

STEP UP

JUMBO

SNAPPY



EASE UP

HOP UP

QUIKR





Chairman's Message

The highly professional, sincere and reliable Ascend Team has empowered, Ascend Brand to achieve unprecedented success, driving business growth beyond leaps and bounds for the past many years in this highly competitive and challenging market. Currently supplying our Access product to most of the Middle east, Gulf and African Nations and envision to expand our market base from Mena region to important Asian and European market. Prompt and accurate services to the customer is our key strength. Ascend stands out with constant innovative product development & placing the same in the market as well as maintaining the status of highly competitive Access product suppliers in the region without compromising in any practiced International safety standard. We sincerely thank to all our Customers, Agents and Distributors for their constant support and Keeping their faith in us.



SHADAB AHSAN

Founder & C.E.O

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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



certificate

This is to certify that

ASCEND ACCESS SYSTEM SCAFFOLDING LLC

is a member of PASMA

for the year **2017**

and is helping to advance
safety and standards in the
mobile access tower industry


PASMA Chairman

Membership Category(s) **TRAINING MEMBER**

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Certificate of Membership Piv 5 00/15



REGISTERED TRAINING CENTRE

Certificate

ASCEND ACCESS SYSTEM SCAFFOLDING LLC

Has successfully met all the sections of the
criteria to become a

PASMA APPROVED TRAINING CENTRE

NAD AL HAMAR,

DUBAI, 182519 DUBAI

and are therefore licensed to carry out
PASMA APPROVED TRAINING COURSES
at the said premises



PASMA DIRECTOR

10TH OCTOBER 2017

Date Issued

832

Certificate Number

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Approved Training Centre Certificate Rev 2 03/10



CERTIFICATE

OF
REGISTRATION

This is to certify that the management system of

Ascend Access Systems Scaffolding L.L.C

PO.Box: 182519, Nad Al Hamar, Dubai, United Arab Emirates.

has been assessed and registered by
Veritas Assurance International as conforming to the requirements of

OHSAS 18001:2007 Occupational Health & Safety Management System

The Occupational Health & Safety Management System is applicable to

**Fabrication, Supply & Installation of Light and Heavy Scaffolds,
Manufacturing of all types of Scaffolds Accessories & Ladders,
Scaffolds Maintenance and Repair Works and Scaffolds Renting Services.**

Certificate No : 321184

Original approval date : 05 - 04 - 2018 | Certificate issue date : 05 - 04 - 2018 | Certificate valid till : 04 - 04 - 2021

1st Surveillance due before : 04 - 04 - 2019 | 2nd Surveillance due before : 04 - 04 - 2020


Authorised Signatory
Veritas Assurance International



Accredited by United Accreditation Foundation (UAF) - Full Member of IAF
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ISO 9001:2015 Quality Management System

The Quality Management System is applicable to

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About us

ASCEND ACCESS SCAFFOLDING LLC established in the year 2006 is manufacturing and sales of all types of Movable Aluminium Scaffolding, Industrial and DIY (Do It Yourself) Ladders.

With a keen eye for safety, durability and simplicity ASCEND now is continually expanding its range to maintain as leading designer, manufacturer, and supplier of access equipment.

As a leader in this industry with its largest inventory in the business, the company is well positioned with compelling unique offers and services that are not limited to local and export sales, customization, engineering, and alteration. All these translate the ability to meet and tailor to a variety of different needs and to adapt at any time.

Factory is equipped with state of the art machineries with latest, updated technology fully precision and automatic machines mostly from Italy and France. The complete automation of our production department makes it possible to maintain premier quality standard an essential characteristics of our company.

The products are developed by sincere professional with experience and expertise, people who understands what the customer's need, to work at height safely and comfortably. Naturally, always keeping in mind the basic requirements of the existing standards and regulations.

As a trusted company in this growing market, ASCEND has dedicated itself to build a respectable brand that is known for its fast delivery time, uncompromising product quality, competitive price positioning and the drive to shoot for excellence.

Ascend towers are ideal for indoor and outdoor access solution where a stable and secure platform is required. These towers provide strong working platform at various height. The towers are supplied ready to erect. Our scaffolding towers are constructed out of strong Aluminium alloy tubes (extruded to british standard).

Ascend Philosophy

At ASCEND, we believe working at height should be safe & easy. Whether it is maintenance work or cleaning windows at height.

Everybody everywhere should be absolutely safe whilst working at height. People working at height should be able to completely trust on safety and reliability of the equipment they are working with.

Every step of the product life cycle from design through maintenance, is performed according to the highest safety standard. Only if our product exceed all requirements then they are good enough to be dispatched.

The risk of incorrect uses is extremely less because they are so user friendly, this is the reason that we hold a zero accident track record.

Our Strength

Since establishment, we have fruitfully met the requirements of our clients. Our company has been highly honoured for it's transparent deals. We make great effort to sustain amicable association with our clients.

Our main concern has always been in achieving paramount customer satisfaction.

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.

Projects We Supplied

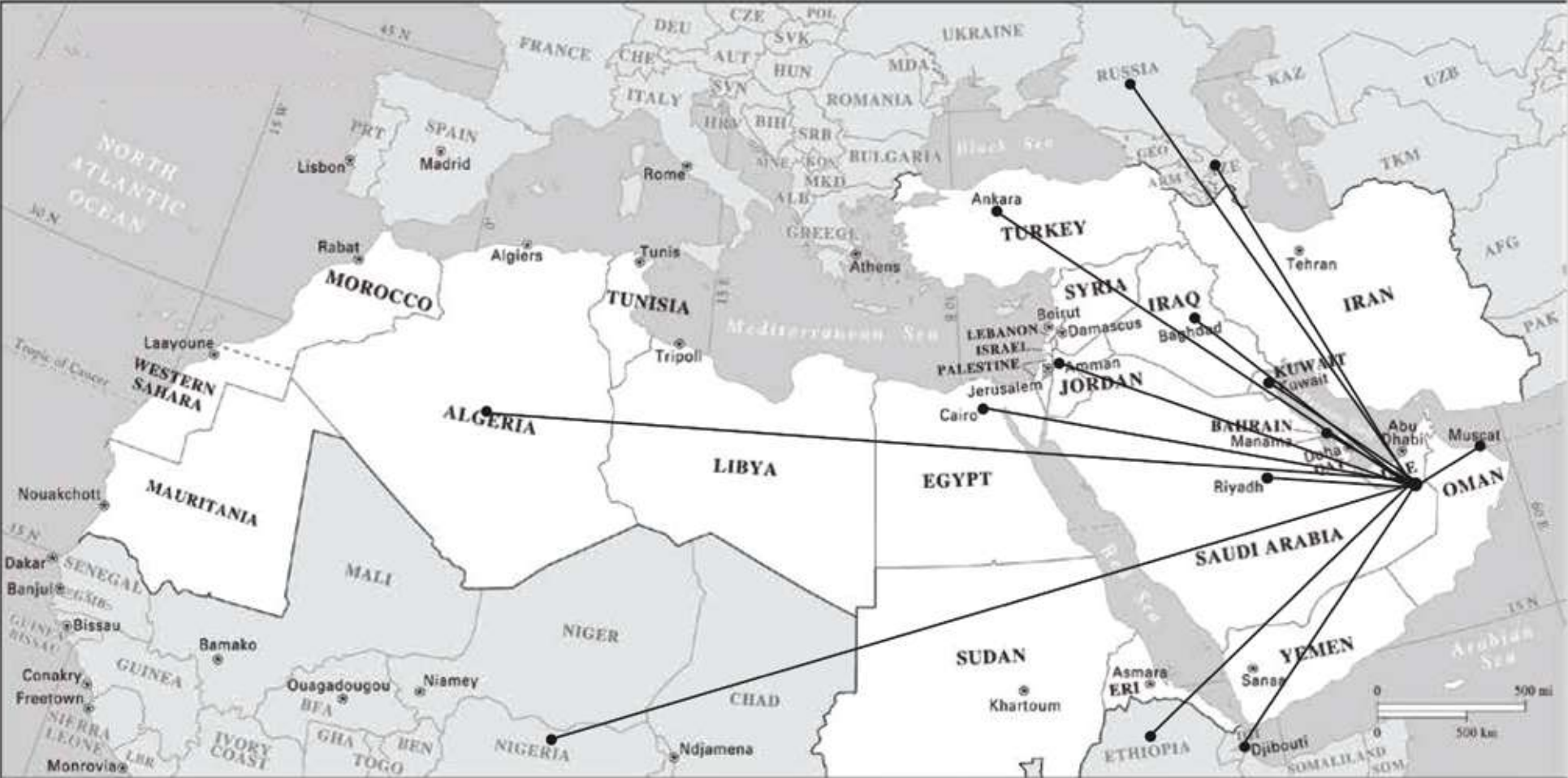
Major projects where we supplied scaffolding and ladders recently

- FUTURE MUSEUM
- IMG THEME PARK
- WARNER BROTHERS THEME PARK
- BOLLYWOOD THEME PARK
- ABU DHABI MIDFIELD TERMINAL
- LOUVRE MUSEUM
- EXPO 2020
- ATLANTIS HOTEL
- W HOTEL
- BLUE WATER PROJECT
- DUBAI WORLD TRADE CENTRE
- HABTOOR CITY
- MOHAMMED BIN RASHID CITY
- DUBAI METRO
- HOSPITALS: CLEVELAND CLINIC ABU DHABI
AL JALILA HOSPITAL
and Many More.



Our Current Market

We are supplying our products currently to following markets:



Product & Factory Overview



ALUMINIUM & WOOD CUTTING SECTION





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 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.

ASCEND's unrivalled stock levels of both finished goods and raw materials, means we can respond to any big orders in shortest duration



Scaffold Tower Features

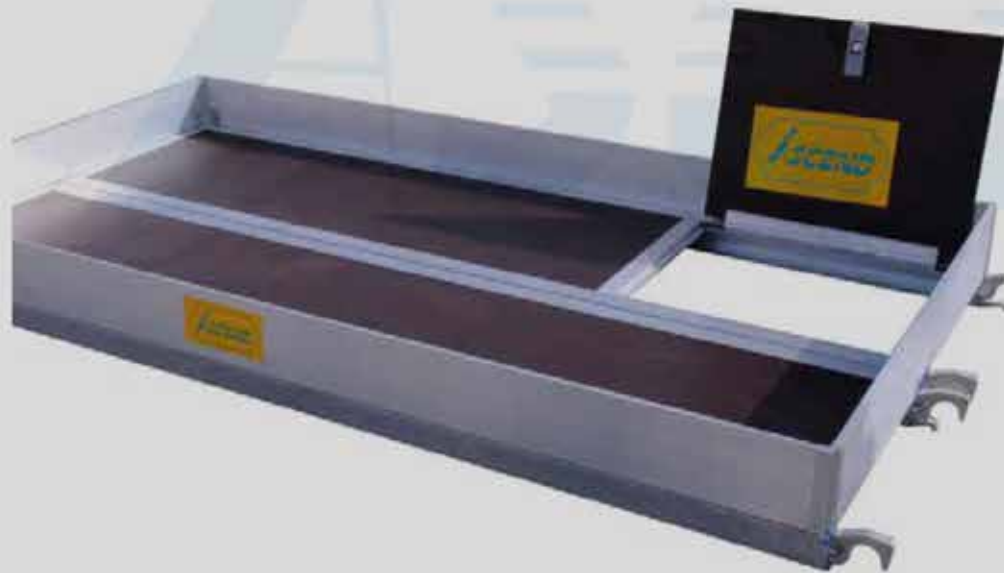


Industrial ladder in ladder frames with 28 cm easy climb rung spacing, welded to the frame.



EN STANDARD WHEELS

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



Work platform is made of Anti-slip plywood. It is made of Aluminium frames all around the plywood for correct fitting of toe board. Platform has windlock safety system to hold the tower from accidental lift.



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 strengthened to make it shock resistant.

Crimping of Brace - All side Crimping to resist tension and torque loads.



2.5mm Thick Tube



Ribbed rung tubing for increased grip.

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



Transportation and handling cost is reduced because of their light weight.



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.

RAPID TOWER

Double Width Span 50 Ladder Frame Mobile Tower

Span 50 Double Width Mobile Tower is ASCEND's most popular mobile scaffolding, available in 140 cm wide frames.

This system has numerous application for both interior and exterior use.

Width available 120 cm, 140 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



2 MTR PLATFORM HEIGHT

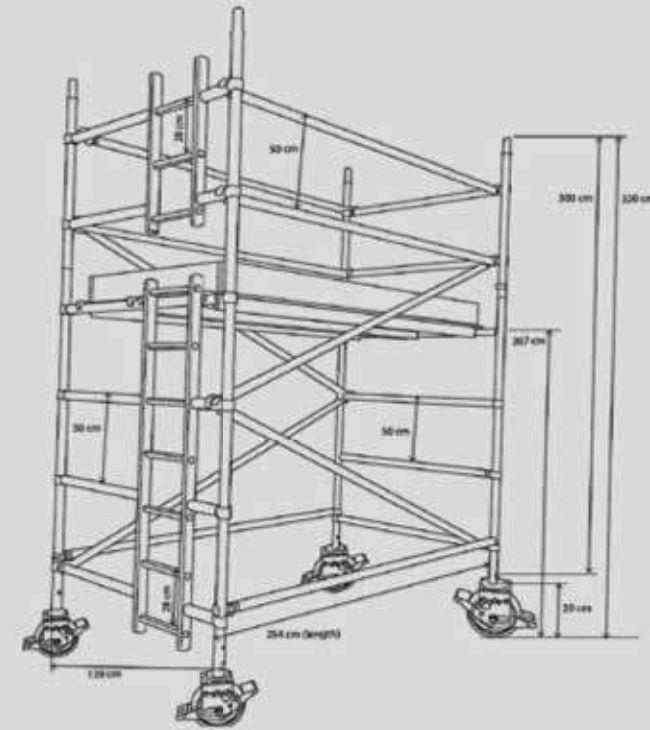


4.5 MTR PLATFORM HEIGHT

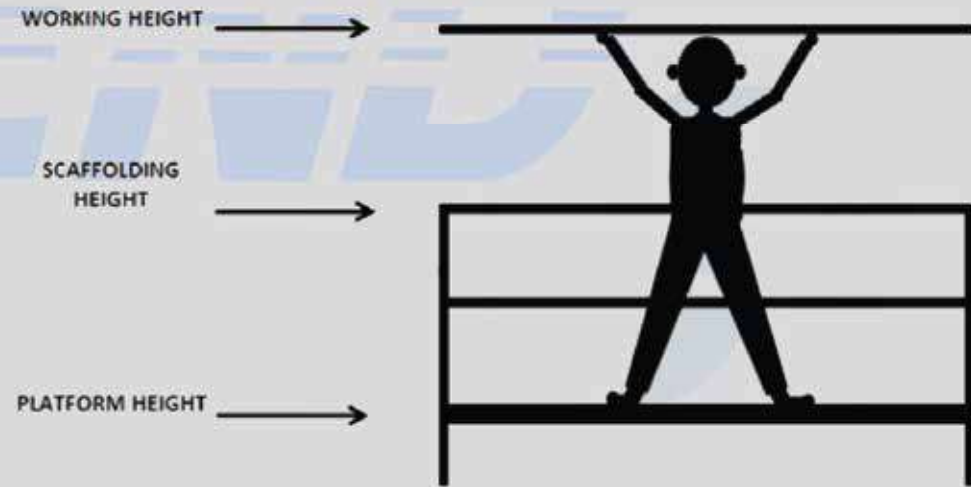


PLATFORM WITH WIND LOCK

- Technical Feature:
 - Adjustable leg up to 30cm
 - Working Platform (140 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



