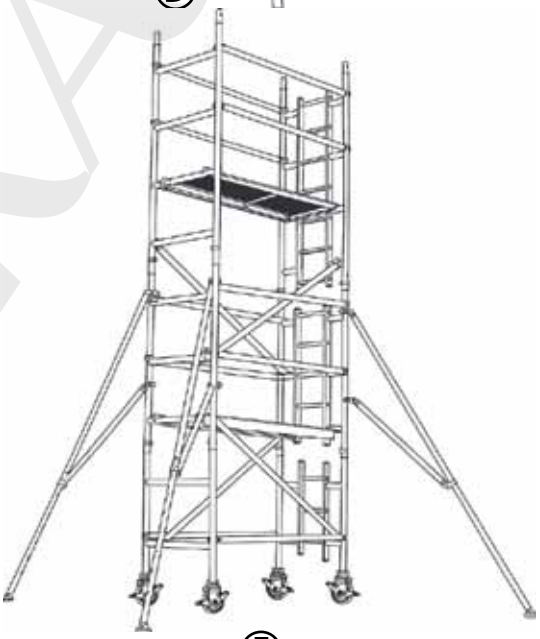
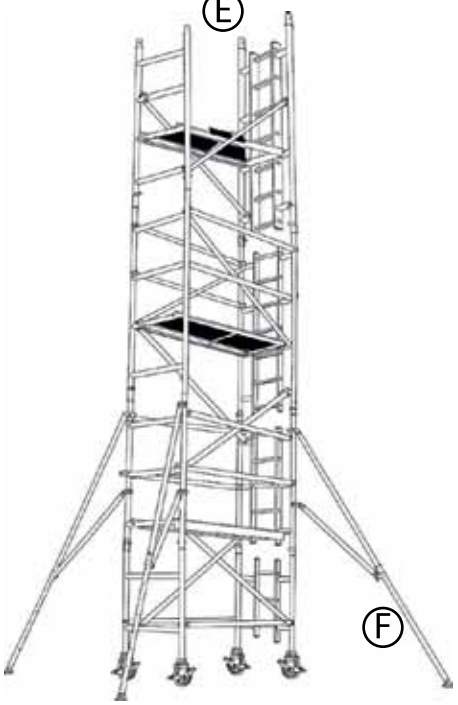
Fit Trapdoor Platform to the 7th rung of the tower, ensure windlocks are engaged on platform. Sitting on the trapdoor opening of Platform Snap two Horizontal Brace on 8th and 9th rungs both the side. See Picture E.



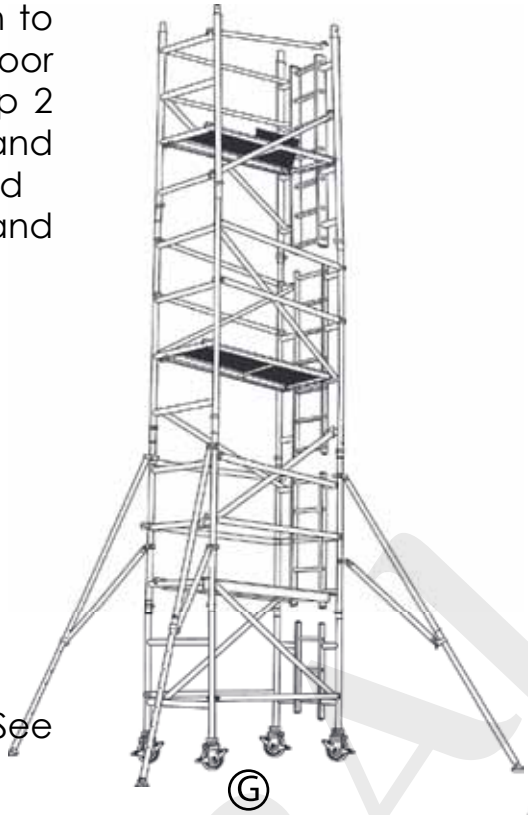
Ⓔ

Standing on the guarded platform, install additional standard and ladder frame, insert Locking pin to the frame. Snap 1 Diagonal brace on 7th to 9th and 10th to 12th rung, both the side, in opposite direction. See Pic F.



Ⓕ

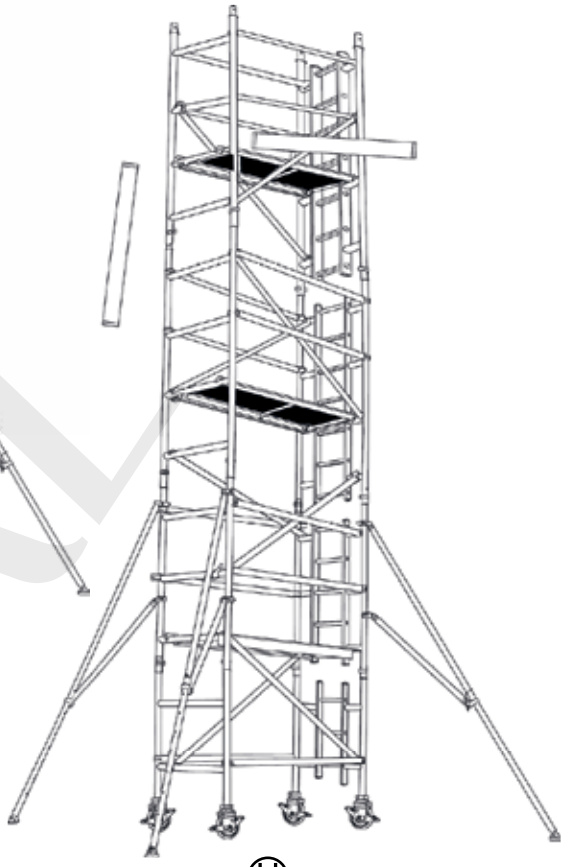
Fit trapdoor platform from on to 11th rung. Sitting on the trapdoor opening of the platform snap 2 horizontal braces to the 12th and 13th rung on both the exposed sides to form hand rail to stand on platform. see pic G.



Ⓖ

Fit Toe Board to the platform. See Pic H.

Fitting the toe boards: Slide the side boards into the correct slot in the end boards ensuring that object connect fall through and the trapdoor can open fully.



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78 Ladderspan as per EN 1004. Available in 2 lengths - 178cm and 255cm

Internal/External Use - Towers under 2.5m are outside of the scope of EN1004

Internal Use

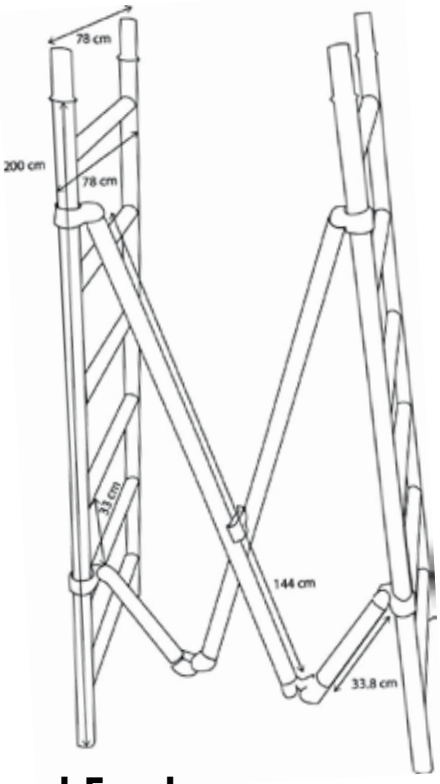
COMPONENT	WORKING HEIGHT	3.2	3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7	10.2	10.7	11.2	11.7	12.2	12.7
	PLATFORM HEIGHT	1.2	1.7	2.2	2.7	3.2	3.7	4.2	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7	10.2	10.7
15/20 cm Castor		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Adjustable leg assembly		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
78 cm 2 Rung Ladder Frame			1	1			1	1			1	1			1	1			1	1	
78 cm 2 Rung Span Frame 1M High			1	1			1	1			1	1			1	1			1	1	
78 cm 3 Rung Ladder Frame			1		1		1		1		1		1		1		1		1		1
78 cm 3 Rung Span Frame			1		1		1		1		1		1		1		1		1		1
78 cm 4 Rung Ladder Frame		1		1	1	2	1	2	2	3	2	3	3	4	3	4	4	5	4	5	5
78 cm 4 Rung Span Frame		1		1	1	2	1	2	2	3	2	3	3	4	3	4	4	5	4	5	5
178cm and 255cm Trap Door Deck		1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6
178cm and 255cm Horizontal Brace(Blue)		6	6	6	6	10	10	10	10	14	14	14	14	18	18	18	18	22	22	22	22
210cm and 275cm Diagonal Brace(Yellow)		2	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
178cm and 255cm Side Toeboard		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
65cm End Toeboard		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
300 cm Fixed Stabilizer				4	4	4	4	4	4	4											
450 cm Telescopic Stabilizer											4	4	4	4	4						
600 cm Telescopic Stabilizer																4	4	4	4	4	4
178 cm TOWER Total Self-Weight (Kgs.)		63.9	69	90.5	109.5	121.7	134	139.3	158.3	170.6	180.2	185.5	204.5	216.7	221.9	235.2	254.2	266.5	271.6	276.9	295.9
255 cm TOWER Total Self-Weight (Kgs.)		72	77.7	99.1	120.7	135.3	148	153.9	175.5	190	200	206	227.5	242	247.7	261.5	283	297.6	303.3	309	330.7

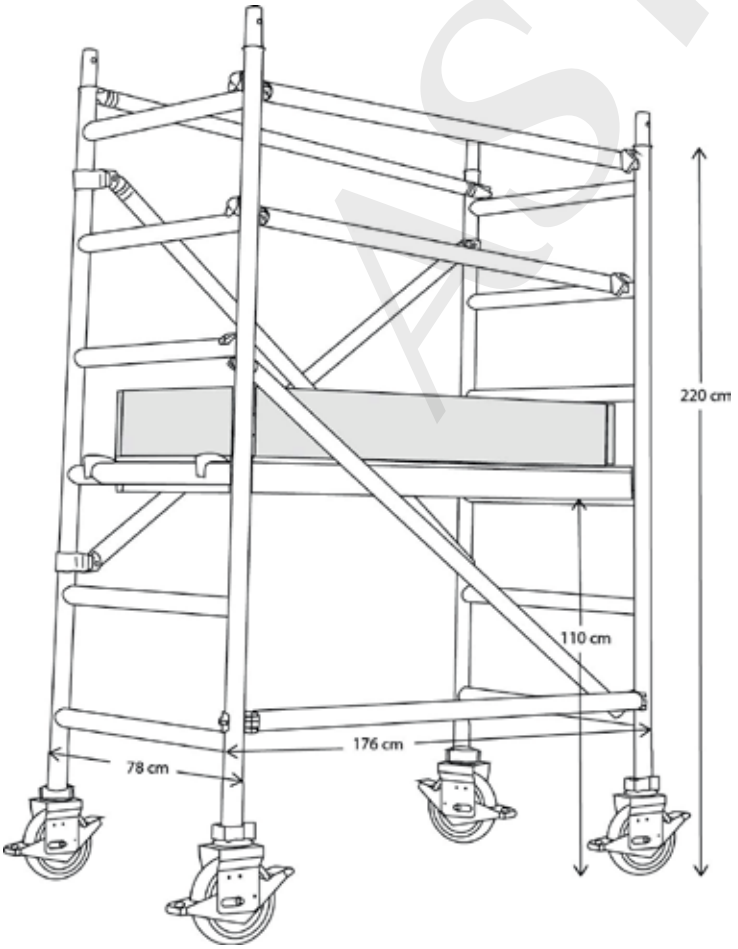
Single Width Span 33 Folding Tower

• It can be easily transported in small van and ready to use in seconds. It has a base measurement of (78 x 178) cm.
• The wheels with anti-slip surface are particularly suited for interior works.
• Folding tower can be driven through standard door opening without being dismantled.
• The platform height is adjustable and this makes working at different height easy.
• The hinge system makes it easy to fold and unfold, easy to assemble.
• This low level access tower system can be combined with span 33 frames and components to gain work height up to 8mtr.
• Ideal for one man use, unfold the unit, fit platform and start to work.
• Equipped with construction manual and labels.
• Both lightweight and robust.

Optional Extra's include:
Guardrail Pack – Including Toe Boards
Adjustable Legs and Castors – For uneven ground.

• Wide version 139 cm also available.





Technical Feature

- Working Platform : 78 x 178 cm
- Alluminium Alloy: 6061 T6
- Wheel : Dual Pedal Brake
- Platform : Anti-slip Plywood with Aluminium Frame
- Rung Distance: 33cm
- Safe working load 150 kgs.
- Platform Height – 108 cm
- Total Height – 230 cm
- Width – 78 cm
- Length – 178 cm

Foldable Frame

WEIGHT	19 kg
PRODUCT CODE	**FF - 00001**
WIDTH	78 cm
HEIGHT	200 cm

FOLDABLE FRAME

Foldable Span 33				
Platform Height	**1m**	**2m**	**3m**	**4m**
Folding Base Unit	1	1	1	1
178 cm Long Horizontal Brace	4	5	7	10
205 cm Long Diagonal Brace		1	2	4
178 cm Long Trapdoor Platform	1	1	2	2
200 cm High Extension Frame			2	2
100 cm Guardrail Frame		2		2
200 cm Long Stabilizer		4	4	4
68 cm Long End Toe Board		2	2	2
168 cm Long Side Toe Board		2	2	2
Snap Pins		4	4	8
15/20 cm Heavy Duty Castor Wheel With Adjustable Jack	4	4	4	4

Foldable Scaffold
TOWER COMPONENTS REQUIRED

The following table shows a full list of components to build the tower to the platform height specified, complying with the requirements of EN 1004.

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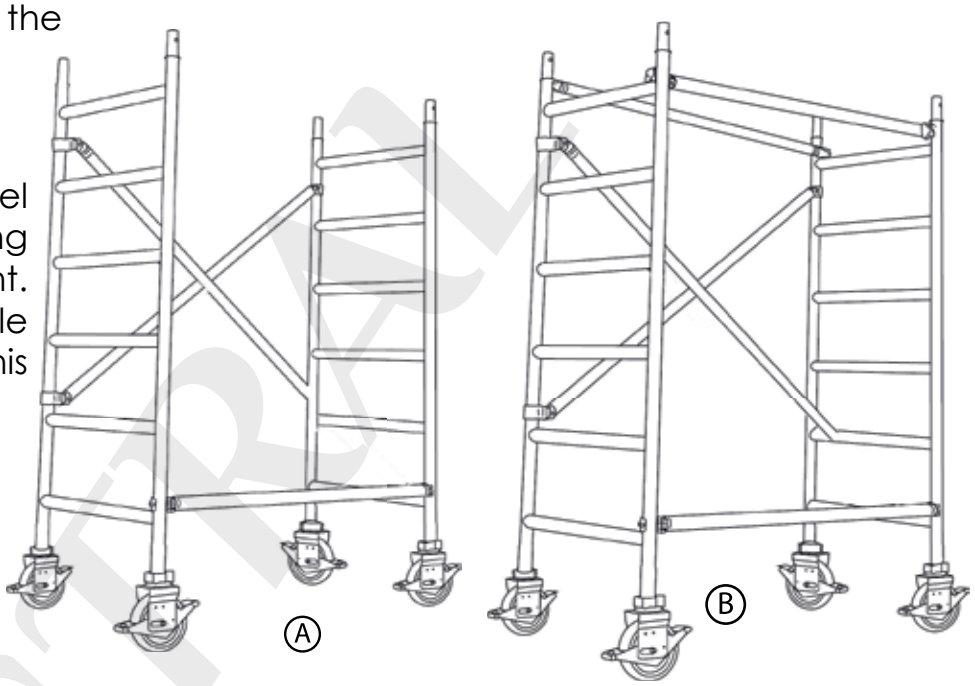


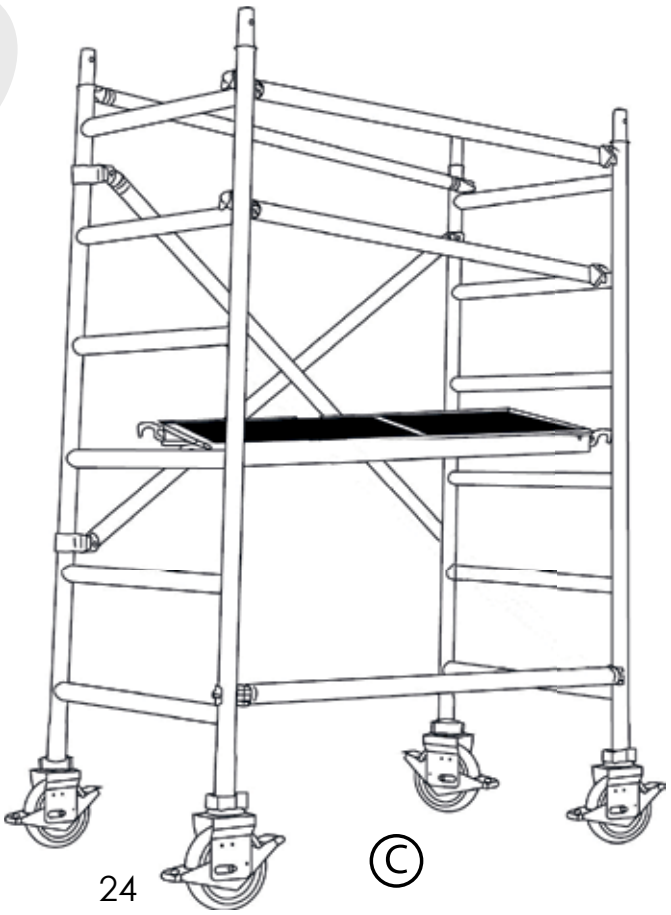
ASSEMBLY PROCESS FOLDABLE SCAFFOLD

1. BUILDING PROCESS – 1 metre Platform Height

1. Insert casters into the folding frames. Lock 2 castors in one frame and roll the other frame outwards until the folding diagonal braces lock. Lock the other 2 castors. Clip one horizontal brace to the frame lowest rung. See pic A.

2. Clip 1 horizontal brace either side of the frame on 6th rung. See Pic B

3. Clip 1 horizontal brace to the 4th rung opposite the diagonal braces.
4.Fit trapdoor platform to the 3rd rung & engage wind lock. See Pic C.



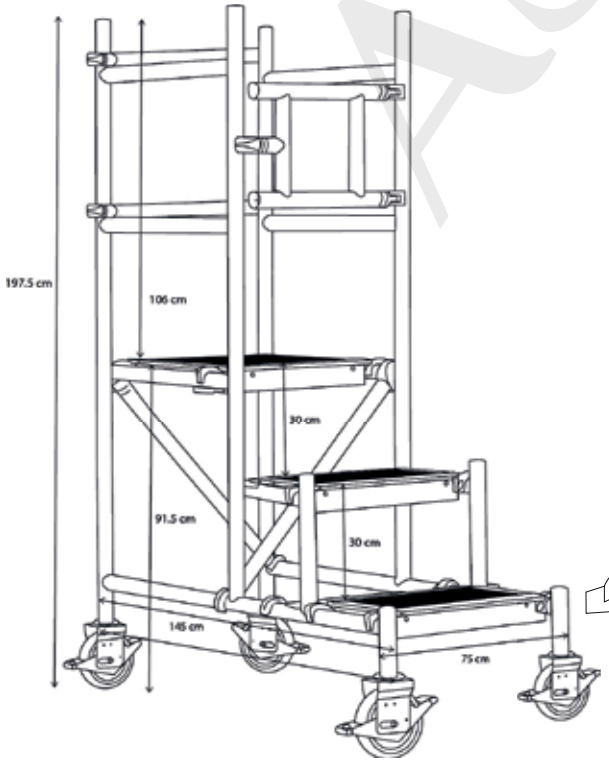
Foldable Podiums

This work platform provides a fast, simple and cost effective solution for low level access for all types of contractors – roofing, shop fitting, electrical, sign-writing, painting and more, and offer Platform Level 1.0 mtr and 1.3 mtr.
It's compact to store and can be transported in a small van or standard elevator lift.
Designed to confirm to the Working at Height Regulation, this podium is fully enclosed work platforms.

1.3mtr
PLATFORM
HEIGHT

Feature:

- Self latching gate for added safety and security while working.
- 4 Braked Casters for rigidity when in use.
- Casters are bolted to unit for a firm fixed connection.
- Tough design to withstand the rigors of site use.
- Designed to be pushed through most standard doorways.
- Safe Working Load – 150 kg.
- Overall Height – 2mtr.
- Platform Height – 1.0 mtr
- Width – 75 cm
- Length – 145 cm
- Step Distance – 30 cm
- The optional stabilizers deliver additional stability.

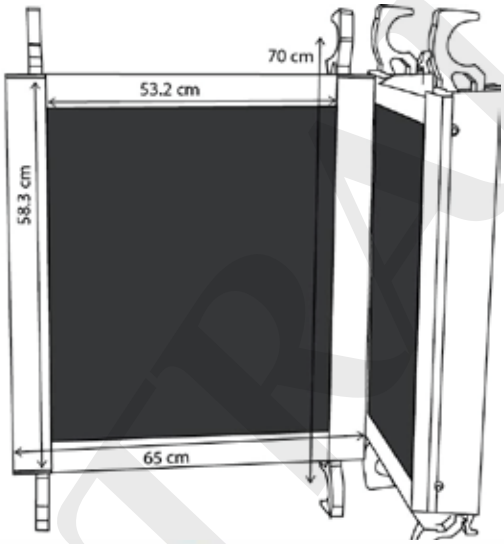


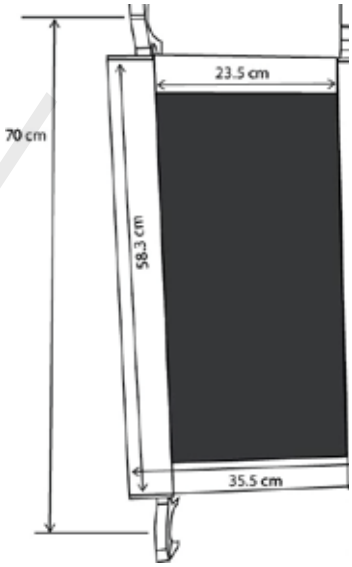
PRODUCT NAME	WEIGHT	PRODUCT CODE	LENGTH
Podium Standard Platform	4.5 kg	**PTF - 00015**	78.5 cm
Podium Steps	3.66kg	**PTF – 00013**	78.5 cm
Podium Diagonal	1.26 kg	**BRC – 00020**	99 cm
Podium Horizontal	1.07 kg	**BRC – 00019**	77.5 cm

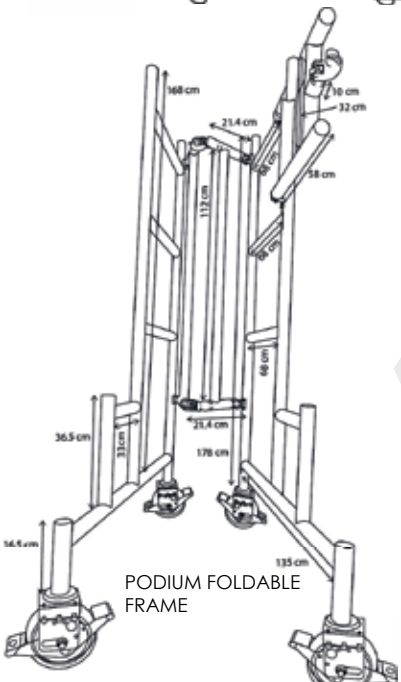
PODIUM FOLDING LOCK

PRODUCT NAME	WEIGHT	PRODUCT CODE	WIDTH	HEIGHT
Podium Frame	4.8 kg	**PF - 00002**	145 cm	178 cm
Podium Door Frame	6.9 kg	**PF - 00003**	145 cm	178 cm
Podium Frame Foldable	16 kg	**PF - 00001**	145 cm	178 cm

PODIUM BRACE







PODIUM FOLDABLE FRAME

1mtr PLATFORM HEIGHT

Podium Assembly Instruction

Kit List – Podium 1m & 1.3m

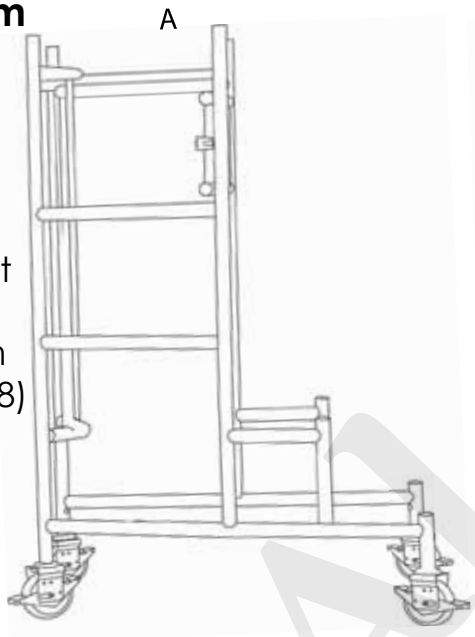
4 x Castors 15 cm
2 x Stabilizers 200 cm
2 x Podium Steps
1 x Podium Platform
1 x Foldable Podium base unit
2 x Horizontal Brace
Step Dimension – (36 x 78) cm
Platform Dimension – (55 x 78) cm

Step by step guide

1. Open the unit on a firm and level base, lock caster wheels. See Pic A.
2. Lock the folding gate at the back; ensure that the knuckle mechanisms have engaged. Fit one horizontal brace on the lower rung.
See Pic B.
3. Fit the small platforms on rung 1 & 2 to form the steps up to the platform.
See Pic C&D.
4. Fit the working platform on the 3rd rung. See Pic E.
5. Fit stabilizers, left & right. Ascend to the platform using the step platforms as steps. See Pic F.
6. Once the platform is accessed, close the gate behind; ensure that the clips are engaged.

SAFETY: Do not over reach out of the unit and do not move the unit by pulling yourself along whilst on the platform.