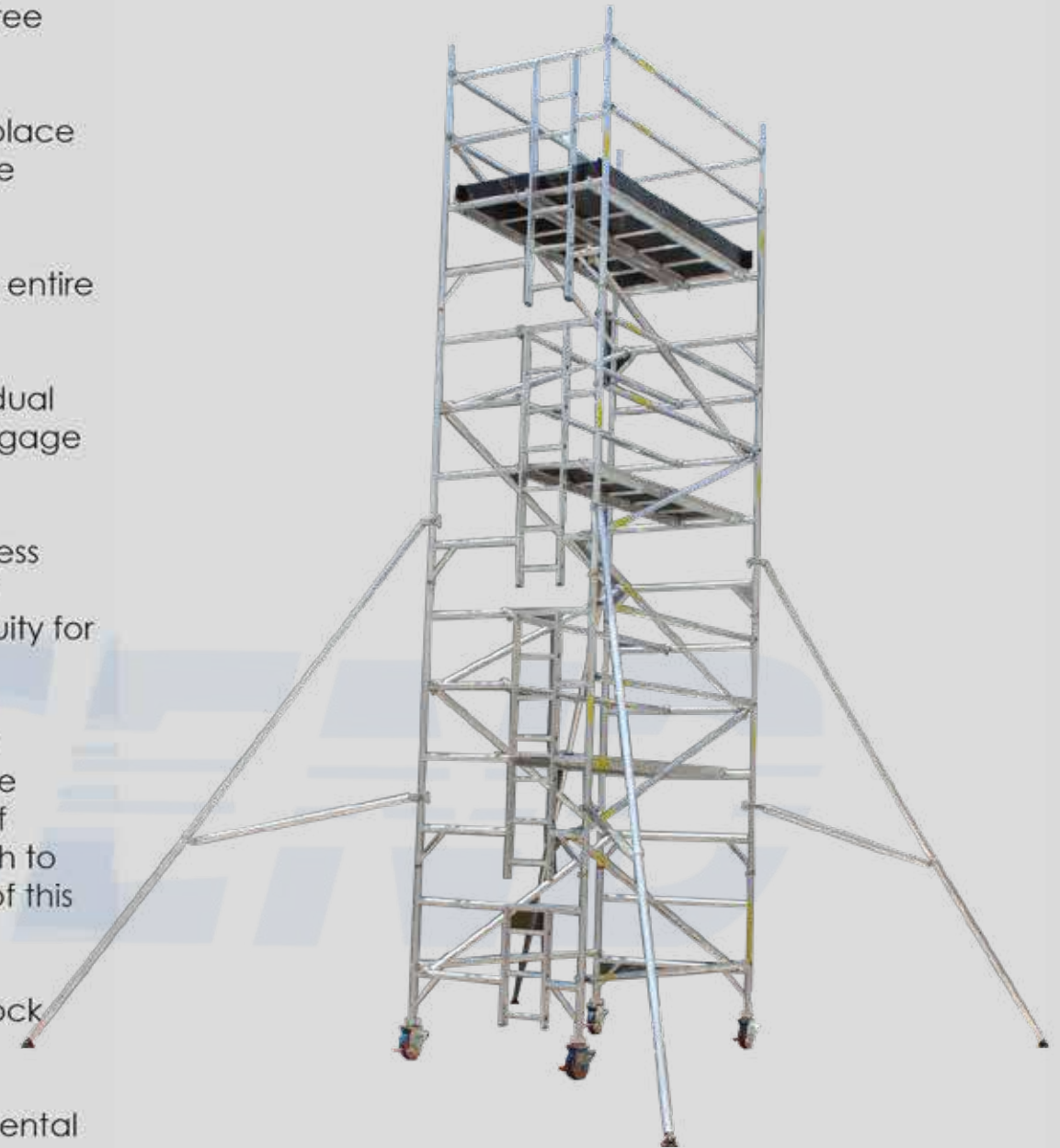
TRAPDOOR LOCK



- 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.



6.0 MTR PLATFORM HEIGHT

JUMBO TOWER

Advanced Guardrail Scaffold

Introducing new advanced Guardrail from Ascend. 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 dismanthng of the mobile access tower.

Width available 140 cm.

Mainframe height available 1.5mtr and 2mtr

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

- Technical Feature:
 - Adjustable leg up to 30cm
 - Capacity – 200kg / sq m
 - Rung Distance – 50 cm
 - Aluminium Alloy – 6061 T6
 - Frame Tube Thickness – 2.5mm
 - Platform – Anti slip Plywood with Aluminium Frame



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

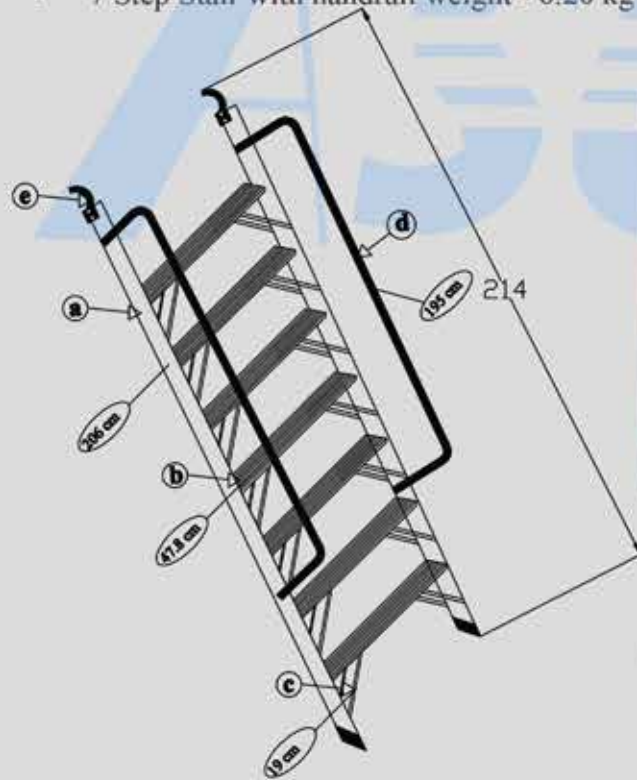
Double Width Span 50 Scaffold with Inclined Steps

Width available 140 cm.

Mainframe height available 1.5mtr and 2mtr

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

- Technical Feature:
 - Adjustable leg up to 30cm
 - Capacity – 200kg / sq m
 - Rung Distance – 50 cm
 - Aluminium Alloy – 6061 T6
 - Frame Tube Thickness – 2.5mm
 - Platform – Anti slip Plywood with Aluminium Frame
 - 7 Step Stair with handrail weight - 6.20 kg



RAPID TOWER KIT LIST

The ASCEND "RAPID TOWER" gives an exceptionally versatile tower for working in normal applications. All frames can be used as upper or lower sections ,simply place the platform on the third rung from the top of the tower and correct guardrail height is achieved. The number of trapdoor platform in the tower kit is sufficient to assemble and dismantle the tower using 3T method .

SIZE: WIDTH 140 CM LENGTH 180 CM , 208CM, 255 CM

WORKING HEIGHT		3.2	3.7	4.2	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.3	8.8	9.3	9.8	10.3	10.8	11.3	11.8	12.3	12.8	13.3	13.8	14.3	
TOWER HEIGHT		2.2	2.7	3.2	3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.3	8.8	9.3	9.8	10.3	10.8	11.3	11.8	12.3	12.8	13.3	
PLATFORM HEIGHT		1.2	1.7	2.2	2.8	3	3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.3	8.8	9.3	9.8	10.3	10.8	11.3	11.8	12.3	
COMPONENTS 140 X 255	UNIT WEIGHT (KG)																								
15 CM WHEEL WITH 60 CM ADJUSTABLE JACK & NUT	4.80	4	4	4	4	4																			
20 CM WHEEL WITH 60 CM ADJUSTABLE JACK & NUT	5.78						4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
2 RUNG LADDER FRAME	4.85		1	1			1	1			1	1				1	1			1	1			1	1
2 RUNG SPAN FRAME	3.68		1	1			1	1			1	1				1	1			1	1			1	1
3 RUNG LADDER FRAME	7.00		1		1		1		1		1		1		1		1		1		1		1		
3 RUNG SPAN FRAME	5.45		1		1		1		1		1		1		1		1		1		1		1		
4 RUNG LADDER FRAME	9.12	1		1	1	2	1	2	2	3	2	3	3	4	3	4	4	5	4	5	5	6	5	6	6
4 RUNG SPAN FRAME	7.14	1		1	1	2	1	2	2	3	2	3	3	4	3	4	4	5	4	5	5	6	5	6	6
STANDARD PLATFORM	15.20	1	1	1	2	2	1	1	2	2	1	1	2	2	1	1	2	2	1	1	2	1	1	1	1
TRAPDOOR PLATFORM	15.40	1	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	6	6	6	6
HORIZONTAL BRACE	2.20	6	6	6	6	10	10	10	12	12	14	14	16	16	18	18	20	20	22	22	24	26	26	26	26
DIAGAONAL BRACE	2.30	2	3	3	4	6	6	8	8	10	11	12	13	14	15	15	16	18	18	20	22	22	24	24	24
SIDE TOE BOARD	2.14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
END TOE BOARD	1.10	2	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 LONG STABLIZER	4.50				4	4	4	4	4	4															
450CM LONG STABLIZER	5.60										4	4	4	4	4										
600CM LONG STABLIZER	7.60															4	4	4	4	4	4	4	4	4	4
SNAP PINS	0.04		4	4	4	4	8	8	8	8	12	12	12	12	16	16	16	16	20	20	20	20	24	24	24
TOWER WEIGHT IN KGS																									
1.8 MTR LONG		81.44	88.19	92	128.76	143.31	152.47	159.94	180.64	187.89	202.81	208.49	230.75	236.43	246.96	258.77	281.03	288.59	297.24	304.79	328.92	335.51	345.13	348.94	348.94
2.08 MTR LONG		85.98	92.9	96.71	134.97	150.46	160.04	167.85	190.17	197.76	213.58	219.43	243.49	249.34	260.76	272.57	296.63	304.52	313.9	321.79	347.89	356.2	365.16	368.97	368.97
2.5 MTR LONG		90.34	97.52	101.33	140.75	157.96	167.04	175.37	199.59	207.3	223.48	229.59	255.41	261.52	273.3	285.11	310.93	320.24	328.82	337.23	365.35	373.76	383.24	387.05	387.05

Double Width Span 28 (7 Rungs) Mobile Tower 28

Width available 140 cm.

Mainframe height available 1.5mtr and 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.
- 28 cm rung space ensures full compliance handrail height in using horizontal brace.
- Equipped with construction manual and labels
- Technical Feature:
 - Adjustable leg up to 30cm
 - Capacity – 200kg / sq m
 - Rung Distance – 28 cm
 - Aluminium Alloy – 6061 T6
 - Frame Tube Thickness – 2.5mm
 - Platform – Anti slip Plywood with Aluminium Frame
- The Z configure bracing enables a quick trouble free assembly while providing a very rigid structure.
- Maximum load per platform is 250kgs. and for the entire tower is 750kgs. including tower self-weight.
- 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 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.



DOUBLE WIDTH 7 RUNG SPAN
FRAME 6.5 Mtr. PLATFORM HEIGHT



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

Technical feature:

- Adjustable leg up to 30cm.
- Working Platform Dimension - (140 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



- 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.



EASE UP TOWER

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 80cm wide frame.

Width available 80 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 80 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



EASE UP TOWER KIT LIST

The ASCEND "EASE UP" gives an exceptionally versatile tower for working in normal applications. All frames can be used as upper or lower sections ,simply place the platform on the third rung from the top of the tower and correct guardrail height is achieved. The number of trapdoor platform in the tower kit is sufficient to assemble and dismantle the tower using 3T method .

SIZE: WIDTH 80 CM LENGTH 180CM, 208CM, 255 CM

WORKING HEIGHT		3.2	3.7	4.2	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.3	8.8	9.3	9.8	10.3
TOWER HEIGHT		2.2	2.7	3.2	3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.3	8.8	9.3
PLATFORM HEIGHT		1.2	1.7	2.2	2.8	3.3	3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.3
COMPONENTS	UNIT WEIGHT															
15 CM WHEEL WITH 60 CM ADJUSTABLE JACK & NUT	4.80	4	4	4	4	4										
20 CM WHEEL WITH 60 CM ADJUSTABLE JACK & NUT	5.78						4	4	4	4	4	4	4	4	4	4
2 RUNG LADDER FRAME	4.10		1	1			1	1			1	1			1	1
2 RUNG SPAN FRAME	3.10		1	1			1	1			1	1			1	1
3 RUNG LADDER FRAME	5.70		1		1		1		1		1		1		1	
3 RUNG SPAN FRAME	4.40		1		1		1		1		1		1		1	
4 RUNG LADDER FRAME	7.60	1		1	1	2	1	2	2	3	2	3	3	4	3	4
4 RUNG SPAN FRAME	5.70	1		1	1	2	1	2	2	3	2	3	3	4	3	4
TRAPDOOR PLATFORM	13.25	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4
HORIZONTAL BRACE	1.75	6	6	6	6	8	10	10	10	12	14	14	14	18	18	18
DIAGAONAL BRACE	1.87	2	2	2	4	4	6	6	8	8	10	11	12	13	14	14
SIDE TOE BOARD	1.66	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
END TOE BOARD	0.98	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
300 CM LONG STABLIZER	4.50			4	4	4	4	4	4	4	4					
450CM LONG STABLIZER	5.60											4	4	4	4	
600CM LONG STABLIZER	7.60															4
SNAPPINS	0.04		4	4	4	4	8	8	8	8	12	12	12	12	16	16
TOWER WEIGHT IN KGS																
1.8 MTR LONG		65.27	69.43	90.63	110.44	117.14	132.54	135.74	155.63	162.33	173.73	183.2	201.22	213.29	219.32	230.52
2.08 MTR LONG		68.48	72.64	93.84	115.74	122.74	138.78	141.98	163.96	170.96	183.00	192.64	212.58	225.42	231.62	242.82
2.55 MTR LONG		71.94	76.10	97.30	120.12	127.72	144.88	148.08	170.98	178.58	191.74	201.64	222.24	236.54	243.00	254.20

QUIKR

SINGLE WIDTH SPAN 50 LADDER FRAME FOLDING TOWER

- It can be easily transported in small van and ready to use in seconds. It has a base measurement of (80 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 50 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 140 CM also available.

Technical Feature

- Working Platform : 80 X 178 cm
- Aluminium Alloy: 6061 T6
- Wheel : Dual Pedal Brake
- Platform : Anti-slip Plywood with Aluminium Frame
- Rung Distance: 50 CM
- Safe working load 150 kgs
- Platform Height – 108 cm
- Total Height – 230 cm
- Width – 80 cm
- Length – 178 cm



MINI POD

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 conform to the Working at Height Regulation, this podium is fully enclosed work platforms.

Feature:

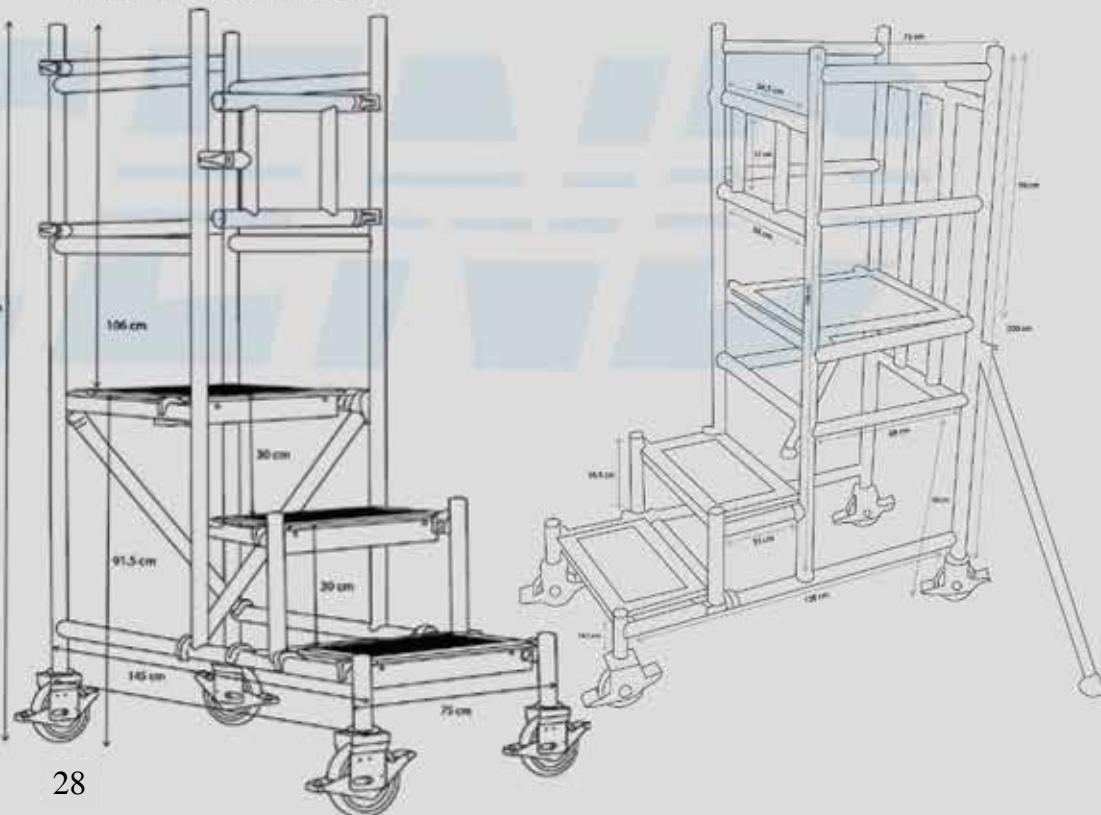
- Self latching gate for added safety and security while working.
- 4 Braked Casters for rigidity when in use.
- Casters are bolted to unit for a firm fixed connection.
- Tough design to withstand the rigors of site use.
- Designed to be pushed through most standard doorways.
- Safe Working Load – 150 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.