A



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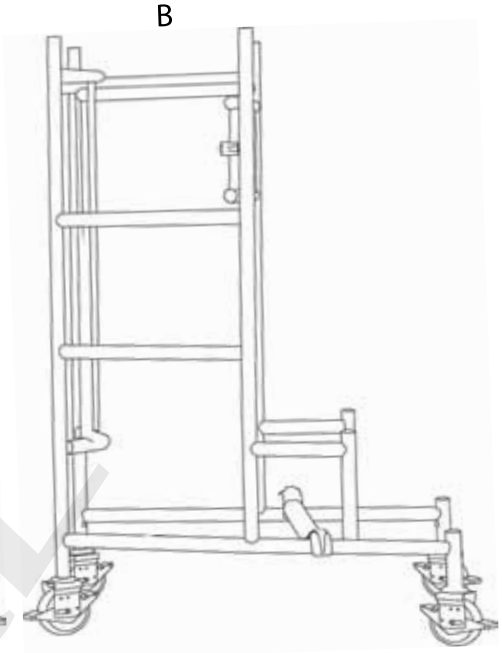

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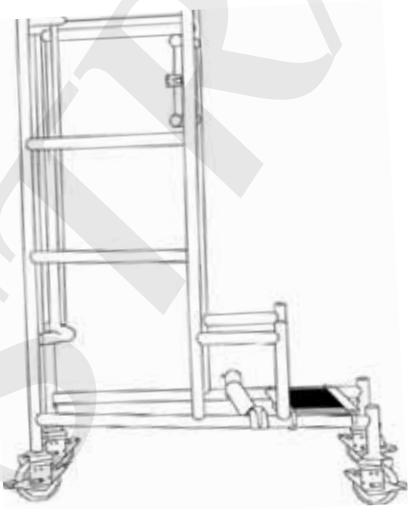

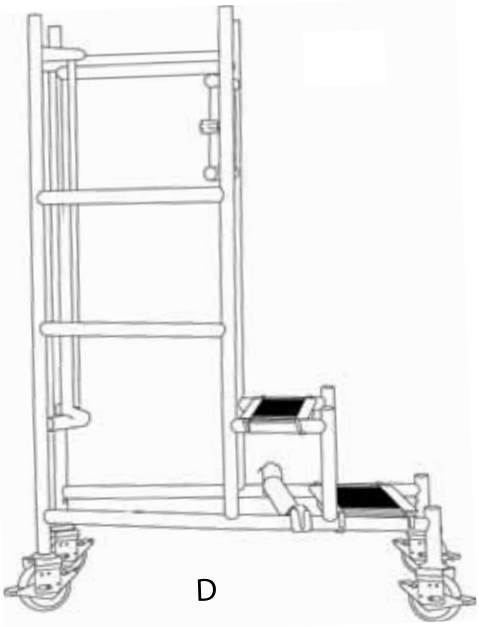

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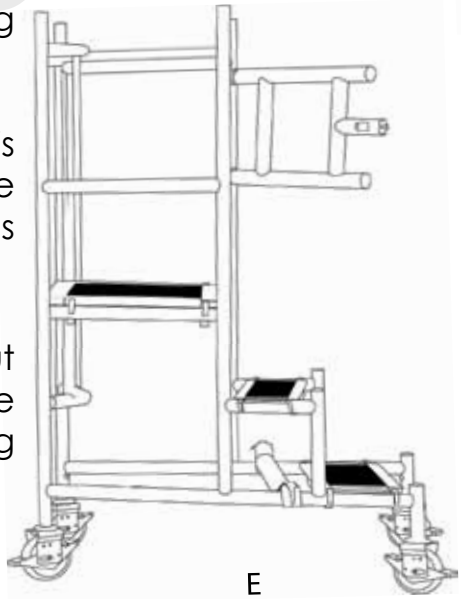


F

Cantilever Scaffold

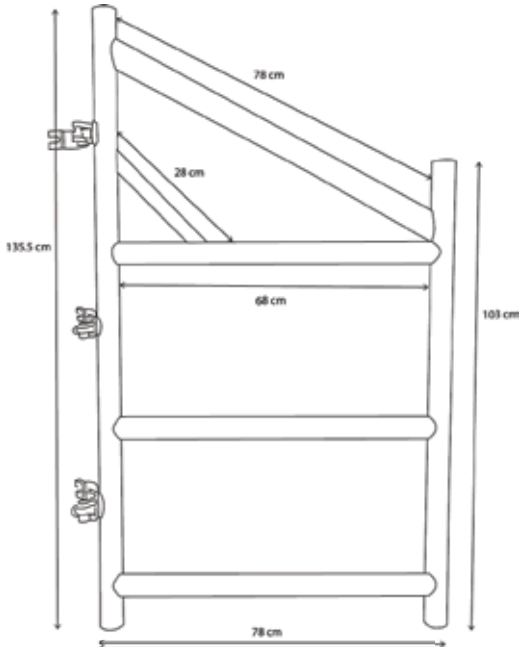
By applying the extension console on the Mobile Acces tower, the dormer is safely accessible. Only 2 extension consoles are required in order to work safely.
The aluminium extension consoles can be used on any type of rolling tower from the Span 50 series.

WEIGHT	4.3 kg
WIDTH	78 cm
HEIGHT	136 cm
PRODUCT CODE	**CLF - 00001**

• Frame designed to attach outside of the tower, to access difficult to reach location.
• Compatible for fixing handrail for safety at knee and waist level.

CANTILEVER FRAME SCAFFOLD

CANTILEVER FRAME



Mobile Stair Scaffold

Mobile stair scaffold is another innovative product. This completely dismantlable ladder comes in wider and bigger platform available in various sizes.
Because of its design, it is very easy to transport the complete stair scaffold after dismantling in any small truck.


Mobile Stair Scaffold 3mtr Platform Height

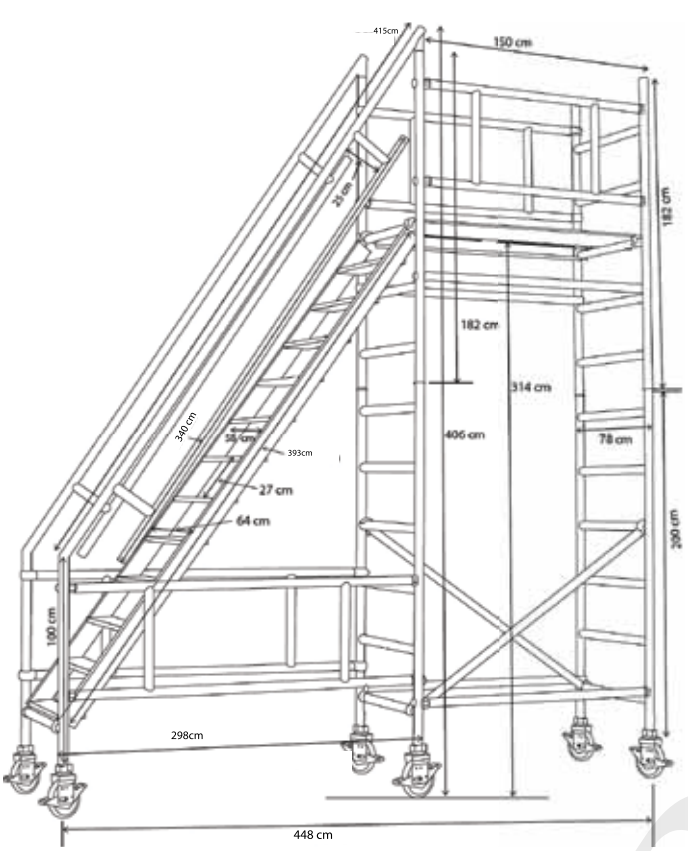
FEATURE:

- Stairs with handrail.
- Guardrail on working platform for complete safety.
- Anti slip profile on stairs.
- Wheel with Dual Pedal Brake mechanism.
- Aluminium Alloy 6061

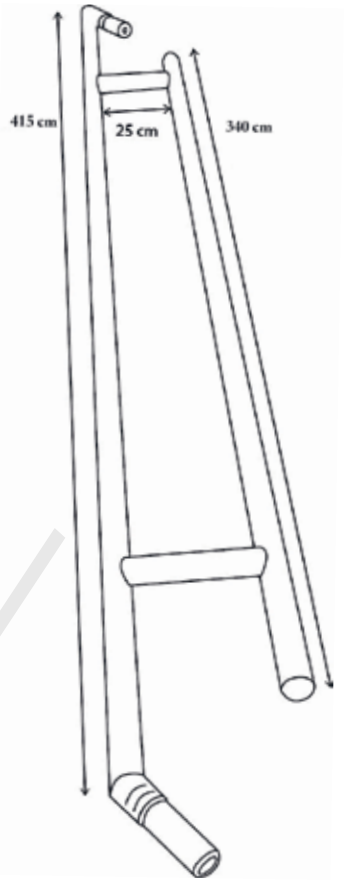
MOBILE STAIR SCAFFOLD TOWER COMPONENTS

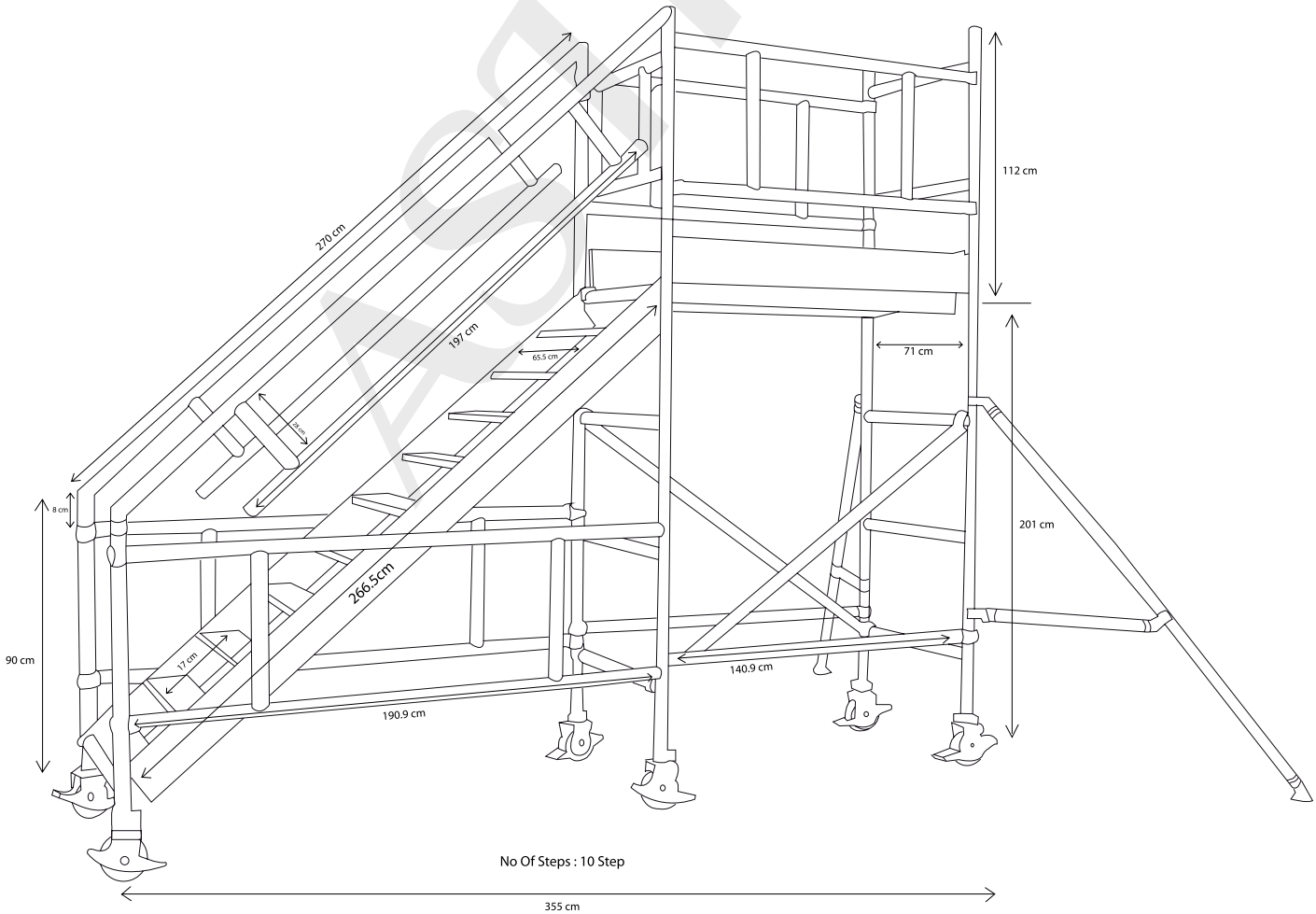
	WORKING HEIGHT (PLATFORM HEIGHT) MTR	WORKING HEIGHT (PLATFORM HEIGHT) MTR
	4.05 (2.01)	5.12 (3.14)
15/20CM WHEEL WITH 50 CM ADJUSTABLE JACK & Nut	6	6
200cm LONG STABILIZER	2	2
150 CM LONG BRACING FRAME	2	2
208 CM LONG BRACING FRAME	2	
298 CM LONG BRACING FRAME		2
266.5 CM LONG STAIRWAY	1	-
393 CM LONG STAIRWAY	-	1
270 CM LONG HANDRAIL	2	-
415 CM LONG HANDRAIL	-	2
150 CM LONG HORIZONTAL	2	4
162 CM LONG DIAGONAL	2	2
146 CM LONG WOODEN SIDE TOE-BOARD	2	
79 CM LONG WOODEN END TOE-BOARD	1	1
150 CM LONG WOODEN SIDE TOE-BOARD	-	2
78 CM WIDE 3 RUNG FRAME **150 CM** HIGH	2	-
78 CM WIDE 3 RUNG FRAME **182 CM** HIGH WITH SAFETY GATE	-	1
78 CM WIDE 3 RUNG FRAME **140 CM** HIGH	1	-
78 CM WIDE 6 RUNG FRAME **182 CM** HIGH	-	1
78 CM WIDE 1 RUNG FRAME **123 CM** HIGH WITH SAFETY GATE	1	-
78 CM WIDE 1 RUNG FRAME **90 CM** HIGH	1	-
78 CM WIDE 1 RUNG FRAME **100 CM** HIGH		1
78 CM WIDE 6 RUNG FRAME **200 CM** HIGH	-	2


Stairway Wind Lock

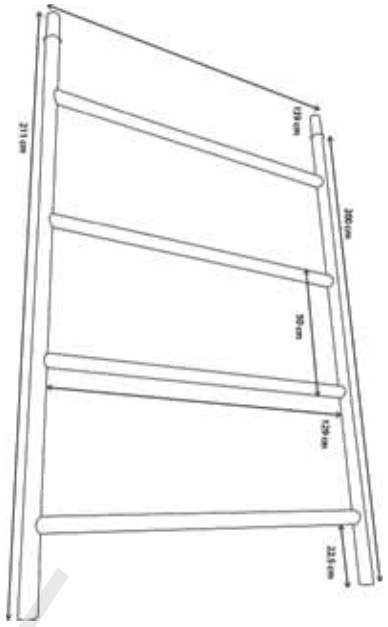

415cm
150 cm
182 cm
314 cm
406 cm
78 cm
340 cm
393cm
27 cm
64 cm
298cm
448 cm


27 cm
64 cm
58 cm
393cm


415 cm
25 cm
340 cm


270 cm
197 cm
65.5 cm
112 cm
71 cm
201 cm
8 cm
90 cm
266.5cm
17 cm
190.9 cm
140.9 cm
No Of Steps : 10 Step
355 cm