1mtr PLATFORM HEIGHT

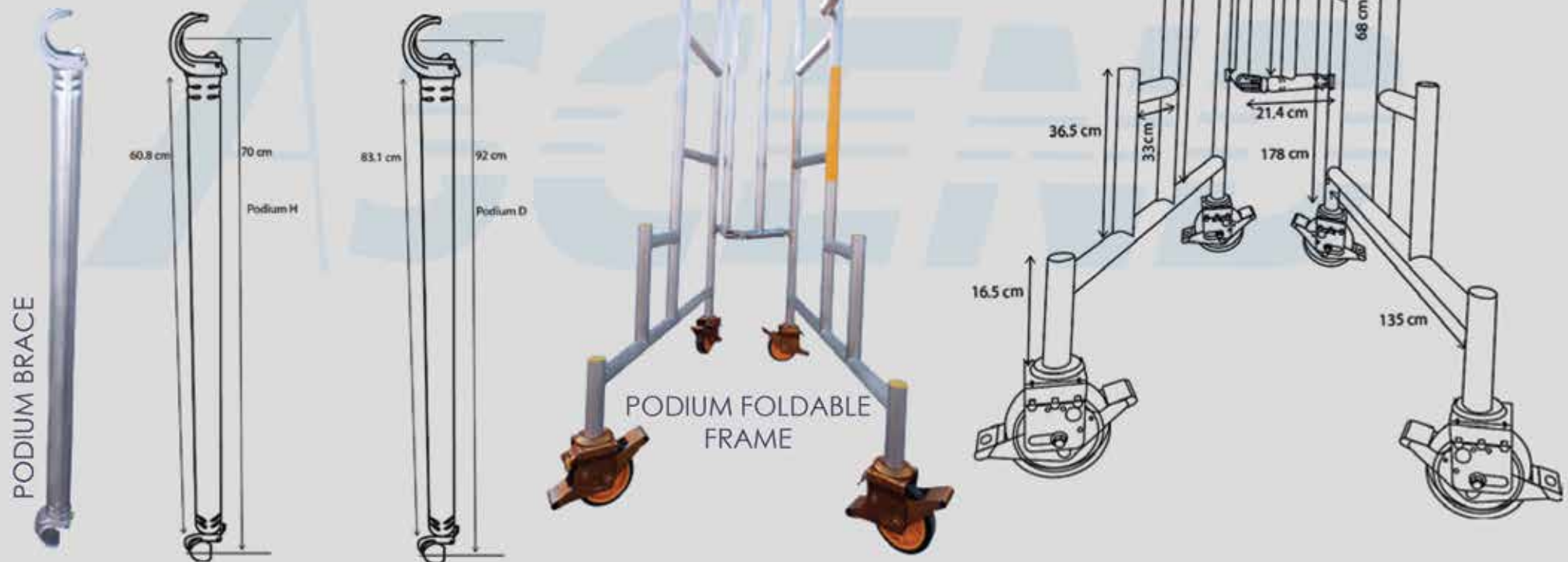


1.3mtr PLATFORM HEIGHT



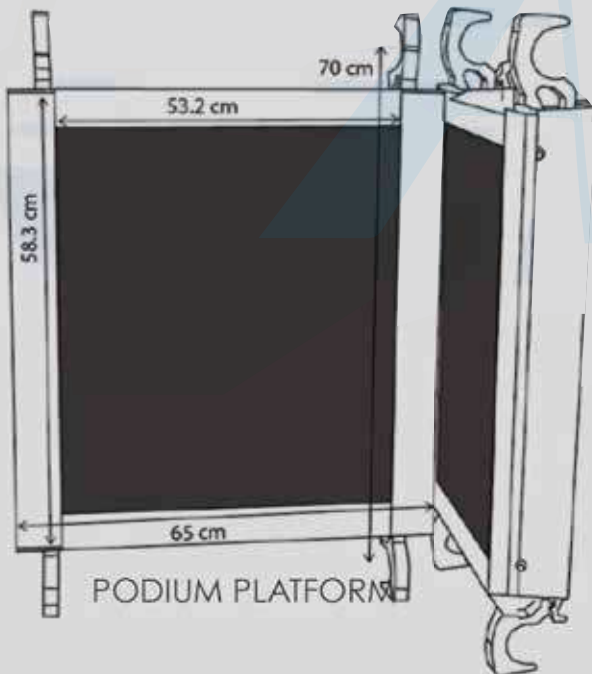
PRODUCT NAME	WEIGHT	PRODUCT CODE	LENGTH
Podium Standard Platform	4.5 kg	PTF - 00015	78.5 cm
Podium Steps	3.66kg	PTF - 00013	78.5 cm
Podium Diagonal	1.26 kg	BRC - 00020	99 cm
Podium Horizontal	1.07 kg	BRC - 00019	77.5 cm

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

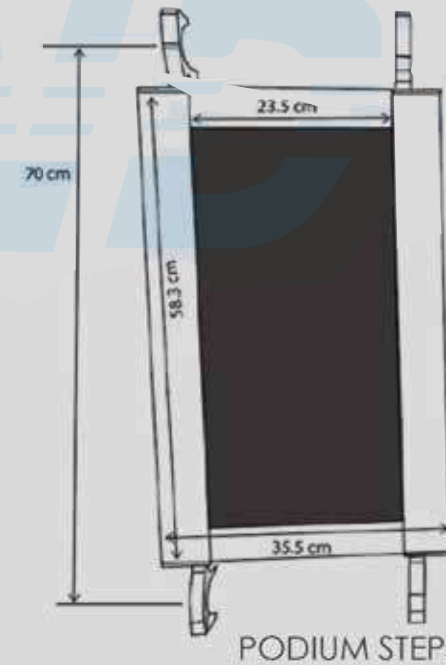




PODIUM FOLDING LOCK



PODIUM PLATFORM & STEPS



PODIUM WITH INCLINED LADDER

- THIS INNOVATIVE PODIUM DESIGN IS COMPACT ENOUGH TO PASS THROUGH ANY STANDARD DOOR WAY.
- OPERATOR IS FULLY ENCLOSED FROM ALL SIDES FOR SAFETY
- ROBUST STABILIZER PROVIDES FULL SUPPORT AGAINST FALL PROTECTION.
- EASY FOR STORAGE AND TRANSPORTATION

Step Interval : 28cm

Width : 75cm

LENGTH : 145 cm

Height available : 200cm,
220cm, 250cm & 320cm



PODIUM WITH STAIRWAY STEPS

PODIUM WITH STAIRWAY STEPS FEATURES

- Podium Stairway step is a new product contrivance especially for 3mtr podium requirement.
- It is a safe choice for customer who require podium steps in higher height at the same time it's a good replacement for warehouse ladder.
- This is easy dismantable and big quantity can fit in small truck .
- Strong aluminium frame,safe angle of elevation with step depth 150mm.
- Easy Gate opening , flanged non skid steps.
- Maximum capacity 150kg. Complies to EN131



Mobile Stair Scaffold

Mobile stair scaffold is another innovative product of ASCEND. 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.

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 3mtr Platform Height

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
270CM 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

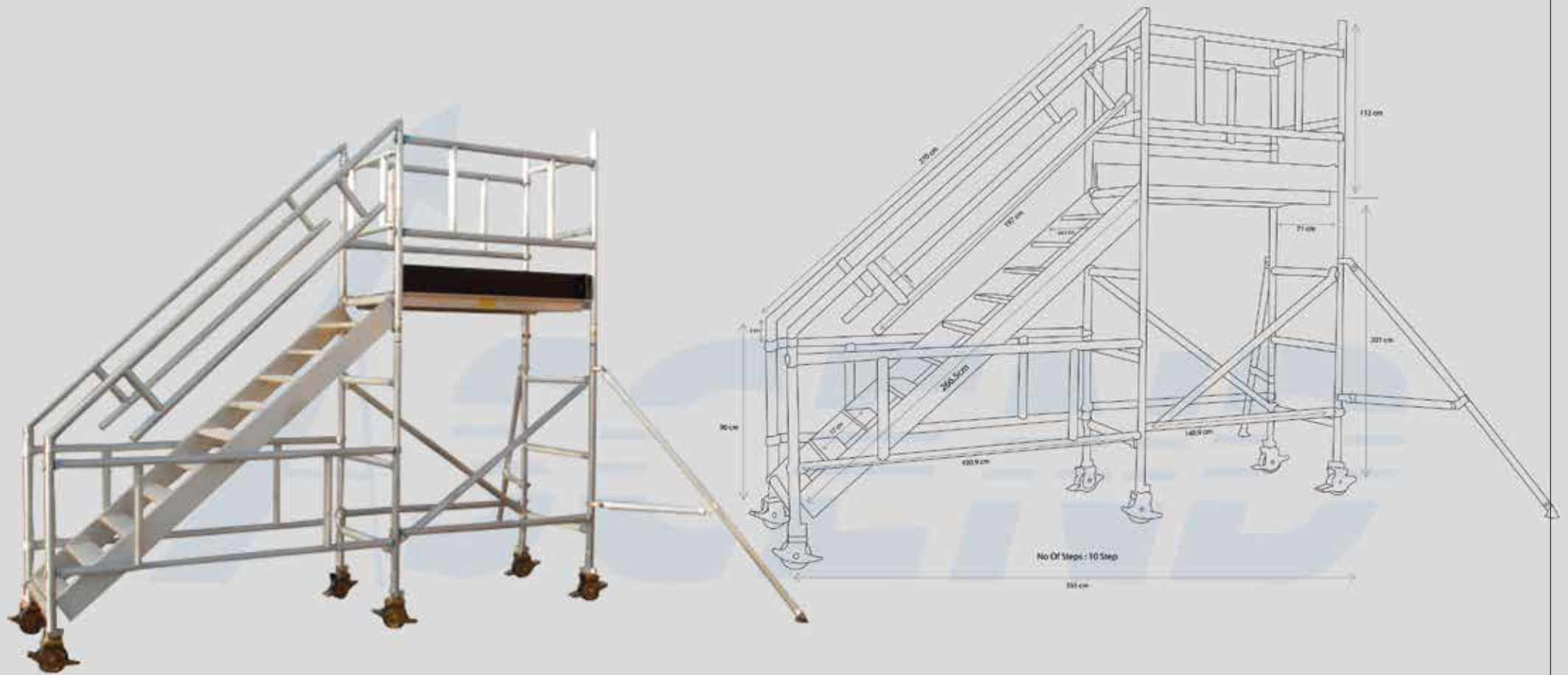


Stairway Wind Lock



1 Rung Frame

MOBILE STAIR SCAFFOLD



SNAPPY

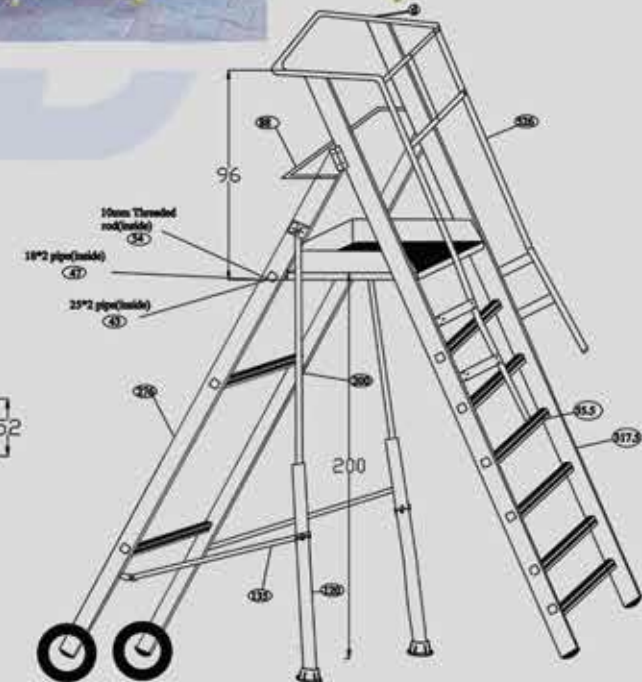
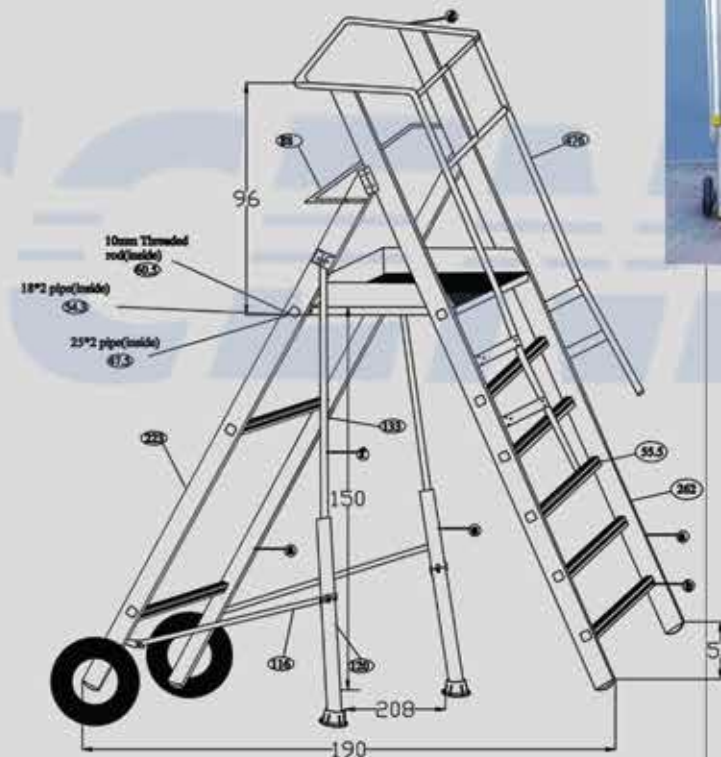
Snappy Technical Details

SPECIFICATION						
LENGTH	WIDTH	OVERALL HEIGHT	PLATFORM HEIGHT	NO OF STEPS	WEIGHT	WEIGHT WITH WHEEL
134 CM	52 CM	190 CM	100 CM	3	13.0 Kg	15.4 Kg
190 CM	52 CM	240 CM	150 CM	5	21.5 Kg	23.9 Kg
214 CM	52 CM	290 CM	200 CM	6	24.5 Kg	26.9 Kg

Snappy Features

- Ladder width 52cm, rung gap 28cm with guardrail height 96 cm.
- 2 fixed castor wheels.
- Spacious platform : 41.0 cm x 62.0 cm
- Platform railing with intermediate & toe board.
- Maximum load capacity : 150kg

A practical single - sided mobile ladder that can be used anywhere.

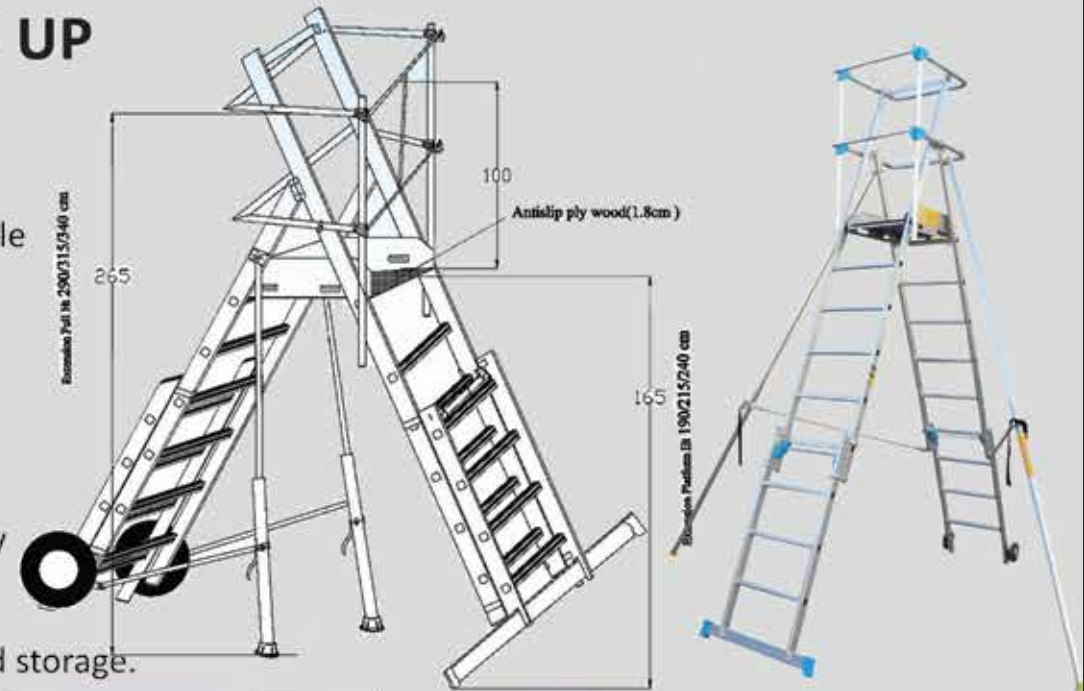


- Read Safety Instruction for Safer usage.
- Designed as per EN131 Standard.BS2037/BS1129 Standards

HOP UP

Telescopic Platform Ladder Features

1. Safe comfortable standing surface with guard rail & toe boards.
2. Simple height adjustment according to the push up ladder principle enabling different working heights max 4.4 mtr.
3. Safety swung-out stabilizers ensuring stability
4. Integrated tool tray
5. Can be easily moved while erected due to 2 castor wheels.
6. Very easy to erect – hand rails and guard rails are automatically unfolded during erection.
7. Compact dimensions when folded, therefore easy to transport and storage.
8. Plastic end caps ensure positioning without risk of slipping.



Telescopic Platform Ladder Technical Details

Specification

PLATFORM LADDER

Foot point, Stabilizers extended at max, L*W (m)	: 3.20*3.50
Foot point, Stabilizers retracted, L*W (m)	: 2.1*0.63
Number of Rungs, incl.Platform	: 9

Platform Ladder Height 3.40 (Mtr)
Platform Height 2.40 (Mtr)
Working Height 4.40 (Mtr)
Overall Length 2.20 (Mtr)
Base Width 80(cm)
Rungs Distance 28 (CM)
Guardrail Height 100 (CM)
Platform Dimension 42 cm X 54 cm
Dimension Folded 3.10 M X .80 M X .40 M
Total Weight 35.00 Kgs.
This height can adjust in 265cm 290cm, 315cm and 340cm.
BRAND : ASCEND
COUNTRY OF ORIGIN: MADE IN UAE



FOLDY

FOLDY FEATURES

- *This is our special product processed from high Grade Alloy 6061.*
- *It is light in weight with adjustable side supports that can be easily accessed by single person.*
- *It requires simple steps for erection and dismantle.*
- *This product is available in 2 mtr and 3 mtr heights.*



Step Interval : 28cm

Width :52cm

LENGTH : 145 cm

Height available :200cm & 300cm



SOLO

ONE MAN TOWER FEATURES:

For all those tight corners where height and space is limited, gain speedy, easy access. One man tower aluminium mobile tower with the base unit forming a trolley for fast storage and transportation .

Platform length -> 1.2Meter

Platform height -> 1.1, 2.1,3.1,4.1 (meter)

Compact Dimension-> 0.70meterX1.2Meter

Ideal for one man use

- Lightweight and robust
- Optional platform levels
- Fitted with lockable castors
- Non slip platform boards
- Anti-slip climbing rungs
- Easily transportable
- Fits through the standard doorways
- Aluminum foldable toe board set
- Can reach up to 6meter height
- Rung spacing of 250mm
- One side frame of 1Meter height for an easier build.



ULTIMA

FIBER GLASS SCAFFOLD

Model	SR-300	SR-400	SR-500	SR-600	SR-700	SR-800	SR-900	SR-1000
Total Height	4 Meter	5 Meter	6 Meter	7 Meter	8 Meter	9 Meter	10 Meter	11 Meter
Platform Height	3 Meter	4 Meter	5 Meter	6 Meter	7 Meter	8 Meter	9 Meter	10 Meter
Weight	125 KG	169 KG	173 KG	216 KG	220 KG	260 KG	273 KG	296 KG

Fiber Glass Scaffold Features

1. Nanotechnology adopted, more stable and durable. Dielectric strength: 220KV, especially used for electric works
2. Main tubes are made of reinforced fiberglass, non-conductive, resistance to spark, oxidation resistance, resistant to corrosion
3. 3.2mm thickness and tube dia. Of 50.8mm ensure anti-twist and anti-deformation performance, suitable for indoor and outdoor use
4. Mainly combined with 3-rung frame and 4-rung frame, time and labor cost-saving in installation and disassembly, also easy and convenient for transportation and storage when disassembled
5. Their horizontal braces, diagonal braces, diagonal ligaments provide double-guarantee on tight connection of each parts and stable structure
6. Max. Loading: 720kg, 4-5 operators can work on at the same time with other tools, largely improve working efficiency.
7. Movement with casters, conveniently work at different sites, pedal brakes are used to control fixation and movement of casters
8. In compliance with EN1004



FIBER GLASS SCAFFOLD PARTS



Foldable Toe Board Set 6.9 Kg



Trap Door Platform Weight- 17.8 Kg



Standard Platform Weight- 18.25 Kg



135 cm Wide Span Frame Weight- 11.9 Kg



135 cm Wide Ladder Frame Weight- 15.72 Kg



Large Stabilizer 5.14 Kg



75 cm Wide Span Frame Weight-8.8 Kg



75 cm Wide Ladder Frame Weight-11 Kg



Diagonal Brace Weight- 3.05 Kg

Horizontal Brace Weight- 2.42 Kg

STEEL MOVABLE SCAFFOLD

STEP-4

Scaffold is stackable combine maximum of two units with outrigger and guard rail (sold separately) for max height of 11ft.



Adjustable Platform

One-person setup is easy to adjust, the platform can be moved in increments of 2 in. Lowest platform height is 27" from floor, and maximum height is 71" from floor.



ITEM SPECIFICATION

Duty Rating	:	Standard
Guard Rails	:	Not Included
Ladders/Scaffold Features	:	Adjustable, caster, Stackable, Weather Resistant.
Material	:	Steel
Base Length (cm)	:	183
Maximum Height of Platform (ft):	:	6
Platform Width (ft)	:	2.1
Platform Length (ft)	:	6.0
Model	:	ASC-BST-01
Maximum Load (lb)	:	1000 lb
Product Weight (lb)	:	141 lb
Scaffolding Type	:	Scaffolding Sets

Multiple Use

Great for home use and contractors, builders and handy men. Replace lighting fixture and ceiling tiles, paint and repair drywall. 74" long X 29" width rolls through doorways on 5" caster for smooth transportation.



Mobile Workstation

Great for jobsite use as a working desk or storage. Adjustable height provides suitable workspace for managing important tasks or provides shelving for garage and basement use.



STEEL MOVABLE SCAFFOLD

Ascend Guardrail is extremely durable, easy to use and delivers the ultimate in safety and security. A yellow thermosetting polyester finish adds durability to the design, making it easier to maintain. When working at elevated heights, professional contractors as well as serious do-it-yourselfers demand a superior quality guardrail system.

- Yellow thermosetting polyester finish offers lasting protection.
- Exceeds OSHA requirements for safety.
- Easy to assemble with the joined panel System.



ITEM SPECIFICATION

Product Weight(lb)	:	59 lb
Scaffold Product Type	:	Guardrails
Brand	:	Ascend
Material	:	Steel
Features	:	Weather Resistant



STEP-1
Adjust Platform can be moved in 2 inch increment to access different heights.



STEP-2
Four locking pins provide Platform safety and security.



STEP-3
Includes four caster which roll for mobility and lock for safety.

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.

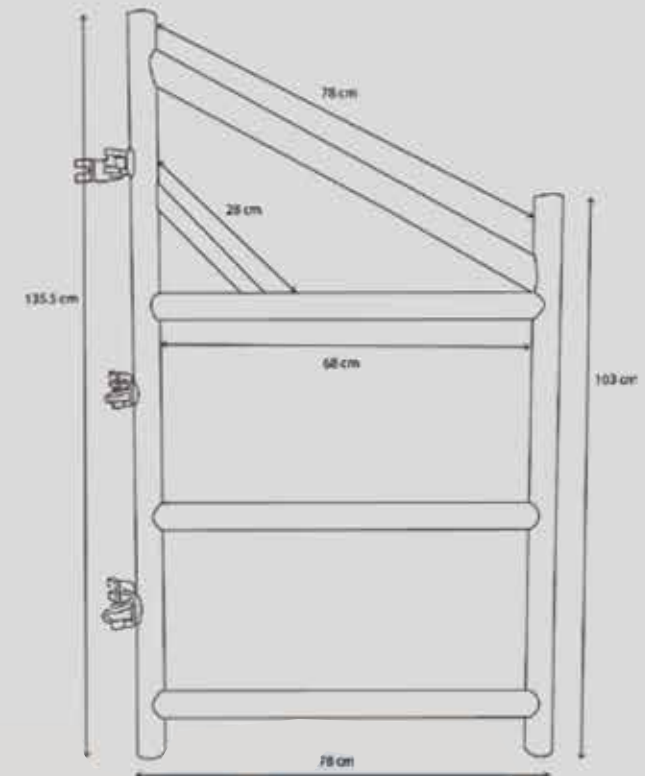
The ASCEND aluminium extension consoles can be used on any type of rolling tower from the Span 50 series.

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

Scaffold Tower Trolley

The ASCEND Rolling Tower Trolley is a specially designed for transport and storage of Mobile access towers. With the trolley units a complete rolling tower configuration of up to 9.20 meter platform height (11.20 meter working height) can easily be loaded and transported.



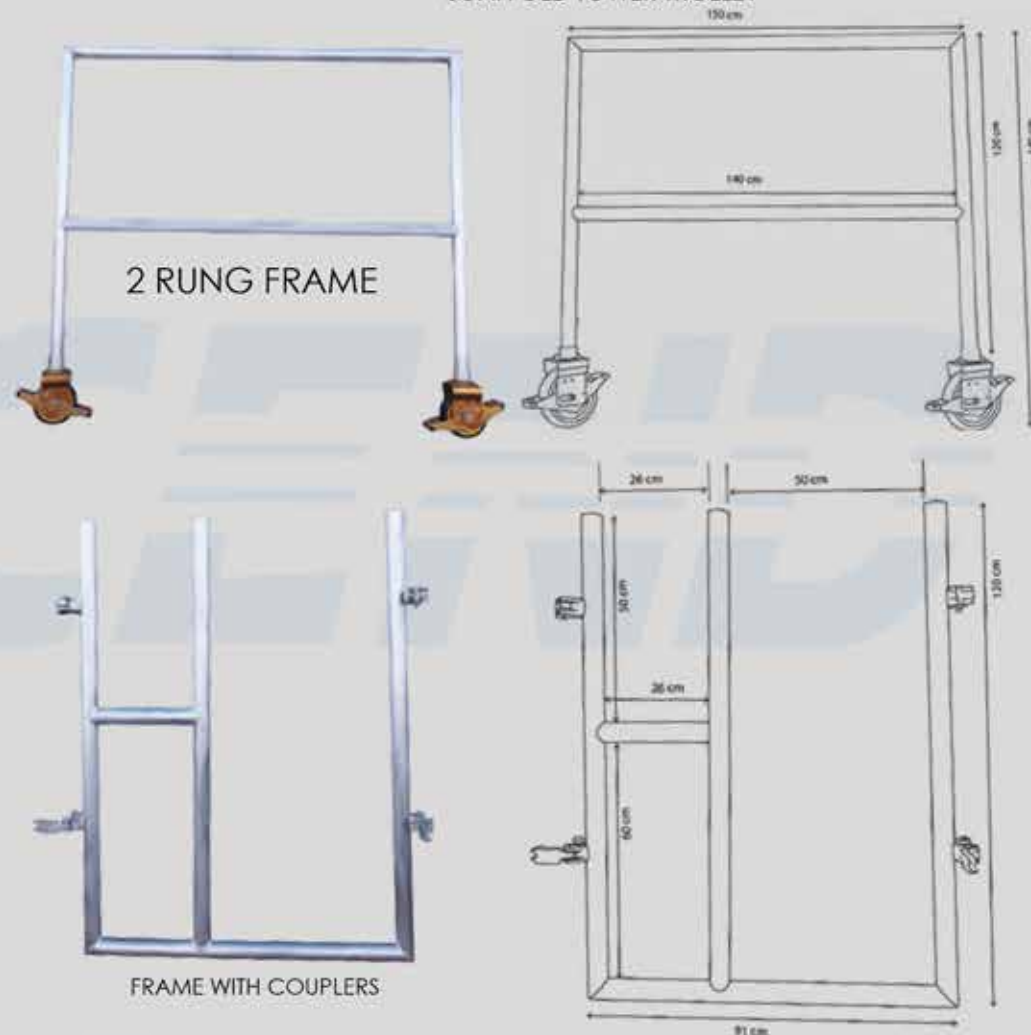
SCAFFOLD TOWER TROLLEY

Trolley Dimension:

Length - 150 cm
Width - 100 cm
Height - 140 cm

- The Scaffold Tower trolley is manufactured of light weight Aluminium material.
- It is equipped with Easy Lock couplers .
- Using this Scaffold Tower trolley transport of Aluminium mobile towers becomes easy.
- The trolley is equipped with special storage spaces for frames, platforms and braces.
- Can be assembled and dismantled quickly in seconds.
- Can carry Double Width Tower of up to 10 meter height.
- Dual Pedal operated wheel with brake mechanism.
- Light weight and strong.

coupler frame weight 4kg.
2 rung frame weight 3kg.



Frames

Span 50 Frame Welded

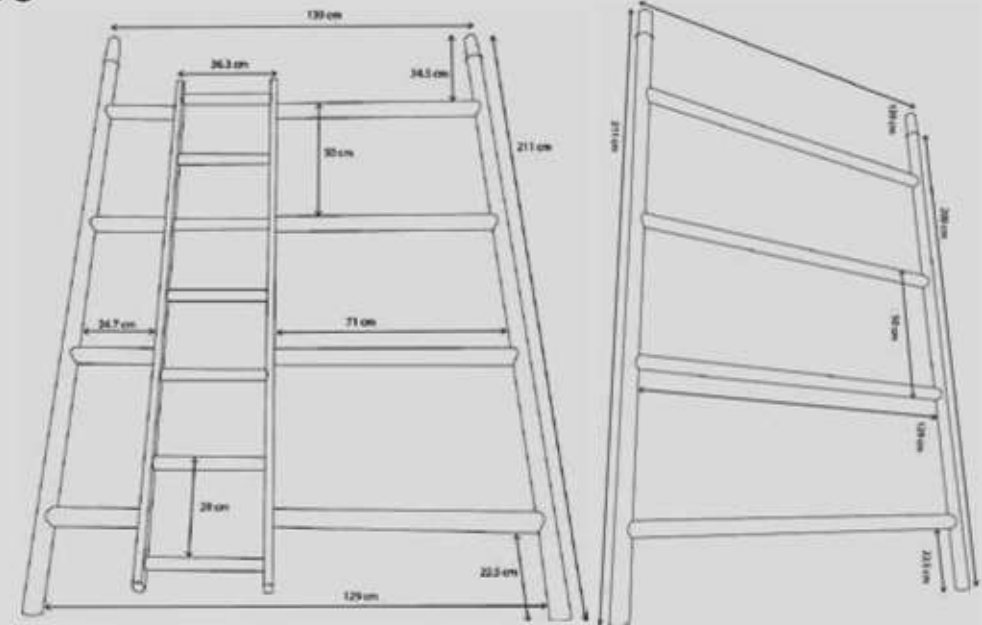
Width	78 cm	120 cm	139 cm	200 cm
Height	200 cm	200 cm	200 cm	200 cm
Weight	6.0 kg	6.68 kg	7.14 kg	8.74 kg
Product Code	FR-00023	FR-00048	FR-00001	FR-00070

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

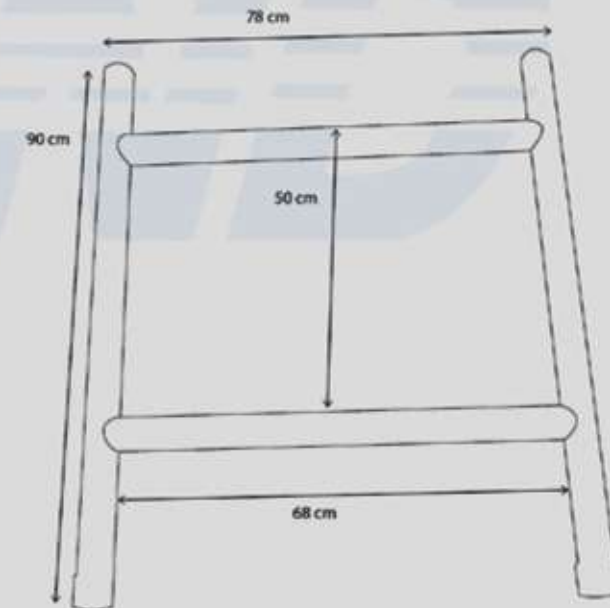
- All frames are equipped with locking pin system attached to the frame.
- The diameter of tube is 50 mm and the wall thickness is 2.5 mm.
- For maximum safety in climbing the frame rungs are provided with serrated tube for easy grip.
- Ladder frame has an Integral industrial ladder with comfortable 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

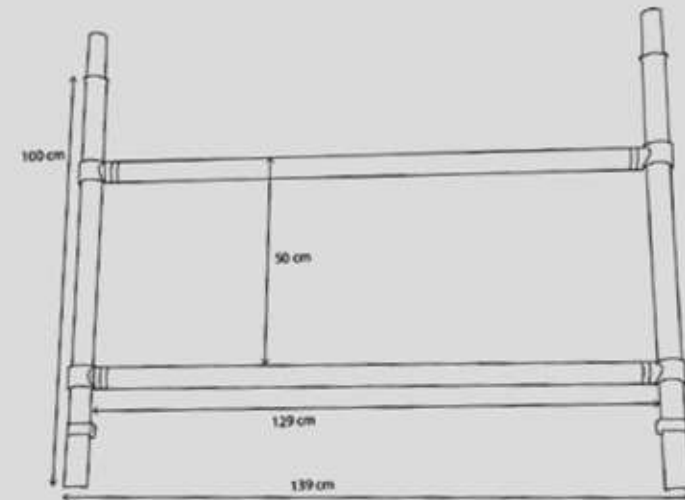
- The guardrail frame provides railing at knee height and waist height.
- The horizontal braces or bracing frames connects guardrail frames to each other.