Frames



Span 50 Frame Welded

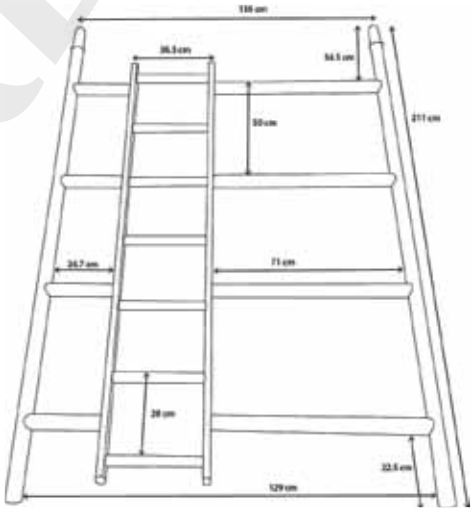
Width	78 cm	120 cm	139 cm	200 cm
Height	200 cm	200 cm	200 cm	200 cm
Weight	6.0 kg	6.68 kg	7.14 kg	8.74 kg
Product Code	**FR-00023**	**FR-00048**	**FR-00001**	**FR-00070**

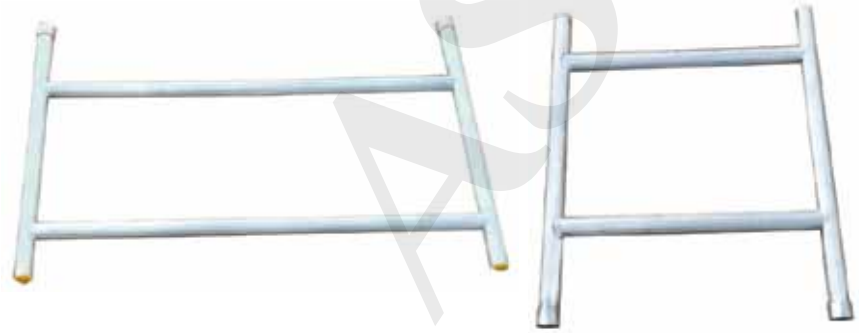
Ladder Frame Welded

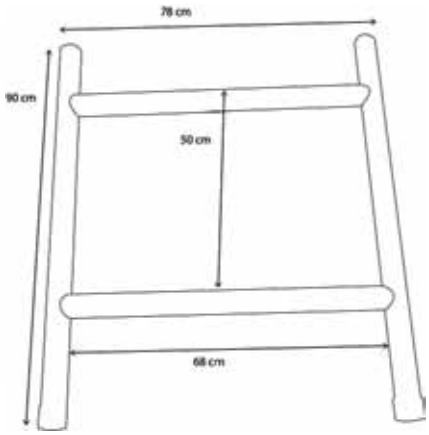
Width	78 cm	120 cm	139 cm	200 cm
Height	200 cm	200 cm	200 cm	200 cm
Weight	8.0 kg	8.7 kg	9.2 kg	10.6 kg
Product Code	**FR-00025**	**FR-00050**	**FR-00003**	**FR-00072**

Span 50 Frame Rungs Difference - 50 cm

- All frames are equipped with locking pin system attached to the frame.
- The diameter of tube is 50 mm and the wall thickness is 2.5 mm.
- For maximum safety in climbing the frame rungs are provided with serrated tube for easy grip.
- Ladder frame has an Integral industrial ladder with comfortable square rung. Each 2mtr frame has 7 step ladder welded to it for perfect usage.







Guardrail Welded

Width	78 cm	120 cm	139 cm	200 cm
Height	90 cm	90 cm	90 cm	90 cm
Weight	1.92 kg	2.51 kg	2.64 kg	3.38 kg
Product Code	**FR-00027**	**FR-00052**	**FR-00005**	**FR-00074**

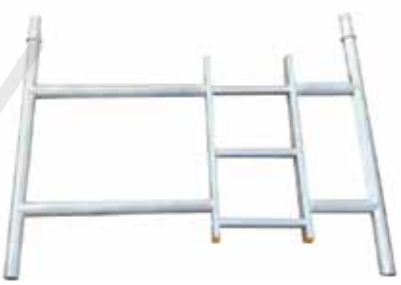
- The guardrail frame provides railing at knee height and waist height.
- The horizontal braces or bracing frames connects guardrail frames to each other.

Frames

2 Rung Span Welded

Width	78 cm	120 cm	139 cm	200 cm
Height	100 cm	100 cm	100 cm	100 cm
Weight	2.96 kg	3.44 kg	3.68 kg	4.476 kg
Product Code	FR-00029	FR-00054	FR-00007	FR-00076

2 Rung Ladder Welded



Width	78 cm	120 cm	139 cm	200 cm
Height	100 cm	100 cm	100 cm	100 cm
Weight	3.76 kg	4.48 kg	4.85 kg	5.41 kg
Product Code	FR-00031	FR-00056	FR-00009	FR-00078

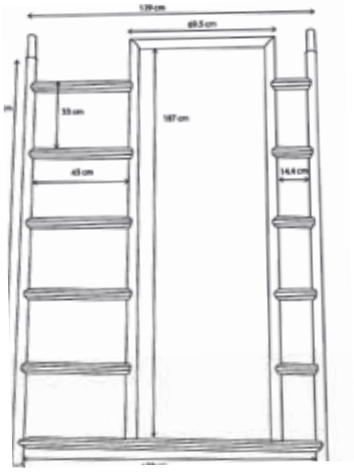
3 Rung Span Frame Welded

Width	78 cm	120 cm	139 cm	200cm
Height	150 cm	150 cm	150 cm	150 cm
Weight	4.3 kg	5.27 kg	5.45 kg	6.58 kg
Product Code	FR-00033	FR-00058	FR-00011	FR-00080

3 Rung Ladder Frame Welded

Width	78 cm	120 cm	139 cm	200cm
Height	150 cm	150 cm	150 cm	150 cm
Weight	6.28 kg	7.10 kg	7.4 kg	8.42 kg
Product Code	FR-00035	FR-00060	FR-00013	FR-00082

6 Rung Walk Through Frame



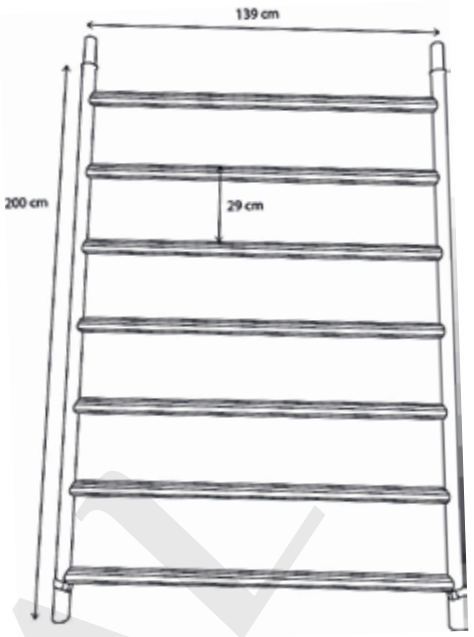
Width	139 cm
Height	200 cm
Weight	9.5 kgs
Product Code	FR-00098

Tube Thickness 2.5mm, Fully welded design. The walk through design of the frame provides, easy access on the Stairway Scaffolds.

6 Rung Span Welded

Width	78 cm	120 cm	139 cm	200 cm
Height	200 cm	200 cm	200 cm	200 cm
Weight	6.85 kg	8.2 kg	8.92 kg	10.87 kg
Product Code	FR-00041	FR-00066	FR-00019	FR-00088

6 Rung Frame Rungs Difference - 33 cm



7 Rung Span Frame Welded

Width	78 cm	120 cm	139 cm	200 cm
Height	200 cm	200 cm	200 cm	200 cm
Weight	7.22 kg	8.85 kg	9.66 kg	11.96 kg
Product Code	**FR-00044**	**FR-00069**	**FR-00022**	**FR-00091**

7 Rung Frame Rungs Difference - 29 cm

Cold formed T Joined Frames

Span 50 Frame Cold Formed

Width	78 cm	120 cm	139 cm	200 cm
Height	200 cm	200 cm	200 cm	200 cm
Weight	7.65 kg	8.58 kg	9.15 kg	10.44 kg
Product Code	**FR-00024**	**FR-00049**	**FR-00002**	**FR-00071**

Ladder Frame Cold Formed

Width	78 cm	120 cm	139 cm	200 cm
Height	200 cm	200 cm	200 cm	200 cm
Weight	9.5 kg	10.5 kg	11 kg	12.65 kg
Product Code	**FR-00026**	**FR-00051**	**FR-00004**	**FR-00073**

- All frames are equipped with locking pin attached to the frame.
- The diameter of tube is 50 mm and the wall thickness is 2.5 mm.
- For maximum safety in climbing the frame rungs are provided with rip grip profile.
- Ladder frame has an integral Industrial ladder with comfortable square rung.

Each 2mtr frame has 7 step ladder welded to it for perfect usage.

Frames

Guardrail Cold Formed

Width	78 cm	120 cm	139 cm	200 cm
Height	90 cm	90 cm	90 cm	90 cm
Weight	1.8 kg	3.4 kg	3.5 kg	4.25 kg
Product Code	FR-00028	FR-00053	FR-00006	FR-00075

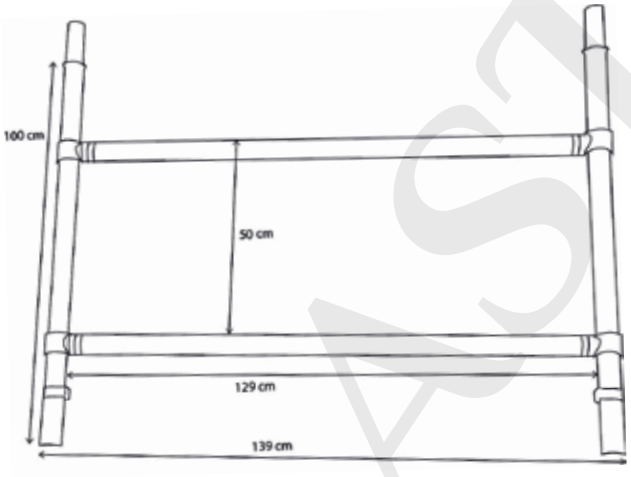
- **The guardrail frame provides railing at knee height and waist height.**
- **The horizontal braces or bracing frames connects guardrail frames to each other.**

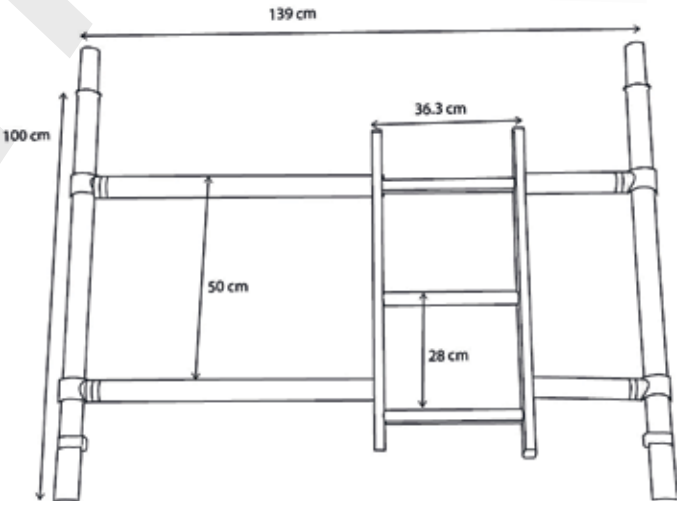
2 Rung Span Cold Formed

Width	78 cm	120 cm	139 cm	200 cm
Height	100 cm	100 cm	100 cm	100 cm
Weight	4 kg	4.5 kg	4.6 kg	5.4 kg
Product Code	FR-00030	FR-00055	FR-00008	FR-00077

2 Rung Ladder Cold Formed

Width	78 cm	120 cm	139 cm	200 cm
Height	100 cm	100 cm	100 cm	100 cm
Weight	4.7 kg	5.4 kg	5.64 kg	6.3 kg
Product Code	FR-00032	FR-00057	FR-00010	FR-00079





- Cold formed jointing system Gives tensile joints strengths up to three times greater, and durability higher than that of traditional welded joints.