Frames

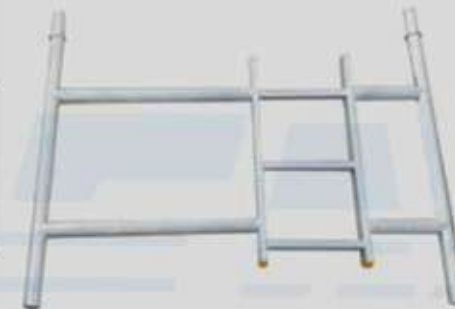
2 Rung Span Welded

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



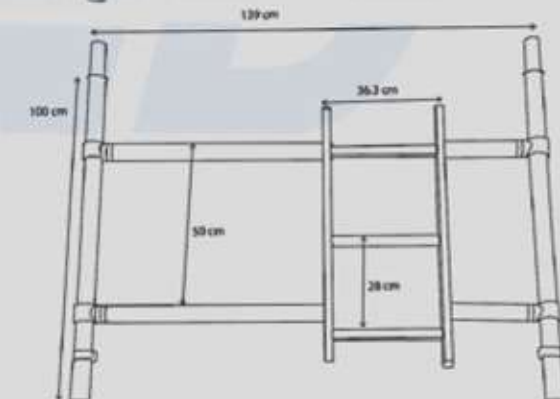
2 Rung Ladder Welded

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

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



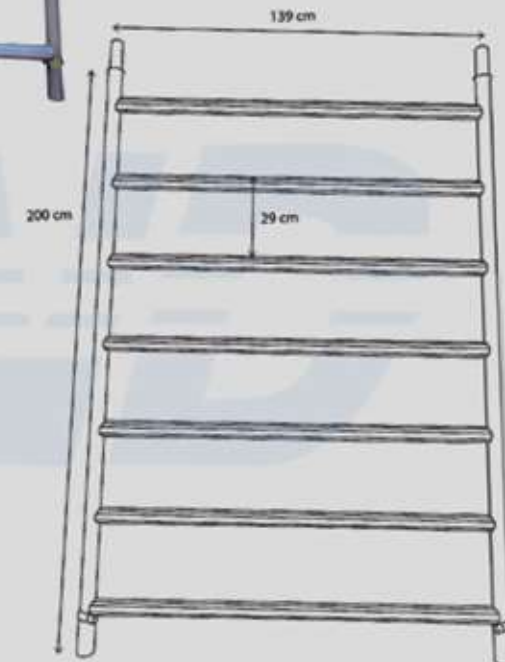
Cold formed Joined Frames

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



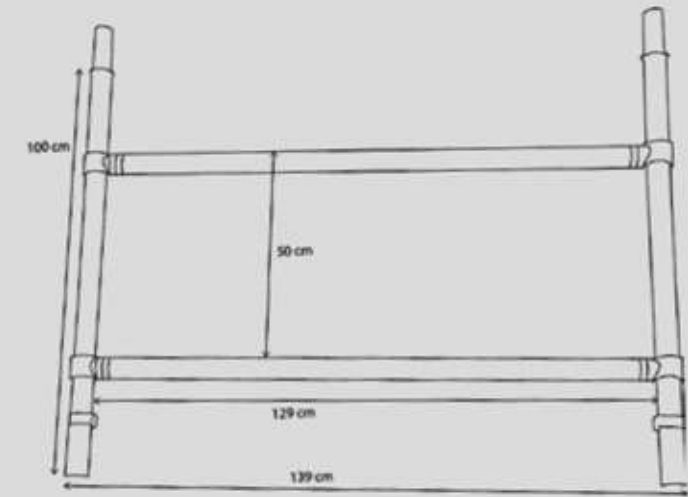
- All frames are equipped with locking pin attached to the frame.
- The diameter of tube is 50 mm and the wall thickness is 2.5 mm.
- For maximum safety in climbing the frame rungs are provided with rip grip profile.
- Ladder frame has an integral Industrial ladder with comfortable square rung. Each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

Frames

Guardrail Cold Formed

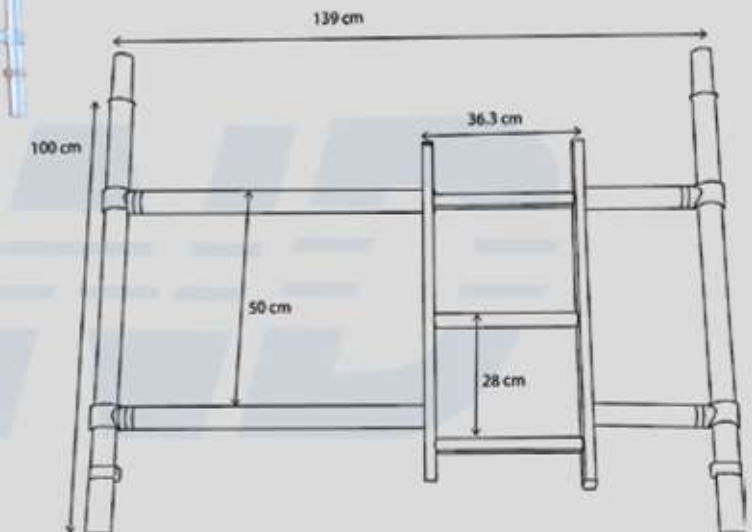
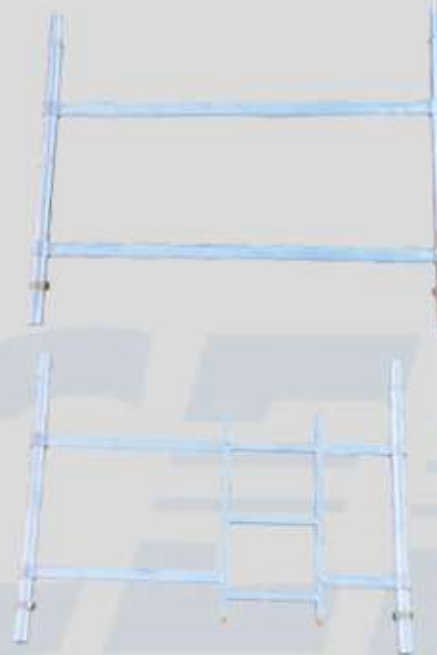
Width	78 cm	120 cm	139 cm	200 cm
Height	90 cm	90 cm	90 cm	90 cm
Weight	1.8 kg	3.4 kg	3.5 kg	4.25 kg
Product Code	FR-00028	FR-00053	FR-00006	FR-00075

- 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

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

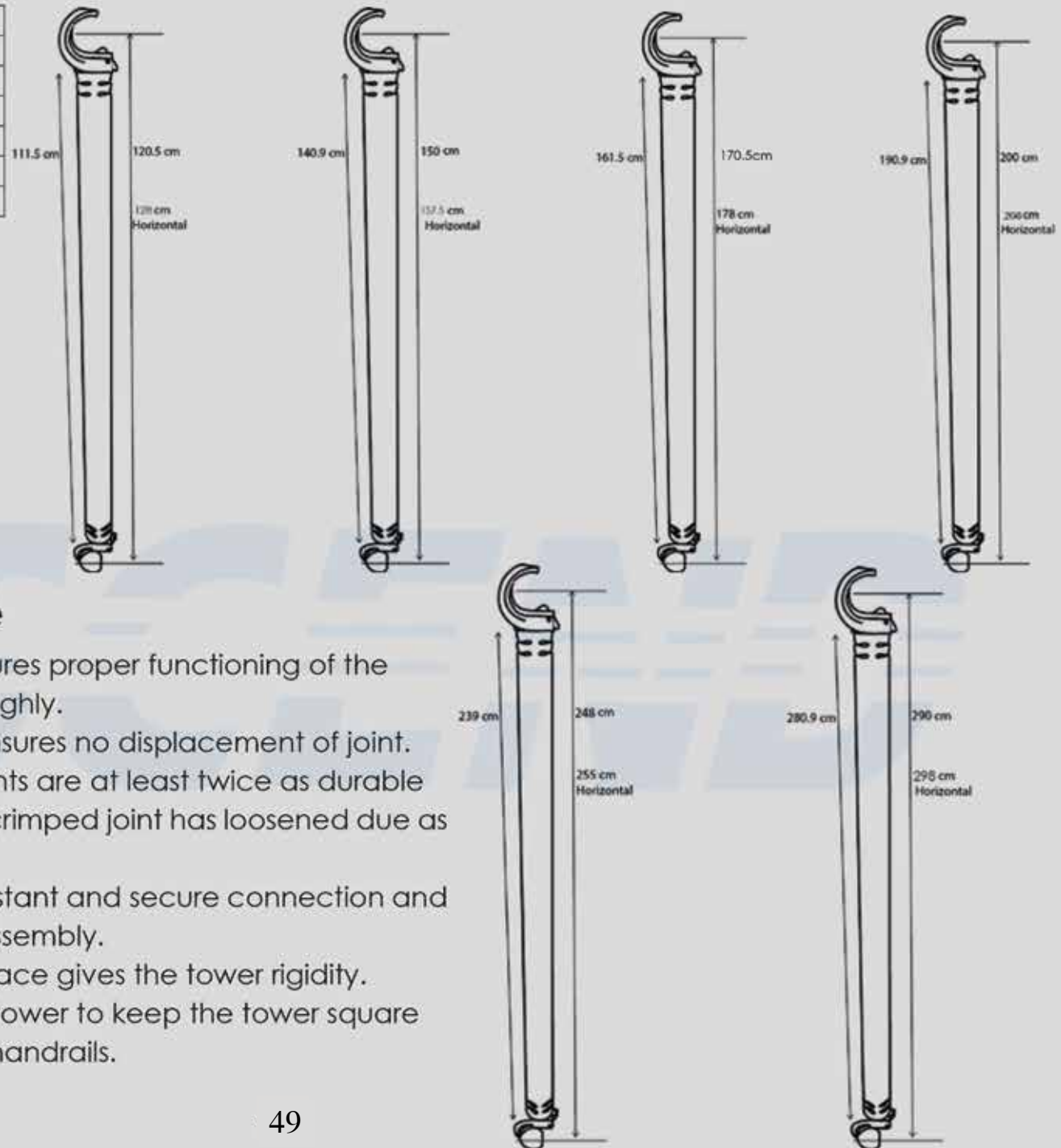
- ASCEND stands out with Cold formed jointing system, from welded frame tower suppliers.
- Gives tensile joints strengths up to three times greater, and durability higher than that of traditional welded joints.

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



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 as 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 disassembly.
- 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.

Braces

- 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

Diagonal Brace

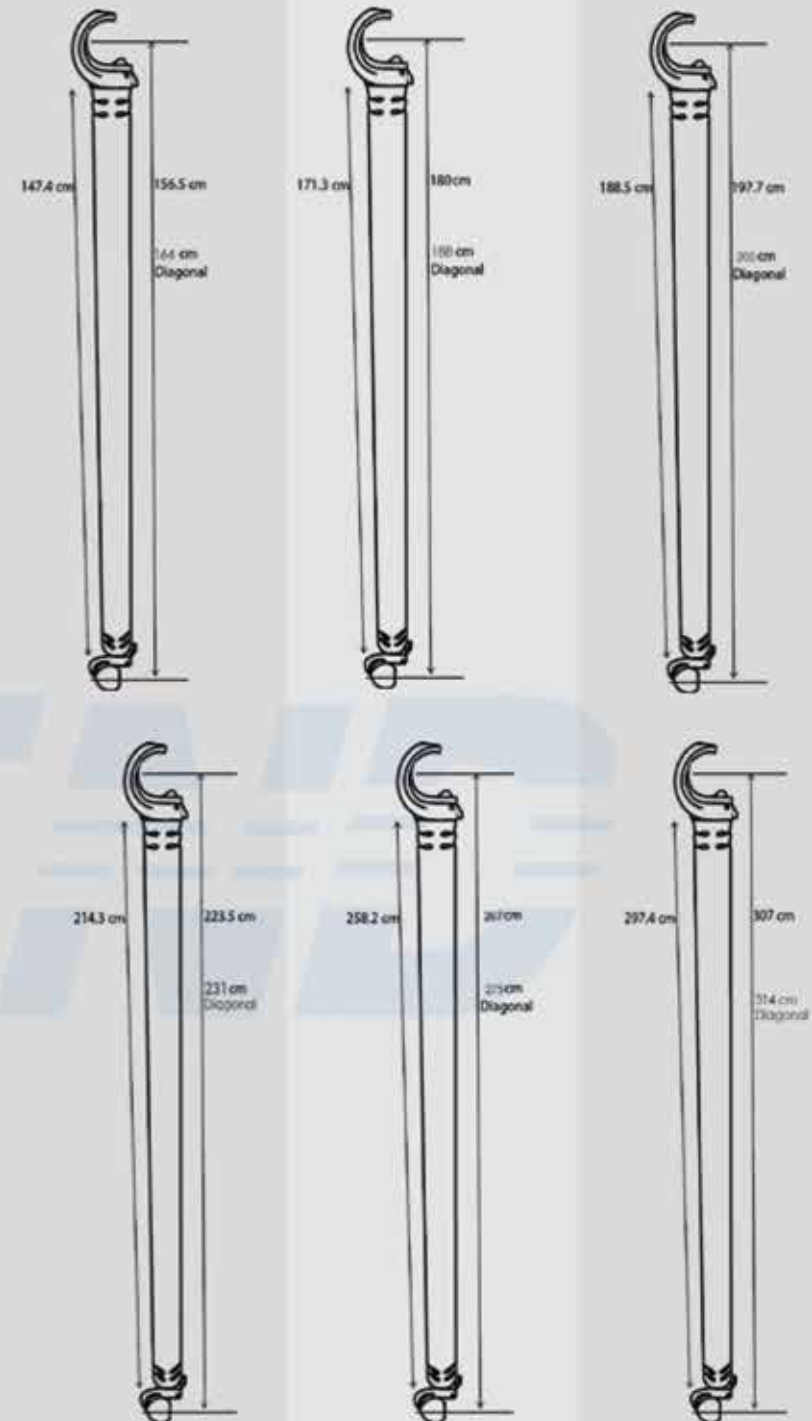
Product Code	Length	Weight
BRC-00003	164 cm	1.62 kg
BRC-00006	188 cm	1.705 kg
BRC-00015	205 cm	1.87 kg
BRC-00012	231 cm	2.042 kg
BRC-00018	275 cm	2.35 kg
BRC-00009	314 cm	2.54 kg



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

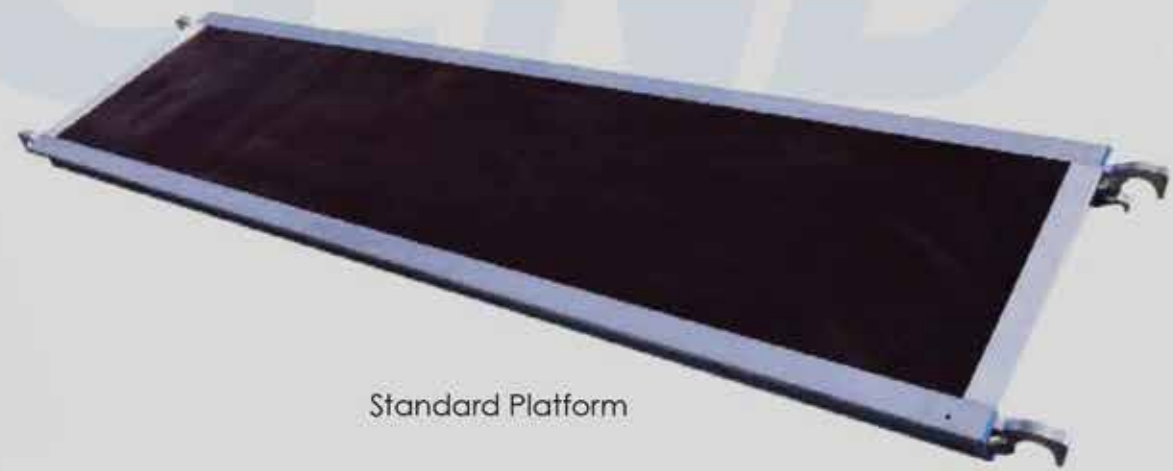
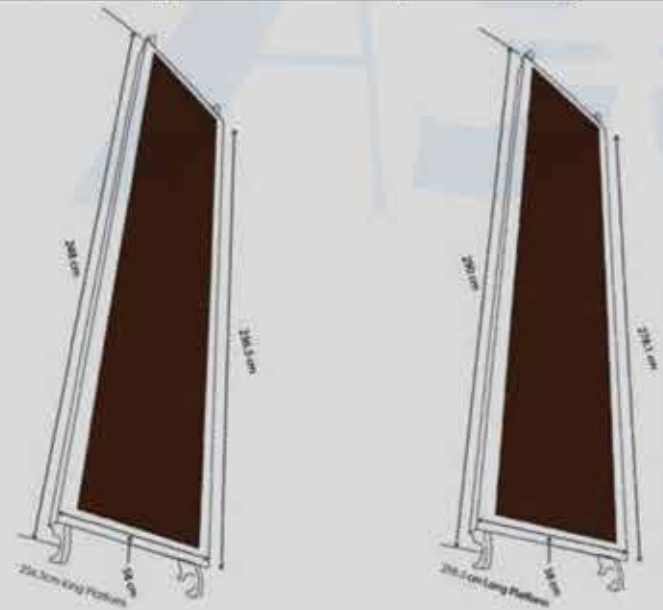
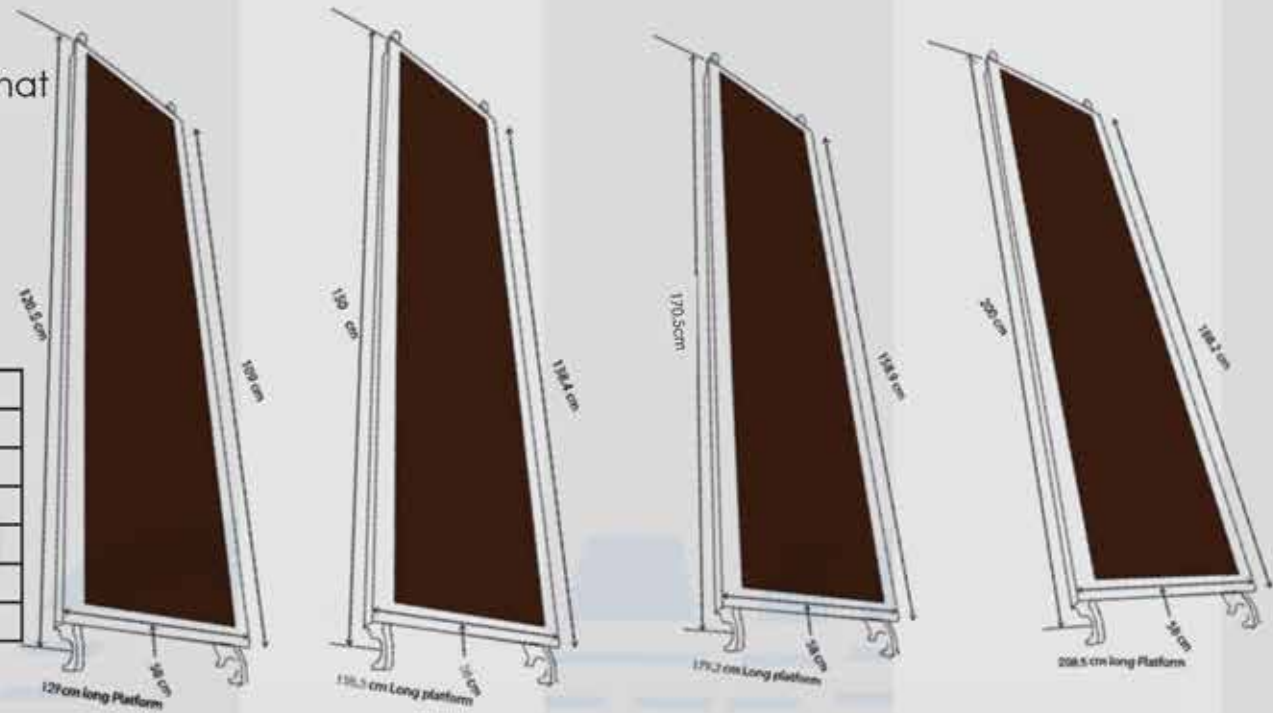
Triangular Trusses

Length	200 cm
Weight	18.875 kg
Product Code	SPND-00001

- Equipped with special guardrail holders that simplify assembly.
- Modular system with standard 2 mtr and 2.5 mtr trusses to enable desired platform length.

Standard 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.

Platform

Trapdoor Platform



Wheels

Caster Wheel

Product Code	WS-00003
Length	15 cm
Weight	3.85 kg

- Pivoting wheel with 20 cm poly propylene no mark casters with dual pedal foot operating brakes, non marking caster material for indoor compatibility.



15cm caster wheel

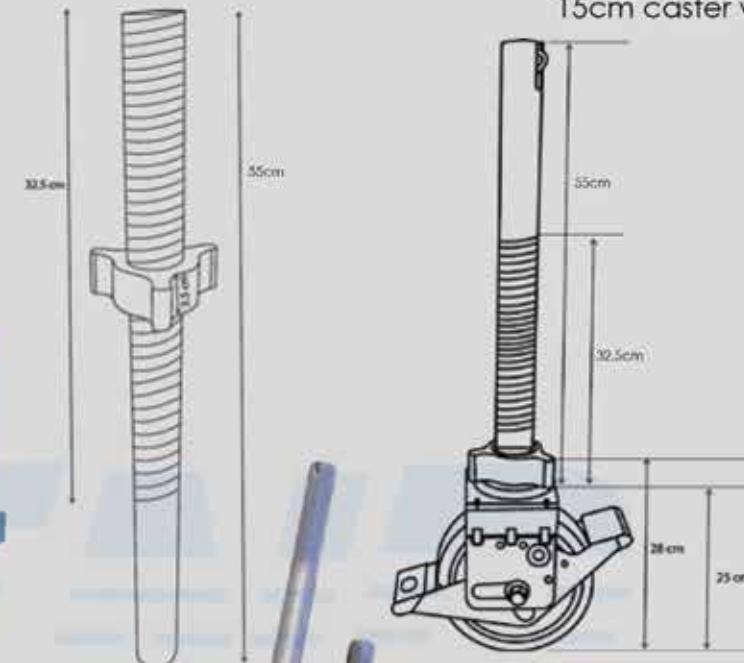
Adjustable Jack

Length	Weight
55 cm	0.975 kg

- 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.



Adjustable Jack



Caster Wheel

Length	Weight	Product Code
20 cm	4.74 kg	WS-00006



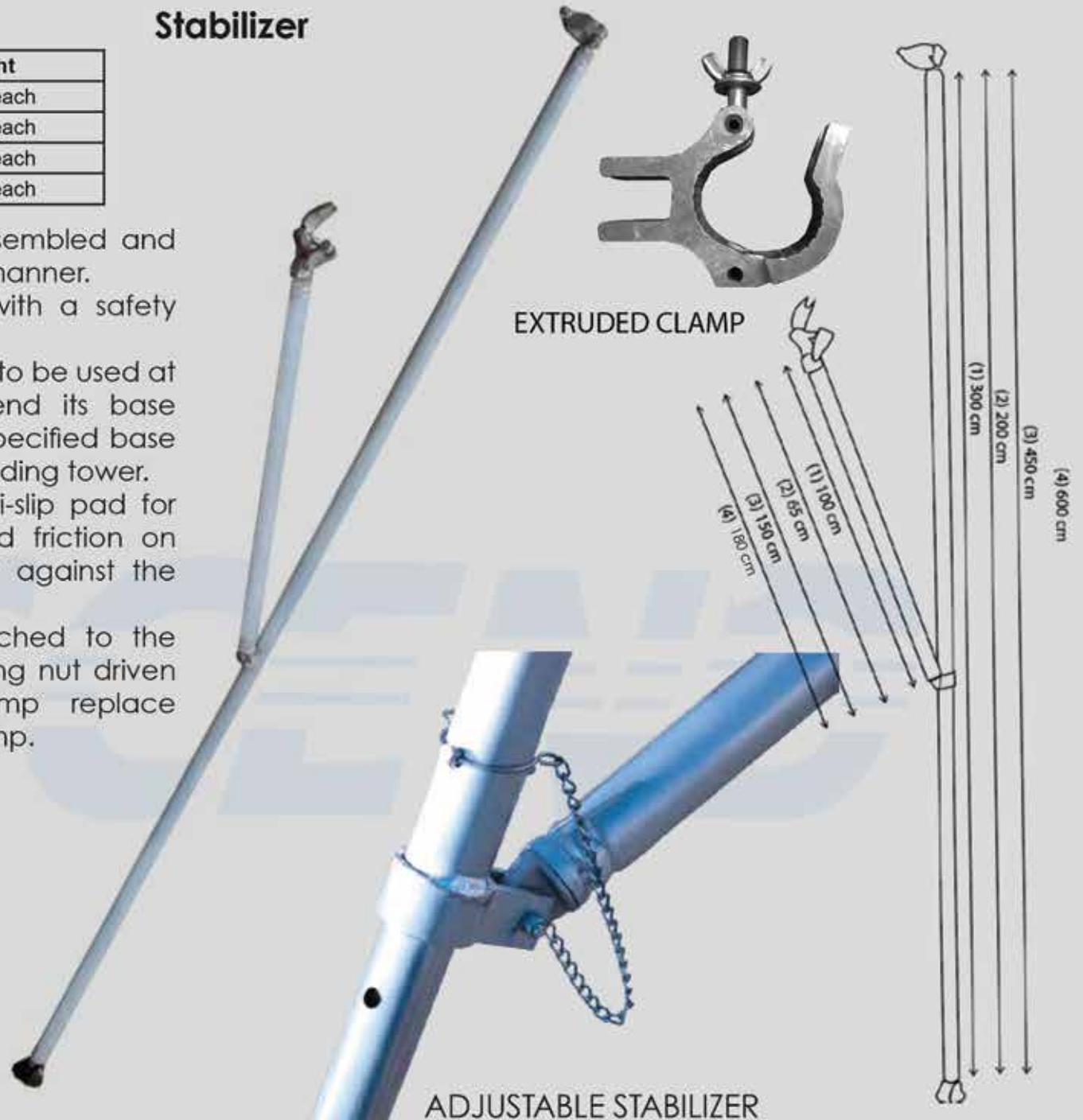
20cm Caster Wheel



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.

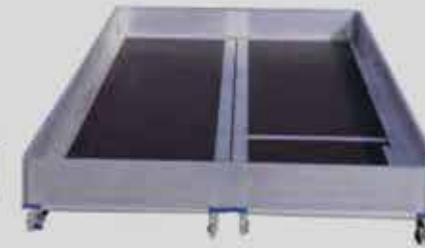


Toe Board

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



WOODEN TOE BOARD



ALUMINIUM TOE BOARD

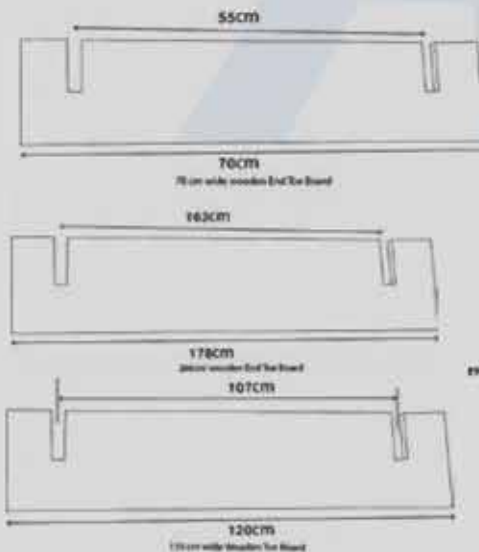
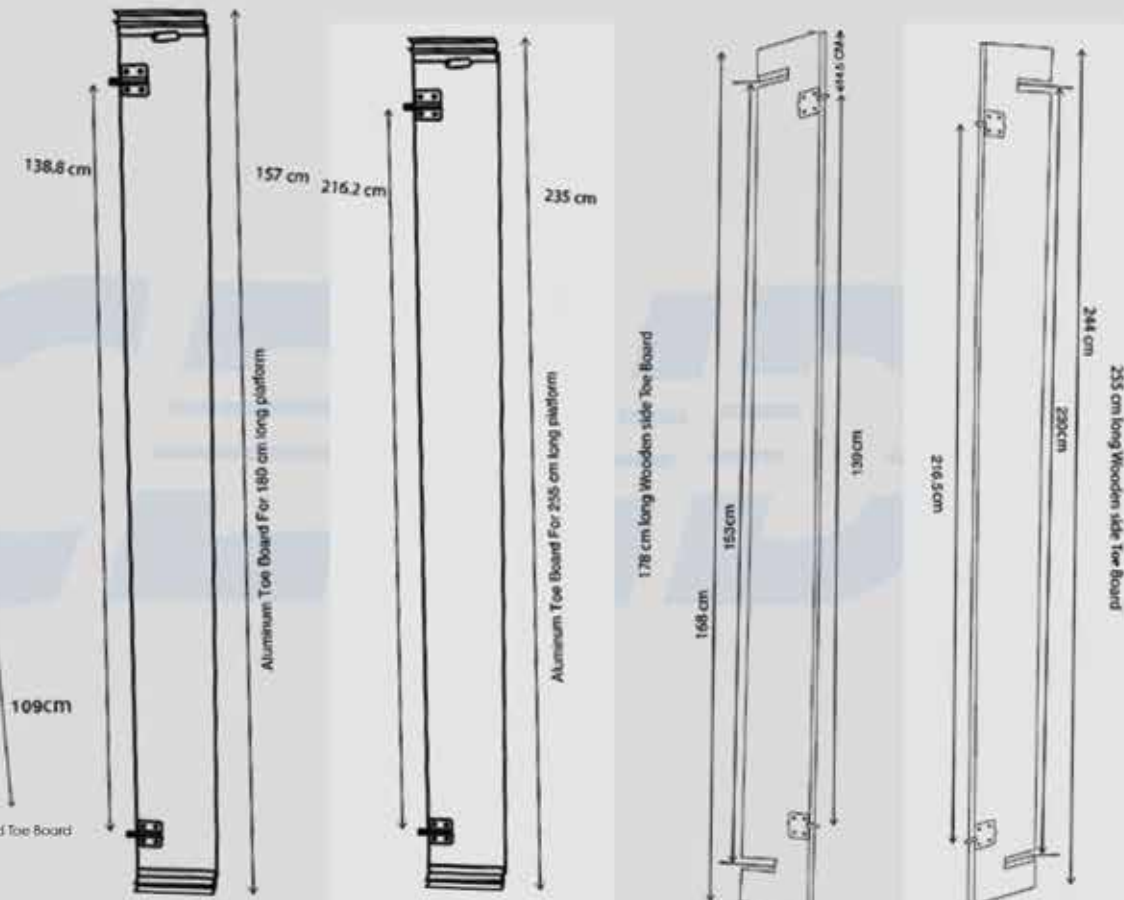


Aluminium Toe Board		
End Toe Board Length	Product Code	End Toe Board Weight
109 cm	TB-00001	1.15 kg
55 cm	TB-00003	0.56 kg
164 cm	TB-00005	1.755 kg

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		
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

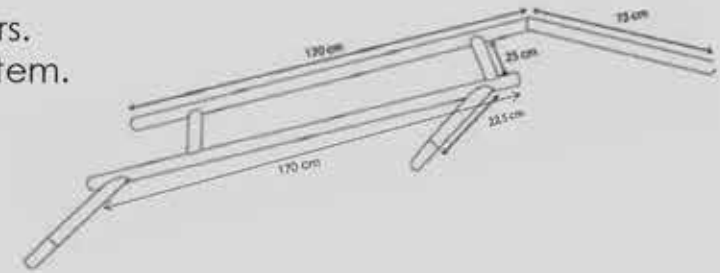


Stairs and Handrails

Stair

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

- 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.



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.

If 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/mm ²	280
0.2 % Proof Stress N/mm ²	240
Hardness (Brinell) BHN	90
Elongation on 50mm %	8
Density g/cm ³	2.7
Modulus of Elasticity N/mm ²	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. ASCEND 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.

ASCEND places great importance on the safety of its product in use. The extensive manual assembly and use of ASCEND 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.