3 Rung Span Frame Cold Formed

Width	78 cm	120 cm	139 cm	200cm
Height	150 cm	150 cm	150 cm	150 cm
Weight	5.8 kg	6.67 kg	6.82 kg	7.95 kg
Product Code	FR-00034	FR-00059	FR-00012	FR-00081

3 Rung Ladder Frame Cold Formed

Width	78 cm	120 cm	139 cm	200cm
Height	150 cm	150 cm	150 cm	150 cm
Weight	7.65 kg	8.5 kg	8.8 kg	9.8 kg
Product Code	FR-00036	FR-00061	FR-00014	FR-00083

Braces

Horizontal And Diagonal Brace

• The sturdy design of the claw ensures proper functioning of the braces even if these are used roughly.
• Circular grooves of each hook, ensures no displacement of joint. Under test conditions, crimped joints are at least twice as durable s a welded joint even when the crimped joint has loosened due as a result of abuse.
• Automatic claw locking for a constant and secure connection and easy release catch design aids dissembly.
• Horizontal brace and Diagonal brace gives the tower rigidity.
• Horizontal braces are used in the tower to keep the tower square and are used at working level as handrails.
• Diagonal brace criss cross all the way up to the tower. Provides continuous bracing which is very important for overall stability.
• Brace hook assembly, incorporating double torsion stainless steel spring for durable and reliable use.
• Colour coded Horizontal Brace (blue) and Diagonal Brace (yellow) for ease in identification.
• Brace hook – Pressure Die casting for highest precision and tensile strength.
• Tube Dia – 50 mm

Horizontal Brace

Product Code	Length	Weight
BRC-00001	128 cm	1.37 kg
BRC-00004	157.5 cm	1.60 kg
BRC-00013	178 cm	1.75 kg
BRC-00010	208 cm	1.90 kg
BRC-00016	255 cm	2.20 kg
BRC-00007	298 cm	2.46 kg

Diagonal Brace

Product Code	Length	Weight
BRC-00003	164 cm	1.62 kg
BRC-00006	188 cm	1.705 kg
BRC-00015	205 cm	1.87 kg
BRC-00012	231 cm	2.042 kg
BRC-00018	275 cm	2.35 kg
BRC-00009	314 cm	2.54 kg

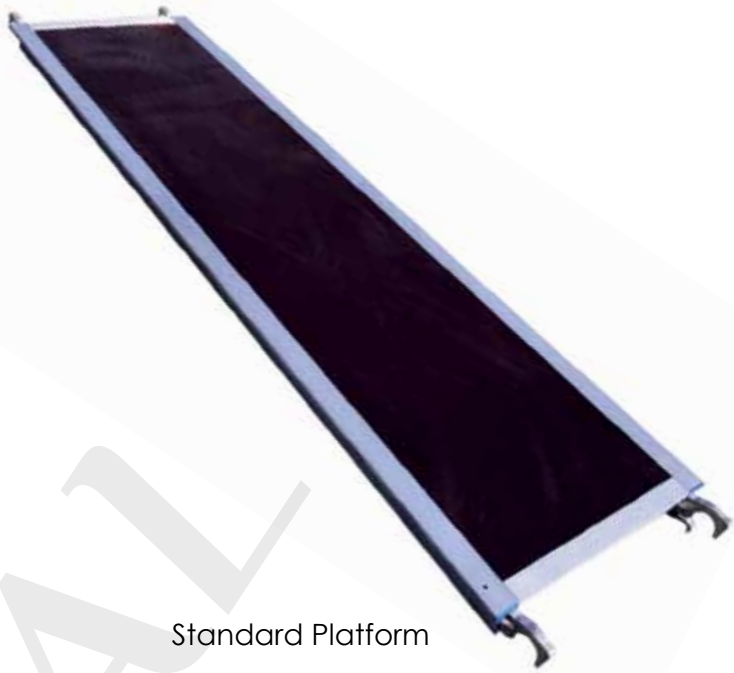
Bracing Frame

Product Code	Length	Weight
BRC-00005	158 cm	3.84 kg
BRC-00014	178 cm	4.19 kg
BRC-00011	208 cm	4.52 kg
BRC-00017	255 cm	5.1 kg
BRC-00008	298 cm	5.65 kg

*Always a guardrail support at knee and waist height at working platform.

Platform

Product Code	Length	Weight
PTF-00001	129 cm	7 kg
PTF-00003	158.5 cm	8.5 kg
PTF-00005	179.2 cm	12.975 kg
PTF-00007	208.5 cm	14.3kg
PTF-00009	256.5 cm	15.21 kg
PTF-000011	298.5 cm	16 kg

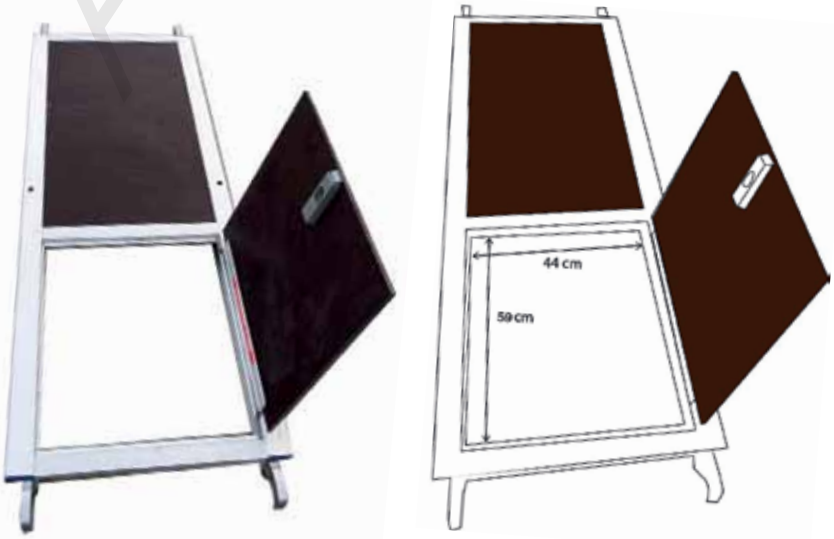


Standard Platform

Trapdoor Platform

Product Code	Length	Weight
PTF-00002	129 cm	7.4 kg
PTF-00004	158.5 cm	9.2 kg
PTF-00006	179.2 cm	13.250 kg
PTF-00008	208.5 cm	15kg
PTF-00010	256.5 cm	15.405 kg
PTF-00012	298.5 cm	17 kg

- Two types of platforms are available – Standard and Trapdoor.
- Platform is light weight and strong because of its construction. It is made of an Aluminium frame and wooden board.
- Platform has an integral wind lock clip for securing the platform to the tower from sudden uplift. And it secures the platform to the Scaffold tower.
- The platform surface is made of water resistant wood with anti-slip top layer.
- Trapdoor platform hinges allow user to climb through to reach desired working height.
- Anti slip surface ensure safest working, complying to EN 636 Standards.
- Platform incorporating bolted hook extrusion for easy low cost repair and platform profile designed to provide minimum deflection and improve strength. Toe board on platform prevents accidental drop of tools / work piece to ground.
- Deck board edge protection by Aluminium Deck Profile. Easy to use Toe Board System.



Trapdoor Platform

Wheels

• Pivoting wheel with 20 cm poly propylene no mark casters with dual pedal foot operating brakes, non marking caster material for indoor compatibility.
• The Aluminium nut adjustment allow the tower to be position in perfect vertical manner and allow height to be adjusted if the tower to be erected on uneven ground. Adjustable up to 30 cm.

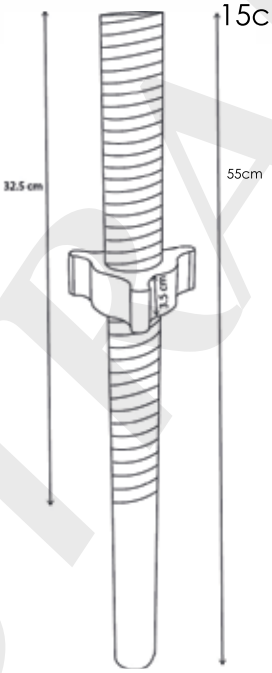
Caster Wheel

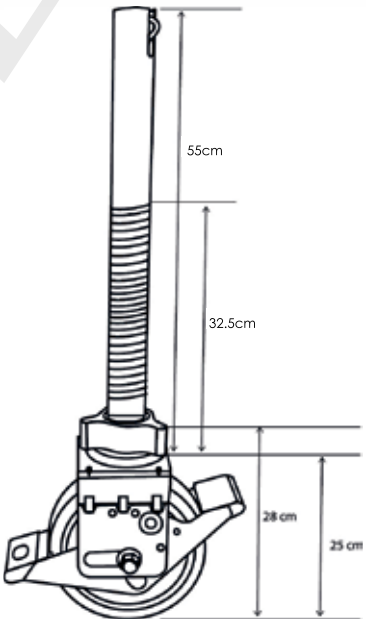
Product Code	WS-00003
Length	15 cm
Weight	3.85 kg

15cm caster wheel

Adjustable Jack

Length	Weight
55 cm	0.975 kg





Adjustable Jack

Caster Wheel

Length	Weight	Product Code
20 cm	4.74 kg	WS-00006

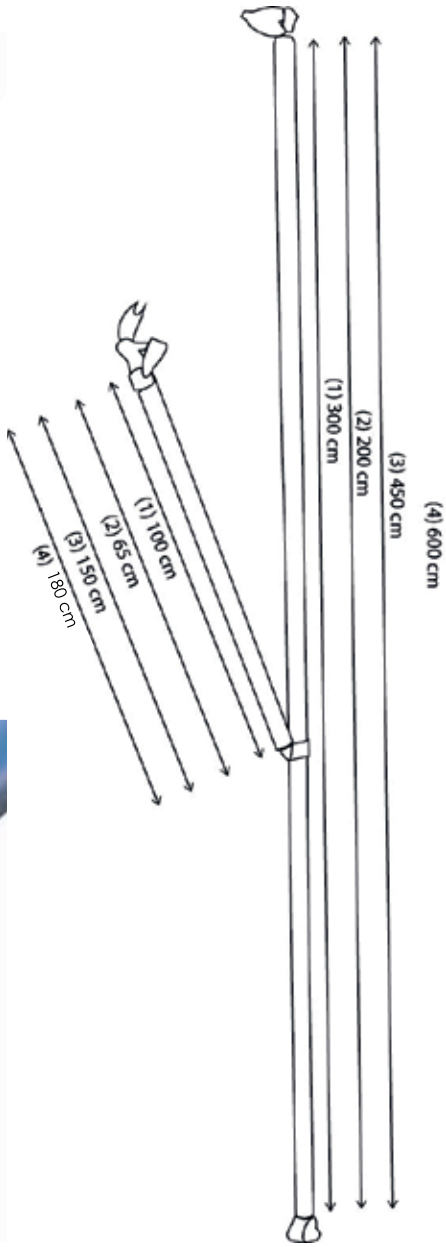
20cm Caster Wheel

Stabilizer

Product Code	Length	Weight
SL-00001	200 cm	3.6 Kg each
SL-00002	300 cm	4.5 Kg each
SL-00003	450 cm	5.6 Kg each
SL-00004	600 cm	7.6 Kg each

- Triangular stabilizer can be quickly assembled and continuously be adjusted in a telescopic manner.
- The triangular stabilizer is equipped with a safety warning sticker.
- STABILITY –Stabilizer outriggers: Designed to be used at the four corner of a scaffold to extend its base dimension to surpass EN 1004 / BS 1139 specified base rigidity requirement in the form of free standing tower.
- ANTI-SLIP RUBBER PAD- Rubberized anti-slip pad for each stabilizer end provides unmatched friction on working surface and provides all safety against the stabilizer sliding off.
- STABILIZER CLAMP – Stabilizer is attached to the scaffold by means of easy to handle wing nut driven clamping device, the extruded clamp replace conventional crack prone die casted clamp.

RUBBER FOOT



Toe Board

- To prevent materials from falling over
- Prevent accidental drop of tools / work piece to ground.
- Toe Board Height – 15 Cm

Aluminium Toe Board		
End Toe Board Length	**Product Code**	**End Toe Board Weight**
109 cm	**TB-00001**	1.15 kg
55 cm	**TB-00003**	0.56 kg
164 cm	**TB-00005**	1.755 kg

Aluminium Toe Board		
Side Toe Board Length	**Product Code**	**Side Toe Board Weight**
235 cm	**TB-00002**	2.75 kg
158 cm	**TB-00004**	1.96 kg

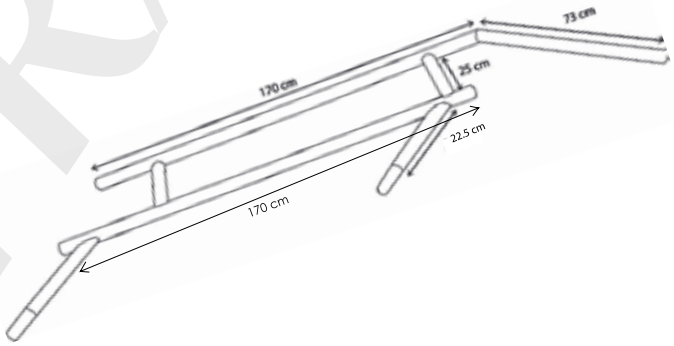
WOODEN TOE BOARD

Wooden Toe Board		
End Toe Board Length	**Product Code**	**End Toe Board Weight**
120 cm	**TB-00006**	1.64 kg
70 cm	**TB-00008**	0.94 kg
178 cm	**TB-00010**	2.46 kg

Wooden Toe Board		
Side Toe Board Length	**Product Code**	**Side Toe Board Weight**
244 cm	**TB-00007**	3.54 kg
168 cm	**TB-00009**	2.37 kg
196 cm	**TB-00011**	2.80 kg

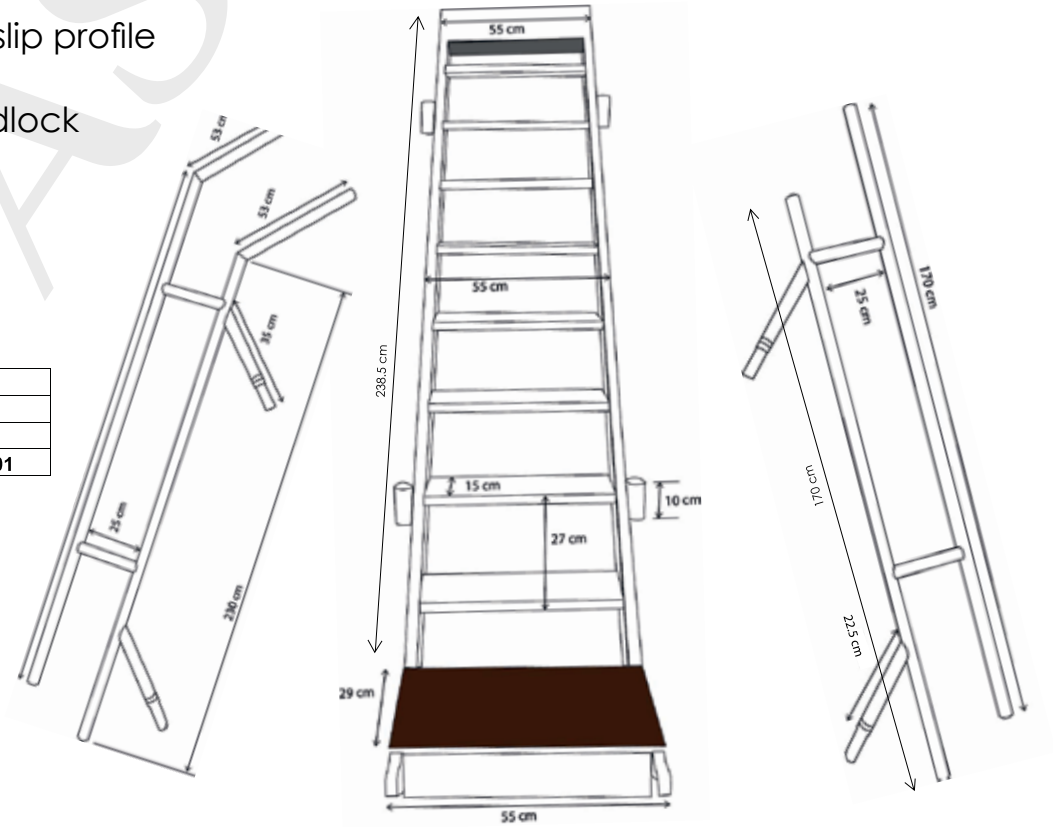
Stairs and Handrails

- Integral stairway and handrail system is ideal for frequent and safe ascends and descends inside the tower.
- Safe and simple to transport equipments on a scaffold tower.
- Easy assembly.
- Equipped with antislip profile on stairs.
- Equipped with windlock security system.



Stair

LENGTH	250 cm
WIDTH	55 cm
WEIGHT	22.2 kg
PRODUCT CODE	**SW - 00001**



Scaffold Safety Notes

Before assembling or Erection of Mobile Access Tower (MAT) please ensure that,

- A risk assessment has been done and safety equipment (Ropes etc) and auxiliary tools is available on site for erection and dismantling the tower.
- The ground conditions will take the working load as specified.
- The location of the tower should be checked to prevent hazards during erection, dismantling, moving and while working on the tower. Ground condition level and slope, obstruction and wind condition should be checked.
- Always check that the tower is vertical, use a spirit level to ensure that tower is vertical and is leveled (Check the level in both horizontal direction). Adjust the wheel legs if necessary to keep the tower balance on the ground.
- Beware of overhead obstruction-live wires, hanging apparatus (moving parts or machinery or other objects) Permissible load according to scaffold load group is 200kg/m².
- Beware of tunneling effect caused by open ended buildings, uncladded buildings and building corners.
- A person should be competent or supervised by competent person for working on Aluminum mobile tower and for assembling, dismantling or significantly altering.
- Minimum 2-3 persons are required to safely erect and dismantle the tower.
- Do not place boxes, ladders etc on the platform to extend the working height.
- BS 1139 (HD 1004) requires maximum vertical distance between different platform of 4 mtr. We recommend that you use extra platform while erecting and dismantling the tower.
- When lifting materials or components always use reliable lifting materials to ensure there is no possibility of its falling. Always lift from within the tower base. Components are normally hoisted using a rope.
- Never place the working platform on the guardrail frame.
- Always keep double height guardrails at each platform levels, never stand on an unguarded platform.
- Check that all components are on site and they are in good working order before use. Never mix parts or components from other manufactures. Damaged component should be replaced with the new components.
- The tower should always be accessed from the inside using the ladder frame, never climb up from the outside. Ensure that the locking hooks on platform are functioning correctly.
- Do not use horizontal or diagonal braces as a rung or step.
- Beware of horizontal forces (e.g. When using power tools), which could generate instability or overturning of the tower. Maximum horizontal force 20 kg.
- Don't move with people or material on the tower; remove all tools from working platform.
- Do not move the assembled tower if over 4 mtr. The wind force should not exceed force 4.
- Move the tower by applying force from the base. Ensure that the frame interlock clips are fitted properly.

- According to HD 1004 the double width tower must not be exceeded 12 mtr to top platform for indoor use and 8 Mtr platform height (working height 10 Mtr) for outdoor use.
- For single width tower maximum working height for both interior and exterior work is 8 Mtr.
- If the platform height reaches more than 6 Mtr for single width and 8 mtr for the double width scaffold, then it should be secured against the wall prior to use.
- Always tie to a solid structure, while tying the tower attach a tie at 4 mtr interval.
- The maximum working load on the Ascend span 50 is 750 kgs for overall structure (including tower self weight) and 250 kgs evenly distributed on the platform. This must not be exceeded. The safe working load at each level of platform is 360 kg evenly distributed. Therefore, if two platforms are installed side by side, total cumulative load shall not exceed 360kg distributed. Do not overload the scaffolding tower.
- Stabilizer should always be fitted and should be on firm contact with the ground.
- The tower is not designed to be lifted or suspended as a complete structure.
- It is recommended that tower left unattended are always tied in. Always install the trapdoor platform over the Ladder frame (if one is fitted)
- When wind exceeds beau fort force 4, cease using the tower, wind speeds:-

Force	Peak MPH	Peak KPH	Guidance
4	18	29	Moderate breeze- Wind raises dust add loose paper.
6	31	50	Strong breeze- Difficult to use umbrella.
8	46	74	Gale force-Walking is difficult.

When wind is expected to reach force 6, tie tower to a rigid structure. If wind of 8 or greater is forecast dismantle the tower.

Care and Maintenance of the tower

- Keep all equipment clean, specially spigots where frames are connected together, please check that spigots are firm in to position and should fit easily into frames. Lubricate with light oil.
- All components should be inspected before use to ensure that they are not damaged or broken, particularly the welds.
- Any damage to any part particularly tubular member, castors, platform decking must be replaced.
- Do not strike or hammer components.
- Adjustable leg threads should be cleaned and lightly oiled to keep them free running.
- All locking claws should be cleaned and the locking mechanism checked for operation. Lightly oil spring mechanism of the hooks.
- Store the components in a safe place and do not throw the components, always lower them to the ground.

- If paint gets on the scaffold, it can be removed with turpentine.
- Electrical devices (drills, etc.) may only be operated on the scaffold with protection low voltage (48V), with protective isolation (separation transformer). Work on or in the proximity of unprotected live systems, may not be carried out using the scaffold if there is voltage in the system component.
- The system components are not isolated against adjacent live parts.

Dismantling Towers

- To dismantle follow the build process but in reverse order, noting the following.
- To remove the guardrail frames or braces first unlock the hook at the end away from the trapdoor. Sitting through the trapdoor, unlock the near end hook and remove the brace.
- Never stand on unguarded platform
- Do not remove diagonal brace and stabilizers prematurely.
- Never Drop components when dismantling always lower them to the ground.

Moving MAT

- Check that there are no power lines or the obstruction overhead.
- Wind speed should not exceed 29 km/hr (force 4)
- When moving a tower, reduce the height to a maximum of 4mtr.
- Release the caster brakes.
- Raise the stabilizer feet only enough to clear obstructions.
- Ensure there is no material or personnel on the tower.
- Move the tower manually by applying force at the base. Once moved, prepare the tower for use.
- Check the route is firm, level and free from potholes.
- Check all casters and stabilizers are in firm contact with the ground. Reapply the brake.
- Check tower is vertical (spirit level) and adjust legs if required.
- Always move the platform lengthwise or diagonally to ensure maximum stability.

Greasing the moving parts

Grease all moving parts (spindle, swivel castor bearing and catches) with commercial oil. For use in the winter, use low viscosity oil. Wipe off excess oil.

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 should not be thrown.

3 T SAFETY STANDARD – THROUGH THE TRAP

Always install the trapdoor platform over the ladder (if one is fitted). Ensure the trapdoor hinges opens to the outside of the tower (not the center).

Once the platform has been installed, climb using the approved method and sit on the trapdoor opening. While seated, attach horizontal braces to the frame to form guardrails from both the sides of the platform. Two braces are normally required each side, only then platform is fully guarded and is safe to stand up.

Scaffold Inspection

To prevent the use of incorrectly erected or damaged mobile access towers, they must be inspected by a competent person. This is someone with the experience, knowledge and appropriate qualifications to enable them to identify any risks that are present and decide upon the measure required to control the risks.

Inspections of the scaffold components

If a defect is discovered, the defective part shall not be use any longer.

Slip-in frame / chassis beams
• Check for deformation, crushing and crack formation.

Braces (diagonal / railings)
• 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 trapdoor if properly functioning.

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 by rolling the basic frame.
• For swivel castors with height adjuster, also check that height adjuster can move freely.

Safety springs
• Check for deformation, crushing, crack formation and tight fit.

It must be inspected:
• After assembly in any position.
• After any event liable to have affected its stability and
• At intervals not exceeding seven days.

Inspection must be recorded on a scaffold inspection tag.

Stop working if the inspection shows it is not safe to continue, and put right any faults.

PROTECTING THE PUBLIC
When towers are used in public places, extra precautions are required.

• Erect barriers at ground level to prevent people from walking into the tower or work area.
• Minimize the storage of materials and equipment on the working platform.

*** Antislip Plywood EN13986 : 2004**

CHEMICAL COMPOSITION & MECHANICAL PROPERTIES OF ALLOYS

CHEMICAL COMPOSITON	ALLOY - 6061
Mg	0.80 % - 1.20 %
Si	0.40 % - 0.80 %
Cr	0.04 % - 0.35 %
Zn	0.25%
Fe	0.70%
Cu	0.15 % - 0.40 %
Mn	0.15%
Ti	0.15%
Others (each)	0.05%
Others (Total)	0.15%
Aluminium	Remainder

MECHANICAL PROPERTIES		ALLOY - 6061
Ult. Tensile Strength	N/mm²	280
0.2 % Proof Stress	N/mm²	240
Hardness (Brinell)	BHN	90
Elongation on 50mm	%	8
Density g/cm³		2.7
Modulus of Elasticity	N/mm²	69000

SAFETY & COMPLIANCE

Working safely at heights involves various risks. In many countries, strict rules apply to professional use.
This makes sense, because the material is used intensively. Below follows an explanation of the most important standards and other information.

EN1004

The current European standard for rolling towers is the EN1004. This standard makes more demands of the rolling towers than the expired standard HD 1004. Our rolling and folding towers comply to EN 1004 standard and are equipped with the required strength and stability calculations.

EN 1298 and extensive manual assembly and use

It is recorded in European standard EN 1298 which requires the manual for assembly and use of scaffold have to follow this standard. We place great importance on the safety of its product in use. The extensive manual assembly and use of scaffolds are drafted in conformity with EN1298.

EN131

The EN131 is the European standard for ladders, folding ladders and steps.

With our main concerns being quality and safety, all our products comply with the relevant British and European Standards.

Our products and systems are premium quality and are designed to meet the highest safety standards. Our complete product range is manufactured in compliance with national & international technical standards including EN1004, The Work at Heights Regulations, and OSHA.

Warehouse Ladder

Warehouse Ladder, comes in handy when you need to carry bulky items up and down on a ladder. With the stair type ladder you are able to climb safely toward and away from your ladder. Handrails are placed on the side as well as on the top, for user safety and stability. Casters are built in providing mobility for your ladder. You can get rolling warehouse ladders with steps ranging from 4 steps to 16 steps with treads on every step.

WAREHOUSE LADDER
2mtr PLATFORM HEIGHT

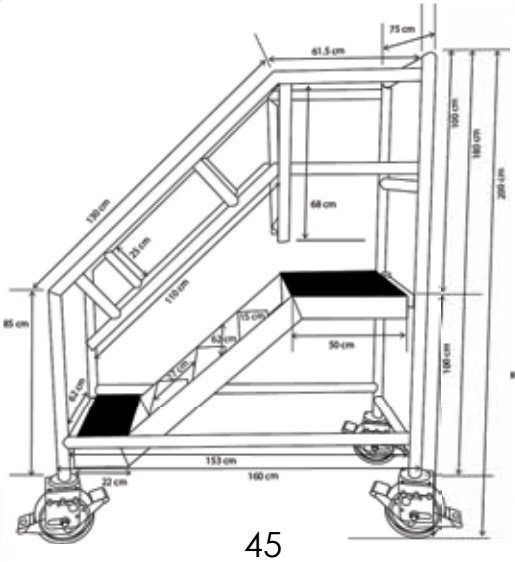
Materials

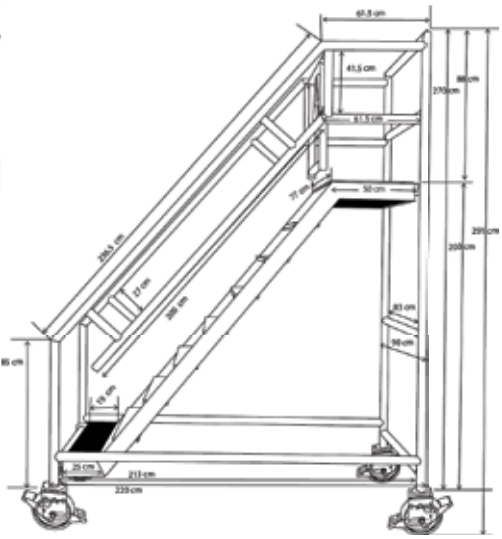
Warehouse ladders are manufactured of Aluminium Profile. The main advantage of aluminium over the steel is, it weighs less, and aluminium doesn't corrode like steel and can be used in food processing and chemical plants.

- Ideal for high frequency stock picking applications
- All welded construction
- Wide treads for superior durability
- 90 cm high hand rails on 3 sides to meet Work Cover requirements
- Safety gate included as standard
- 150kg Heavy Duty Industrial Load Rating
- Non- marking caster. Movable with dual pedal brake mechanism.
- Light weight and strong.