Materials

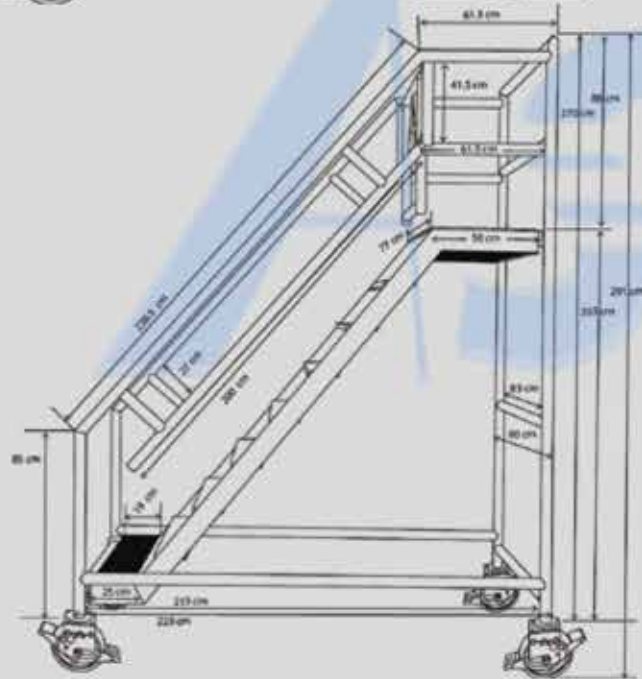
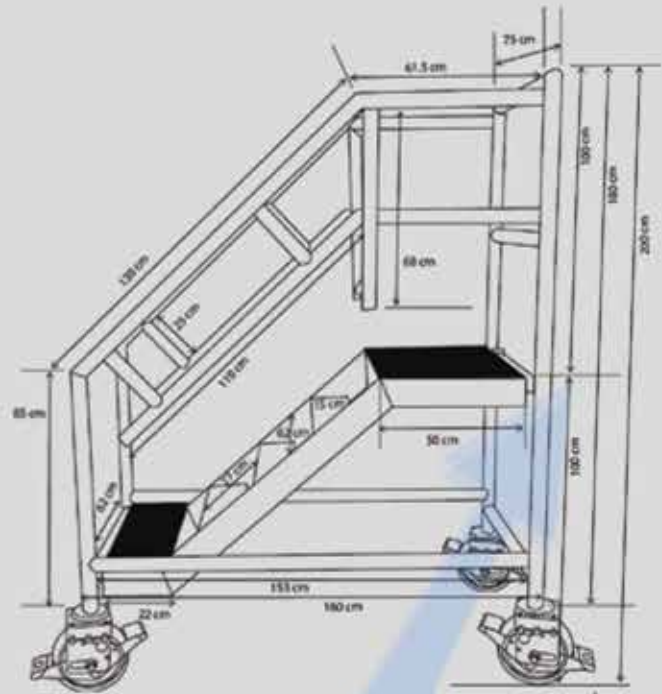
Warehouse ladders are manufactured of Aluminium Profile. The main advantage of aluminium over the steel is, it weighs less, and aluminium doesn't corrode like steel and can be used in food processing and chemical plants.

- 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.

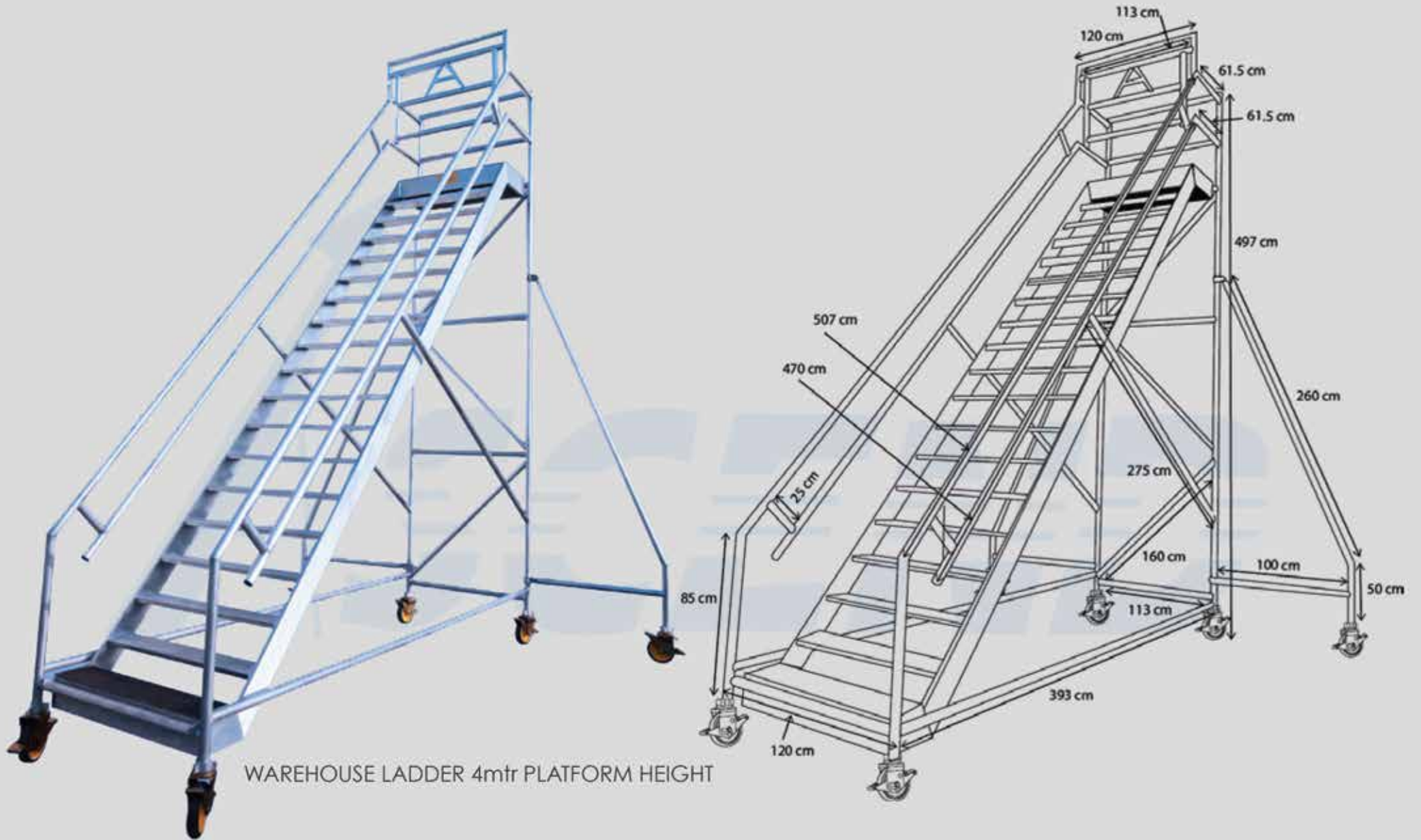


WAREHOUSE LADDER
1mtr PLATFORM HEIGHT

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
20 cm	86 x 50	96 cm	FG-WL-00004	13	4m	301 cm	350 cm	100 cm	100 kg	15 cm



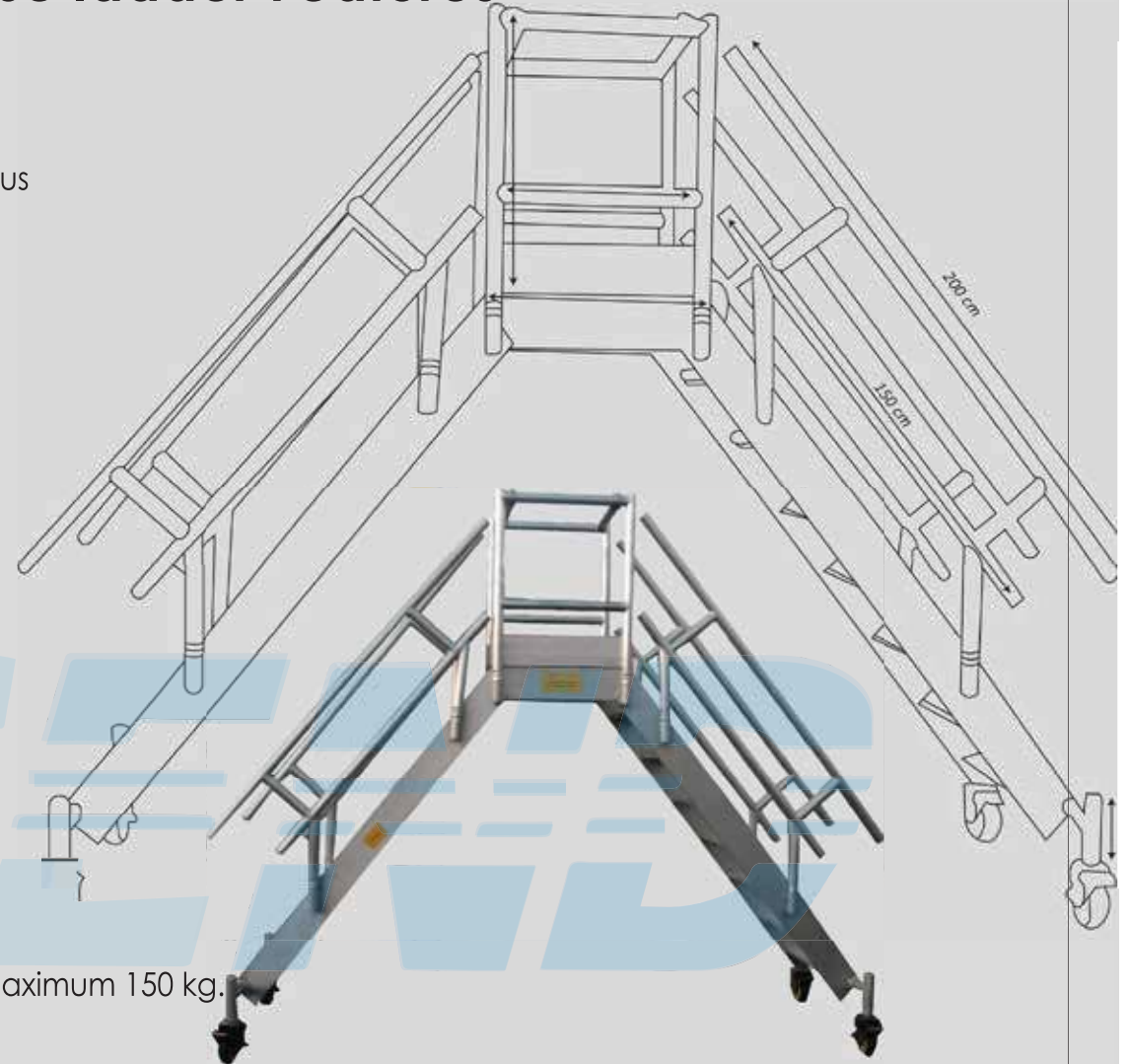
WAREHOUSE LADDER
2mtr PLATFORM HEIGHT



WAREHOUSE LADDER 4mtr PLATFORM HEIGHT

Dual Side Warehouse ladder Features

- This range is ideal for safe and secure high-level maintenance, the generous sized Work Platform is suitable for up to 2 operators plus their tools.
- For your peace of mind all the platforms are fully welded with Anti Slip Platform.
- Handrails are fitted to both sides of steps and over platform for work Safety.
- Main Pillars will be guarded with EN certified Caster Wheels.
- Main wall Pipe thickness is 2.5 mm. Alloy is 6061.
- The Double Ended Access Platforms have been load tested to a maximum 150 kg.



THREE LEVEL WARE HOUSE LADDER

WARE HOUSE LADDER FEATURES

- 3 level Warehouse ladders can also be called as Split-Level mobile platform is a fully welded Aluminium construction with 2 large platform areas giving the user maximum flexibility to operate safely at different levels.
- A highly popular product for loading/unloading lorries and containers and many other industrial applications.
- A large range exists with maximum safe platform heights. Midlevel platform will be fitted at the midpoint of the ladder unless otherwise specified.
- All our units are fully welded to give a Heavy-Duty construction.
- EN standard Wheels helps to relocate easily.
- Our products are processed from High Grade Alloy 6061
- Main wall pipe thickness is 2
- Welded and dismantled parts will be as per safety norms only.



WAREHOUSE LADDER WITH EXTENDED PLATFORM FEATURES

- The range has an extra-large platform with fixed caster wheels after every 2 metre. This heavy-duty ladder is processed from High Grade Alloy 6061 with mail pipe thickness 2.5 mm.
- Stairs are guarded with handrails for safe use. EN certified caster Wheels are fixed for easy access. Extensions of Platform can also be in separate length of 6 mtrs Platform to be installed as an when required.
- Anti Slip Wooden Long Platform is guarded with 1 mtr High rails for work safety. Extended Platform ladder can also be Modified as per requirement (if required side opening).



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		8	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		4.8 Kg	5.55 Kg	7.45 Kg	9.5 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:

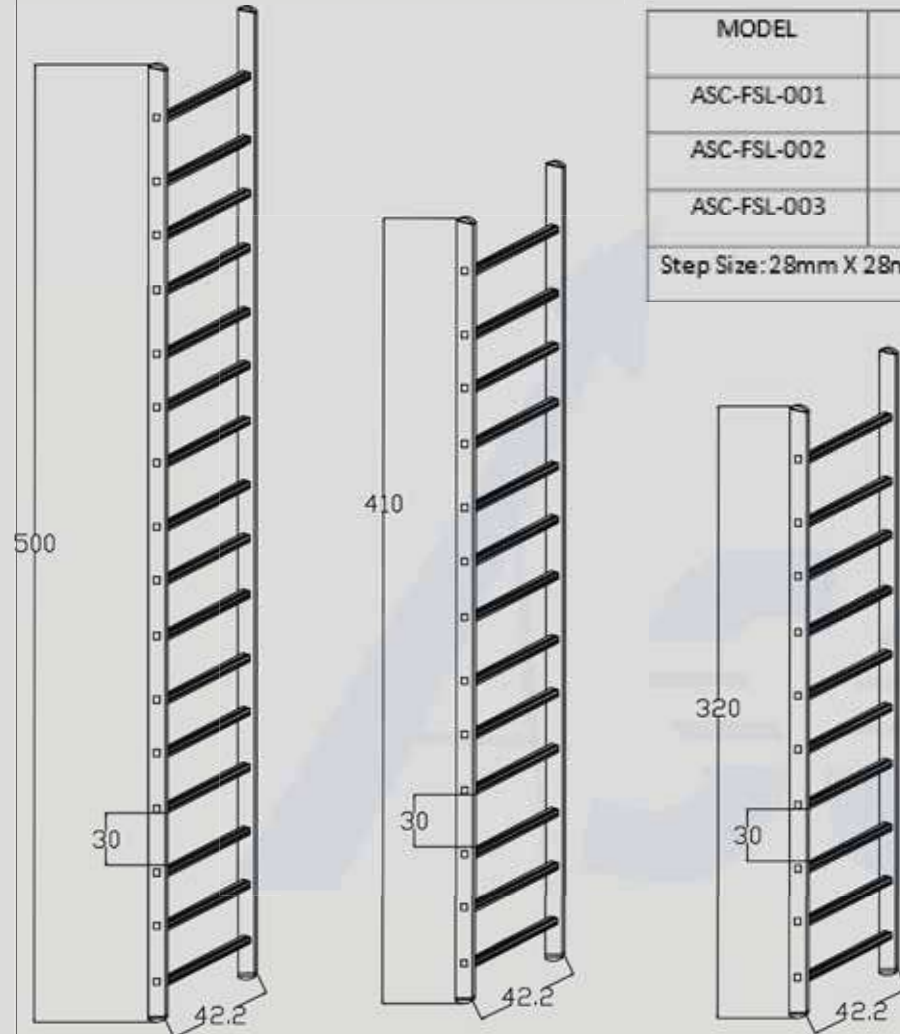
Box Section of 7.5 cm x 2.5 cm

Serrated Square Rungs 3 cm x 3cm

STRAIGHT LADDER FIBER GLASS

MODEL	No. of step	Length (CM)	Width (CM)	Max Load Kgs.	Weight in Kgs.
ASC-FSL-001	10	320	41	150Kg	7.1
ASC-FSL-002	13	410	41	150Kg	9.3
ASC-FSL-003	16	500	41	150Kg	11.1

Step Size : 28mm X 28mm



Height : 5.0Mtr
Steps : 16
Material : Fibre Glass

Height : 4.1Mtr
Steps : 13
Material : Fibre Glass

Height : 3.2Mtr
Steps : 10
Material : Fibre Glass

FIBERGLASS LADDERS BEAR A DUTY RATING OF 300 LBS. MAKING THEM DURABLE AND LONG LASTING.

THE SQUARE-RUNGS ARE SLIP RESISTANT AND THE DURABLE RAIL SHIELDS AND SHOE BRACKETS HELP TO PROTECT THE RAILS FROM DAMAGE.

COMFORTABLE SQUARE-RUNGS

MAR RESISTANT END CAPS

TWIST PROOF PERFORMANCE.