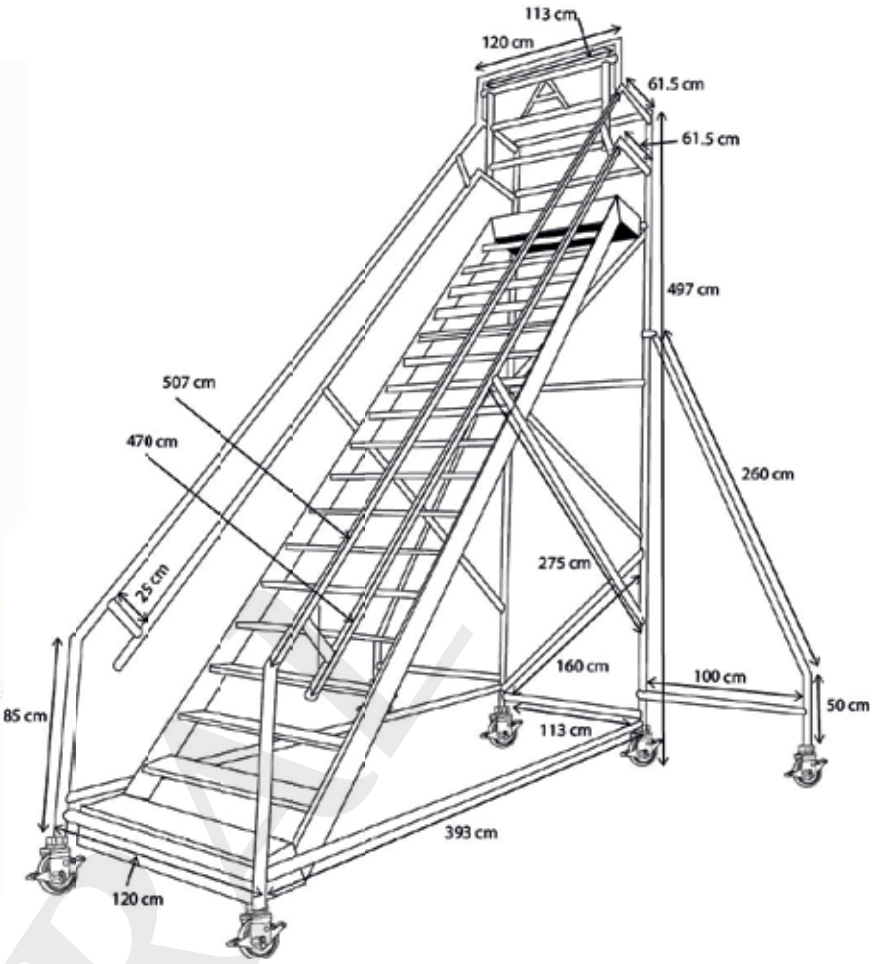
Step Interval	Plat Dimension (cm)	Plat to Top Height / Guardrail Height	Product Code	No. of Treads	Overall Height	Platform Height	Length	Overall Width	Product Weight	Step Depth
20 cm	62 x 50	100 cm	**FG-WL-00001**	4	2m	100 cm	160 cm	75 cm	47.5 kg	15 cm
20 cm	77 x 50	90 cm	**FG-WL-00002**	8	2.9m	203 cm	220 cm	90 cm	64 kg	15 cm
20 cm	105 x 50	96 cm	**FG-WL-00003**	18	5m	401 cm	400 cm	120 cm	152 kg	15 cm

WAREHOUSE LADDER
1mtr PLATFORM HEIGHT

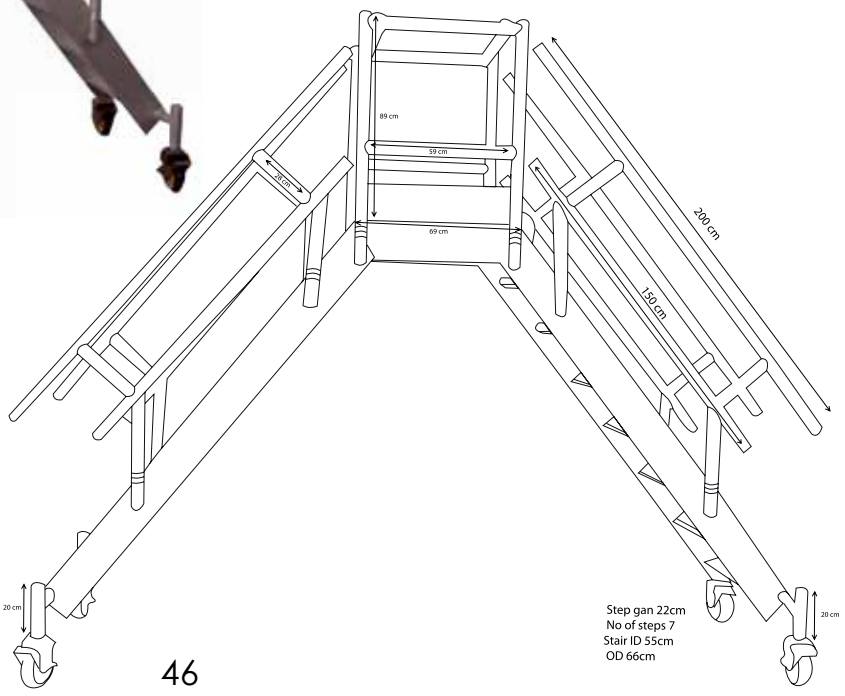




WAREHOUSE LADDER
PLATFORM HEIGHT



DUAL SIDED WAREHOUSE LADDER



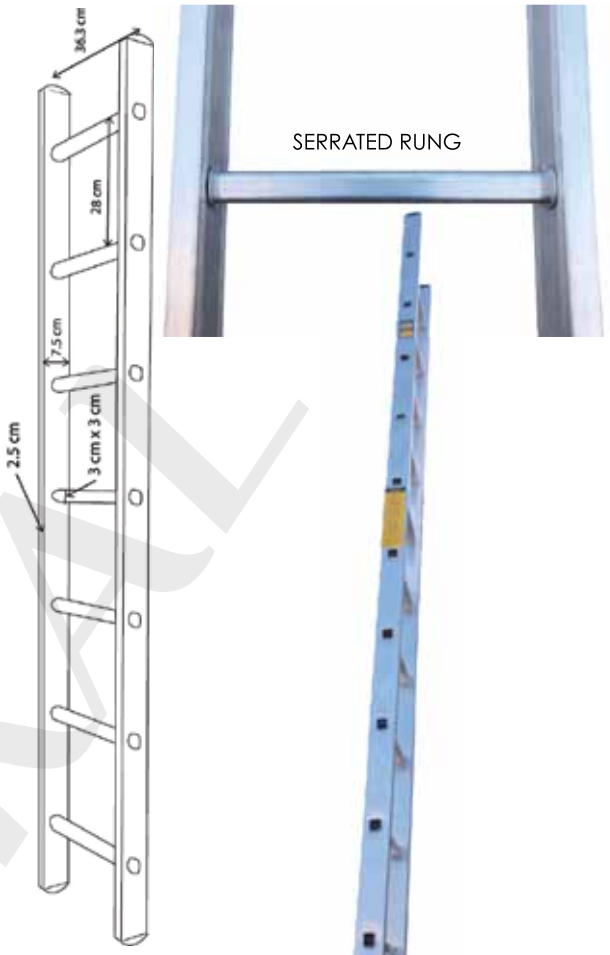
SINGLE POLE LADDER

SQUARE RUNG DESIGN - Square shaped rungs with textured surface provide comfortable stepping. Anti slip traction tread steps.

Lighter and stronger stile (channel) – Box channel of closed profile design provides higher resistance and strength.

Rubber ladder shoes – Semi circular shaped, rubber shoes serrated design provide great adaptation to different work requirements where higher grip is always guaranteed.

Rigid designed rung – stile assembly cold formed neat and rigid rung to stile assembly results in better durability.

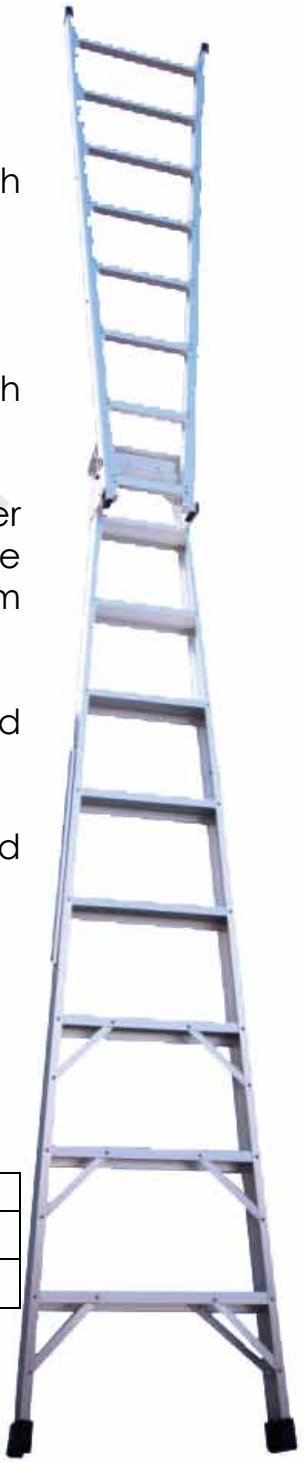


STRAIGHT / SINGLE POLE LADDER PRODUCT SPECIFICATION

PRODUCT CODE		FG-SPL-00001	FG-SPL-00002	FG-SPL-00003	FG-SPL-00004	FG-SPL-00005
NO. OF RUNGS		7	10	14	17	21
HEIGHT	CM	200	300	400	500	600
	FT.	6.56	9.84	13.12	16.4	19.68
STEP INTERVAL	CM	28	28	28	28	28
	FT.	0.91	0.91	0.91	0.91	0.91
WEIGHT		3.95 kg	5.55 kg	7.45 kg	9.1 kg	10.9 kg
LADDER WIDTH	CM	36.3	36.3	36.3	36.3	36.3
	FT.	1.19	1.19	1.19	1.19	1.19

Technical Feature:
Box Section of 7.5 cm x 2.5 cm
Serrated Square Rungs 3 cm x 3cm

A TYPE LADDER 2 IN 1 STEP LADDER



Dual side ascendable – Double sided ascendable design provides high productivity.

Rigid steps – corrugated shape design steps adds extra strength for safer ascending and descending.

Multi riveted profile steps ensures more safety.

Heavy duty spreader – spreader is employed to guarantee high level of stability and safety.

Rubber shoes – designed to withstand hot and humid weather condition, ensures high level of grip. Whenever ladder is in use high grip rubber shoes with textured shape provide maximum traction.

Sturdy hinge – Sturdy hinge design ensures excellent strength and durability.

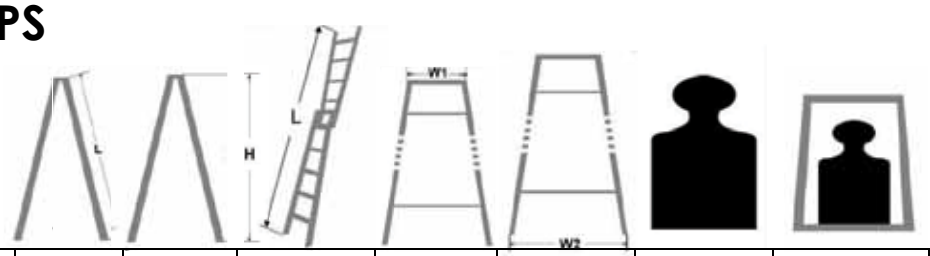
Broader Steps – with 8 cm serrated steps well exceeds BS Standard specification provide extra stepping comfort and safety.
Convertible ladder – Conversion to long straight ladder in seconds where access to higher places is required.

SPECIFICATION

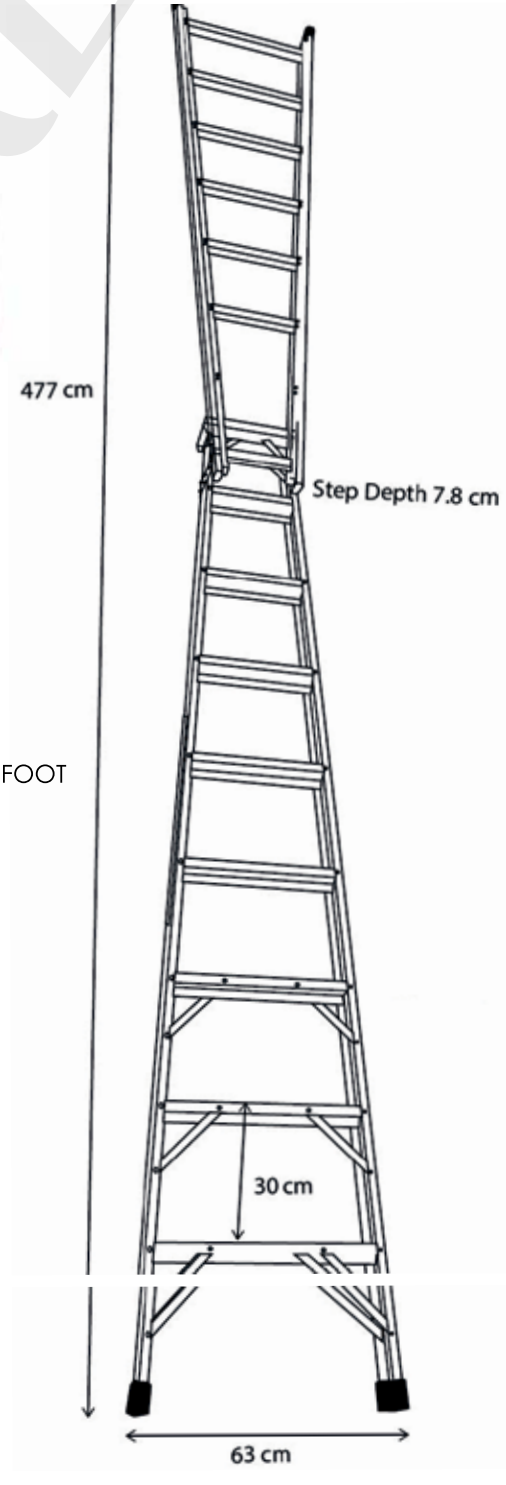
Tube	7.7 cm Wide U channel
Step Depth	7.8 cm
Step Interval	30 cm

A LADDER HINGES

STEPS



STEPS	LENGTH	HEIGHT	LENGTH (OPENED)	TOP WIDTH	BOTTOM WIDTH	SELF WEIGHT	CAPACITY	PRODUCT CODE
4	119 CM	107 CM	183 CM	33 CM	42 CM	4.3 KG	150 KG	**ATL-00001**
5	147 CM	134 CM	242 CM	33 CM	45.5 CM	5.2 KG	150 KG	**ATL-00002**
6	177 CM	162 CM	301 CM	33 CM	49.5 CM	6.2 KG	150 KG	**ATL-00003**
7	207 CM	190 CM	360 CM	33 CM	53 CM	7.2 KG	150 KG	**ATL-00004**
8	233 CM	219 CM	418 CM	33 CM	58 CM	8.9 KG	150 KG	**ATL-00005**
9	267 CM	247 CM	477 CM	33 CM	63 CM	10.4 KG	150 KG	**ATL-00006**
10	295 CM	275 CM	530 CM	33 CM	67.5 CM	11.8 KG	120 KG	**ATL-00007**
12	353 CM	335 CM	624 CM	39 CM	74.5 CM	15.2 KG	120 KG	**ATL-00008**



STEP UP

MULTI-PURPOSE LADDER

Designed for wide range of application demand from household to DIY works. Configurable working mode with quick transformation hinge. One ladder does it all!!!

- **Quick Folding Mechanism: –**

Provides high speed transformation and rigidity eliminates conventional spreader.

- **Multi Application: -**

Wide range of application. Ladder can be formed into A Frame, Step Straight Ladder, Work bench, stairwell ladder, and up to 10 different configurations. When folded, it is compact enough to be stored or transported with ease. Provide stability and versatility for the most demanding jobs.

- **Sturdy Design**

Rigid box section stiles provide superior strength, spreaded legs provide better stability, serrated anti-slip square rungs complete the rigid structure construction.

- **Rubber Shoe**

High grip unique profile design ensures highest level of grip on all forms of functional mode.

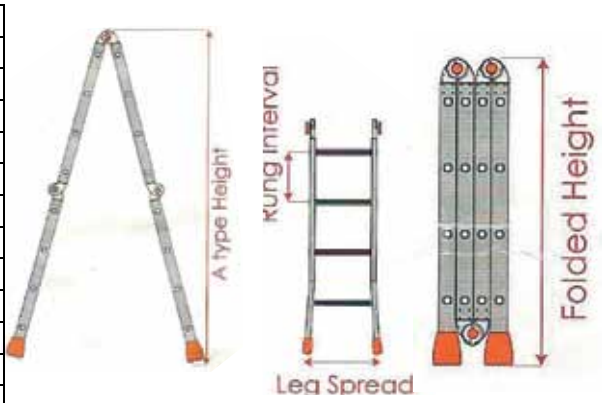
Specifications:

Load Capacity - 150 kg
Type - Type 1 A Duty rating
Material - Aluminium
Step Difference - 28 cm
Width - 36.3 cm
Tube - 63 cm x 2.5 cm
Spreader bars for additional stability 3 year warranty

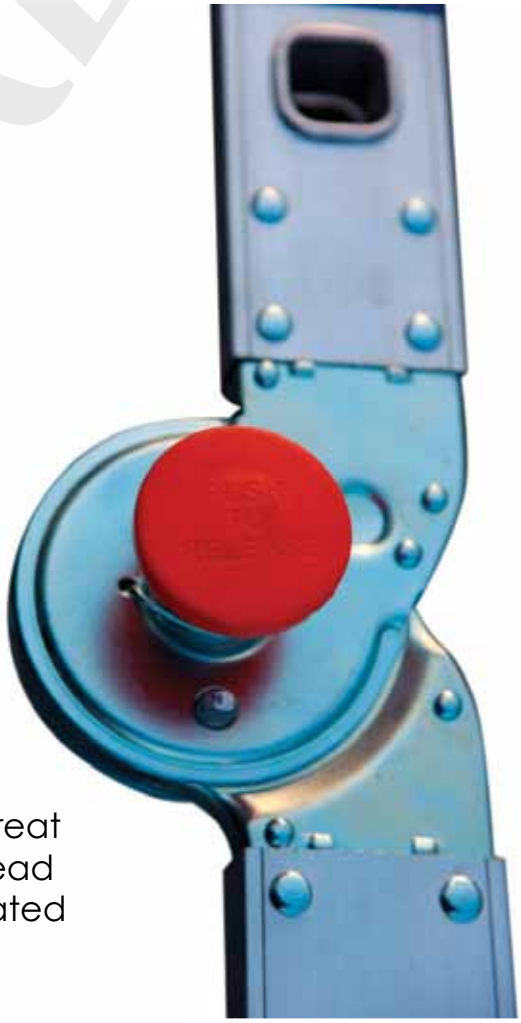
Rubber Shoe

Ensures highest level of grip on all forms of functional mode.

Product Code		MPL-00001	MPL-00002	MPL-00003	MPL-00004	MPL-00005
No. of Rungs		8	10	12	14	16
A' Type Height	cm	126	154	180	210	235
	ft	41.33	5.05	5.9	6.88	7.7
Rung Interval	cm	28	28	28	28	28
	ft	0.91	0.91	0.91	0.91	0.91
Leg Spread	cm	53	53	53	53	53
	ft	1.73	1.73	1.73	1.73	1.73
Extended Length	cm	257	314	370	428	453
	ft	8.4	10.3	12.1	14	14.8
Folded Height	cm	75	104	104	135	135
	ft	2.46	3.41	3.41	4.42	4.42
Weight	kg	9.14	10.05	10.98	12.15	12.80
	lbs	20.15	22.15	24.20	26.78	28.21



Easier and faster
than Conventional
locking system



LADDER LOCKING MECHANISM

Sturdy Structure
Rigid box section stiles Provide great strength, spreadout on wide spread legs provide better stability, Serrated square rungs Provide better grip.

Max Static Load : 150 kg

General Ladder Safety

If ladder is used properly and according to safety guidelines, it will give many years of trouble free service. However, if proper cautions are not taken, a ladder can be involved in an accident. Please read and follow all instructions and labels accompanying each ladder.

Two factors that deserve particular attention are proper ladder selection and electrical shock precautions:

Pay close attention to the Duty Rating of the ladder and the combined weight of the user and materials. Be aware of wires, electrical devices and live electrical circuits. Metal ladders conduct electricity and can create a danger of electrocution. Failure to read and follow instructions regarding electrical safety could result in serious personal injury or death.

Inspection Before Each Use

1. Inspect upon receipt and before each use. Never climb a damaged, bent or broken ladder, all working parts must be in good working order.
2. Make sure all rivets and joints, nuts and bolts are tight; feet, steps and rungs are secure; spreaders and pail shelf function properly (on step ladders);
3. If you are in poor health, subject to fainting spells, have physical handicap that would impair your climbing ability, or if you are under the influence of any drugs or alcohol (including legal drugs that may cause drowsiness), you should not use a ladder.
4. Do not use in high winds or during a storm.
5. Stay focused on safety whenever you are on the ladder, and keep your body weight between the rails.
6. Straight, Single or extension ladders should be set up at above a 75° angle.

Proper Care & Storage of Ladders

1. Store ladders in a safe, dry place.
2. Properly secure and support ladders while in transit.
3. Keep ladders clean and free of foreign materials.
4. Never store materials on ladders.
5. Regularly clean and lubricate the ladder's moving parts. Clean the rungs and steps.

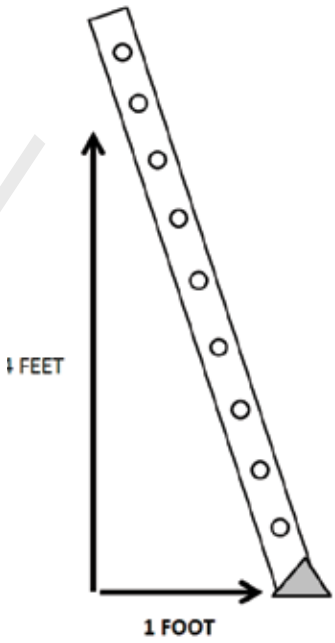
Ladders – Proper Set Up

1. DANGER! Metal Conducts Electricity! Do not let ladders of any material come in contact with live electrical wires.
2. Make sure ladder is fully open, spreaders secure, and pail shelf in position.
3. Place on firm level surface with a secure footing. Do not use on slippery surfaces. Do not place on boxes, unstable bases or scaffolds to gain additional height. Do not place in front of door opening towards ladder.

Ladders – Proper Climbing & Use

1. Face ladder when climbing up or down, keep body centered between side rails.
2. Maintain a firm grip. Use both hands in climbing.
3. Never climb a ladder from the side unless ladder is secure against side wise motion, nor climb from one ladder to another.
4. Do not over reach, move ladder when needed.
5. Do not walk or jog ladder when standing on it.

6. Do not stand, climb or sit on ladder top, pail shelf, braces, or back section.
7. Do not overload, ladder is meant for one person. Do not use as a platform or plank.
8. Keep ladder close to work, avoid pushing or pulling off the side of ladders.
9. Clutter around the base of the ladder should be removed from the working area by setting up traffic barrier.
10. Block off the area of work.
11. When using ladder for access to roof, extend top 3 feet above roof edge. Tie or secure top from movement.
12. Only one person at a time should climb a ladder.
13. Maintain a 3 point contact with ladder.
14. Do not connect two ladders to each other.
15. Never leave a ladder set up unattended.
16. Never allow children to climb a ladder.
17. Keep shoes clean, leather soles should not be worn.
18. Do not climb, stand or sit above three steps from top.
19. Do not walk of shift ladder while on it, ask someone to keep ladder base from slipping.

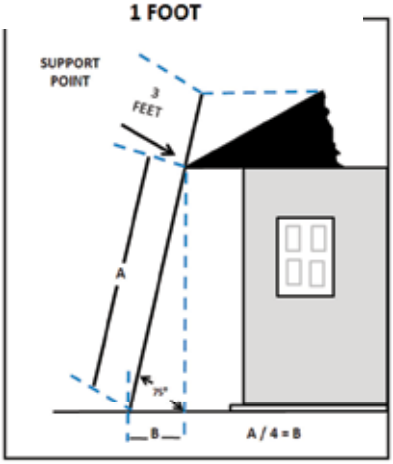


USE THE RIGHT LADDER:

LADDERS ARE CLASSIFIED AS BS 2037 / BS 1129 CLASS 3 FOR DOMESTIC USE AND SHOULD NEVER BE USED IN ANY WORKPLACE. EN131 is for trade and light industrial use and BS2037 / BS1129 CLASS 1 FOR HEAVY DUTY AND INDUSTRIAL USE.

USE THEM SAFELY

Make sure you have a ladder high enough to do the job. Position it correctly at the right angle and tie it in whenever possible. Do not over reach – your belt buckle should always be inside the sides of the ladder. Be specially careful when carrying out tasks that apply unbalancing load, such as drilling.



PLAN AHEAD

Make sure the work is correctly organized and planned. Remember, you also need to anticipate that every thing will not go according to plan so make alternative arrangement.

DUTY RATING

A ladder's duty rating tells you its maximum weight capacity. There are 5 categories of duty rating.

TYPE IAA – These ladders have a load capacity of 375 pounds. Type IAA Ladders are recommended for extra heavy duty use.

TYPE IA – These ladders have a load capacity of 300 pounds. Type IA ladders are recommended for extra heavy duty use.

TYPE I - These ladders have a load capacity of 250 pounds. Type I Ladders are manufactured for heavy duty use.

TYPE II - These ladders have a load capacity of 225 pounds. Type II Ladders are approved for medium duty use.

TYPE III – These ladders have a load capacity of 200 pounds. Type III ladders are rated for light duty use.

SCAFFOLD FAQ'S

What is meant by competent person?

A competent person is generally defined as someone who has the right level of experience, knowledge and appropriate qualifications that enable them to identify the risks arising from a situation and the measures needed to be taken to prevent harm.

Is the scaffold strong enough for the loads?

Stonemasons, concreters and demolition workers need heavy duty scaffolds which can safely support up to 675 kg per platform per bay. Carpenters and general trades may need at least medium duty scaffolds which can safely support up to 450 kg per platform per bay. Light duty scaffolds are limited to 250kg per platform per bay. In estimating loads on scaffold platforms, a person is assumed to weigh 80 kg. Check the supplier's information for the type of scaffolding systems you are using.

Does the scaffold protect the workers and other people?

Platform should be secure against uplift. Platforms should be fully decked across their full width and free of gaps. All platforms higher than 2 metres should have guardrails, mid rails and toe boards fixed to each open side and end. hey must not overload the platform or store material in a dangerous way. Clear access should be maintained along the full length of platform. They should not climb on guardrails to get extra height. They should not make scaffold unsafe by removing guardrail or ties.

What is product test?

Product test is basically a snapshot showing that a specific sample of the product passed a certain test on a given day which applies to that particular sample on that particular day alone.

What is product certification?

Certification is independent third party confirmation that the products and systems meet and continue to meet appropriate standards, and it ensures that the product complies with the prevailing standards, which are themselves subject to revision.

How would you characterize your approach to the testing and certification process?

Our philosophy is that you should examine the company's manufacturing process as well as its individual products. Testing an individual product does not guarantee the overall production process.

How important is a notified body for a manufacturer?

Absolutely essential. As a manufacturer, there is always the danger of developing tunnel vision. You need an independent third party, which objectively looks at your products and design process.

How soon can I receive my products after placing the order?

Most orders are dispatched the next day after receiving order. Allow extra delivery time for far locations.

How do I know if a ladder is strong enough to support me?

Check the duty rating label on the side of the ladder. If label is missing, contact the ladder distributor.

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