STRAIGHT LADDER TELESCOPIC

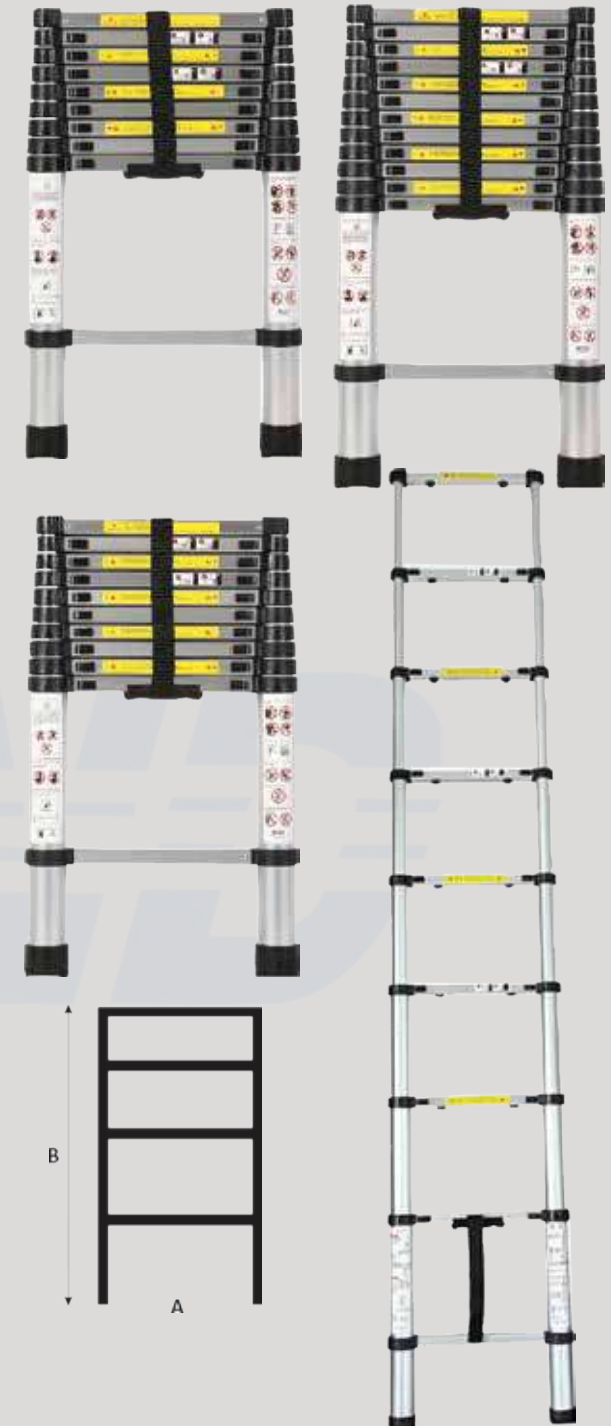
Telescopic Straight Ladder Technical Details

Model	No. of Step	A (CM)	B (CM) Folded Height	C (CM) TOTAL HEIGHT	MAX LOAD. Kgs.	Weight in Kgs.
ASC-TL-001	9	47	76	290	150 Kg	7.1 Kgs
ASC-TL-002	11	47.5	79	320	150 Kg	8.1 Kgs
ASC-TL-003	13	47.5	86	380	150 Kg	9.7 Kgs
ASC-TL-004	14	48	89	410	150 Kg	12 Kgs
ASC-TL-005	15	48	92	440	150 Kg	12.7 Kgs

Note: Space Between Two Rungs: 30 Cm

Telescopic Straight Ladder Features

1. SAFETY: Every section is designed to open and close safely, without injuring fingers. Non-slip end caps hold it firmly in place while you work, further enhancing its overall safety.
2. Extends and locks by the foot with easy no pinch closure system.
3. Integrated carrying handle heavy duty closure strap.
4. FEATURED MATERIAL: Constructed out of corrosion-resistant quality aluminum alloy, this lightweight aluminum ladder can support up to 330lbs.



STEP UP

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.

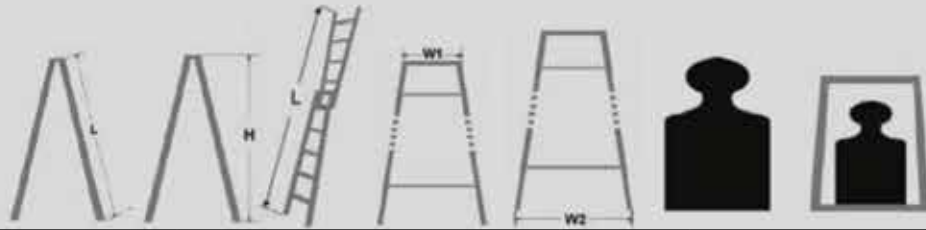
Convertible ladder – Conversion to long straight ladder in seconds where access to higher places is required.

SPECIFICATION

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



A LADDER HINGES



STEPS	LENGTH	HEIGHT	LENGTH (OPENED)	TOP WIDTH	BOTTOM WIDTH	SELF WEIGHT	CAPACITY	PRODUCT CODE
4	119CM	107CM	183CM	39 CM	42 CM	4.3 KG	150KG	ATL-00001
5	147CM	134CM	242CM	39 CM	51 CM	5.4 KG	150KG	ATL-00002
6	177CM	162CM	301CM	39 CM	54 CM	6.3 KG	150KG	ATL-00003
7	207CM	190CM	360CM	39 CM	56 CM	7.4 KG	150KG	ATL-00004
8	233CM	219CM	418CM	39 CM	60 CM	8.9 KG	150KG	ATL-00005
9	267CM	247CM	477CM	39 CM	63 CM	9.2 KG	150KG	ATL-00006
10	295CM	275CM	530CM	39 CM	67.5 CM	10.3 KG	150KG	ATL-00007
12	353CM	335CM	624CM	39 CM	74.5 CM	13.0 KG	150KG	ATL-00008



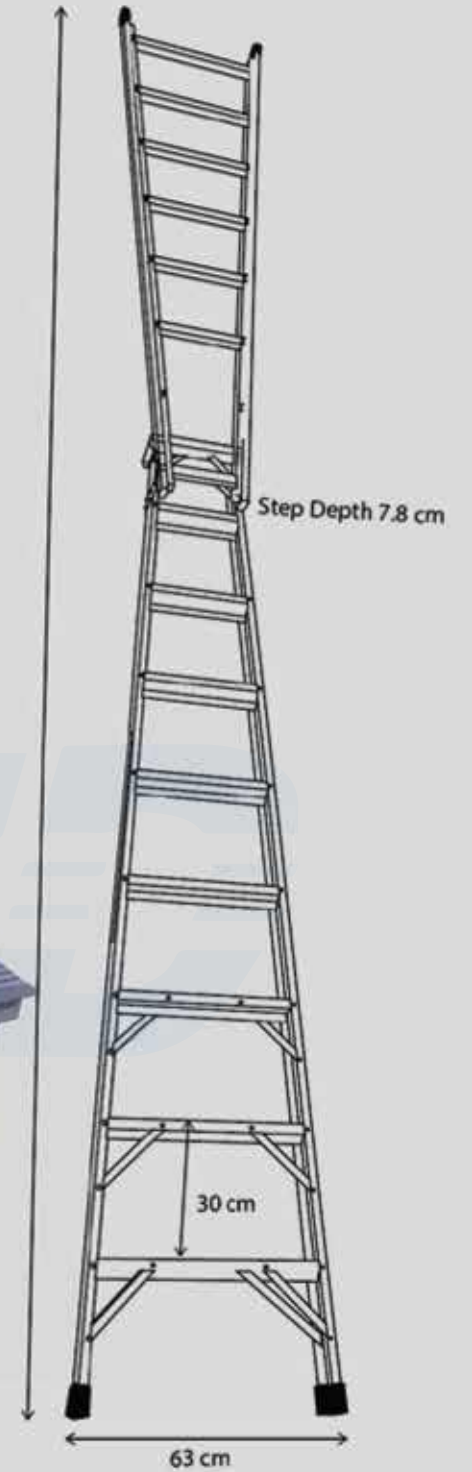
SERRATED STEPS



RUBBER FOOT



EXTENSION LOCK



A TYPE DOUBLE SIDED DUAL PURPOSE LADDER AND SINGLE SIDED LADDER

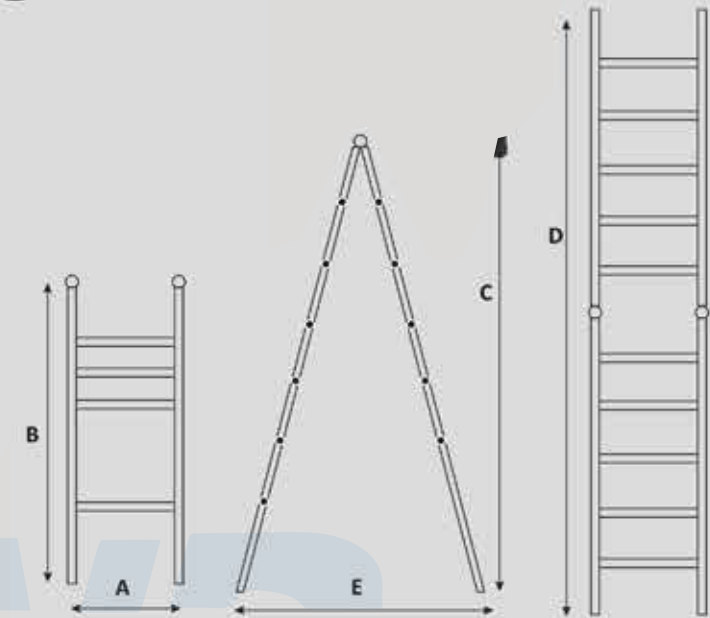


A TYPE LADDER TELESCOPIC

Telescopic Ladder A Type 3 Position Technical Details

Model	No.of step	A (CM)	B (CM) Folded Height	C (CM)	D (CM)	E (CM) Total Height	Max load. Kgs	Weight in Kgs
ASC-3PTL-001	2*5	47.5	86	156	320	100	150Kg	13Kgs
ASC-3PTL-002	2*6	47.5	89	185	380	120	150Kg	15Kgs
ASC-3PTL-003	2*7	48	92	214	440	140	150Kg	17Kgs
ASC-3PTL-004	2*8	48	95	243	500	150	150Kg	19Kgs
ASC-3PTL-005	2*9	48	98	272	560	170	150Kg	21Kgs

Note: Space Between Two Rungs: 30 Cm



A TYPE LADDER TELESCOPIC

Telescopic Ladder A Type 3 Position Features

1. Unique Extend and Locking Mechanism with Thumb Buttons Clicks Smooth.
2. **SAFE AND RELIABLE:** double grip handles on every rung guarantee your hands in right position to avoid pinching; bottom caps and angled feet, easy to secure the ladder to wall and floor; protection spacers avoid bumping and friction. Certificated To comply with European Safety Standard EN131; Max Load: 330 lb.
3. **PORTABLE AND CONVENIENT:** lightweight and compact size, easy to transport and store; a heavy duty closure strap secures the ladder firmly, easy to carry it with one hand. Great for Home/Building maintenance, Washing window, Exterior/Interior Decorating, Painting etc.
4. 4-way combination ladder system. It can be used as a telescoping ladder, twin stepladder, stairway stepladder. Heavy duty strap to fasten up for better storage.
5. Skid proof design. Safe and stable pedals, in compliance with skid resistant design standards. Attention: Make sure each of the steps FULL EXTENDED when use it as A Frame ladder



FIBER GLASS A TYPE

FIBER GLASS A TYPE LADDER FEATURES

1. **STURDY AND STRONG:** With its 300-Pound capacity, elegant design and smooth finish, you won't find a more durable, reliable ladder.
2. **WORK BECOMES EASIER:** Molded Top With Handyman's Tool Slots Each step secured with six, large headed, semi-tubular steel rivets for maximum strength.
3. **DESIGNED FOR YOUR NEEDS:** nonconductive structural molded top.
4. Molded top with handyman's tool slots, molded-in slots help keep tools close at hand
5. 300-pound load capacity, includes weight of user and tools

12 STEP DOUBLE SIDE LADDER

Height	: 342 cm
Steps	: 12
Material	: Fibre Glass



FIBER GLASS A TYPE SINGLE SIDED AND DOUBLE SIDED



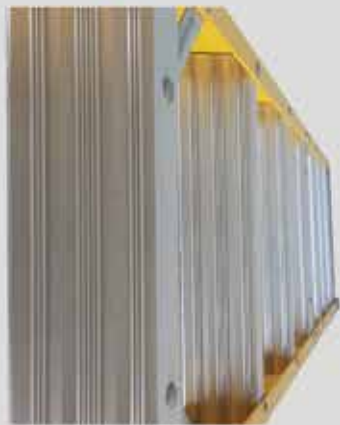
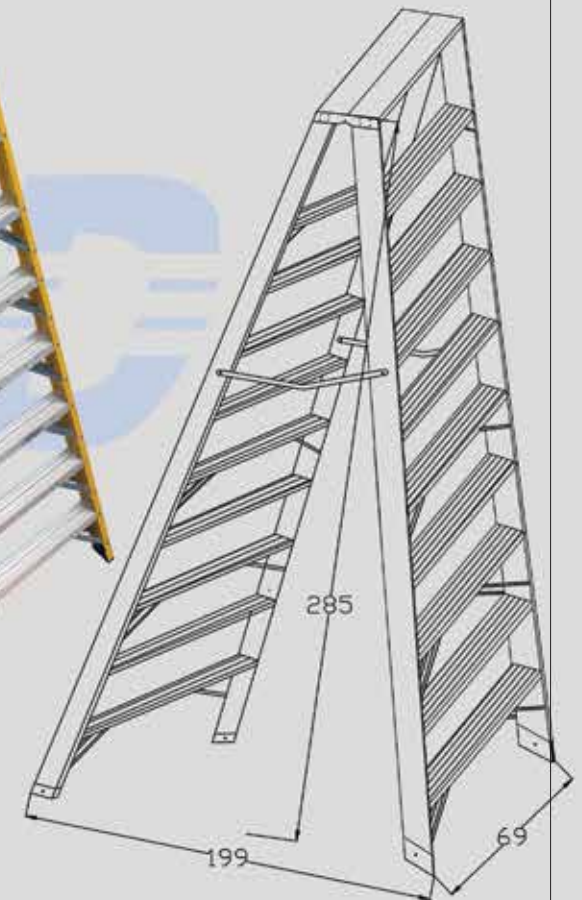
8 STEP DOUBLE SIDE LADDER

Height	: 227.5 cm
Steps	: 08
Material	: Fibre Glass



10 STEP DOUBLE SIDE LADDER

Height	: 285 cm
Steps	: 10
Material	: Fibre Glass



HOUSEHOLD STEP LADDER

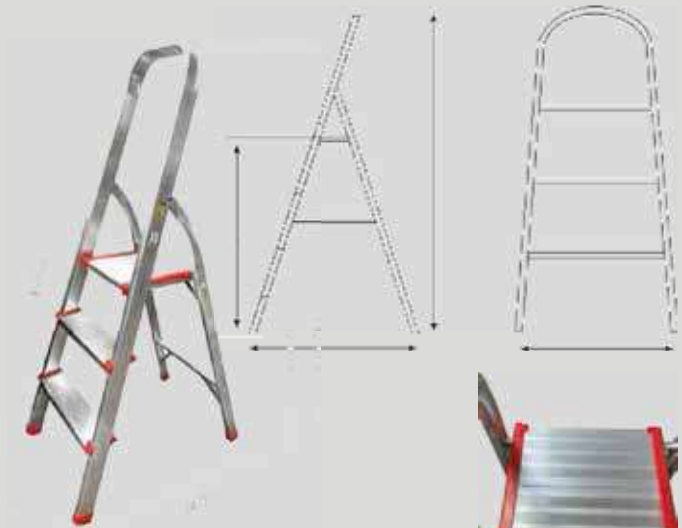
Household Ladder Technical Details

Model	No. of step	A (CM)	B (CM)	C (CM)	D (CM)	Max load. Kgs	Weight in Kgs	Extended size	Folded size
ASC-HL-001	3	109	62	40.5	59	150Kg	2.85Kgs	112*40*64cm	118*40*12cm
ASC-HL-002	4	129	73	43	79	150Kg	3.30Kgs	132*43*77cm	140*43*12cm
ASC-HL-003	5	149	89	45	119	150Kg	3.85Kgs	153.45*89cm	160*45*13cm
ASC-HL-004	6	169	103	47.5	139	150Kg	4.3Kgs	170*47*106cm	181*48*12cm
ASC-HL-005	7	189	114	50.5	159	150Kg	4.75Kgs	188*50*122cm	195*50*12cm
ASC-HL-006	8	209	129	53	179	150Kg	5.35Kgs	210*52*135cm	222*52*13cm

Space Between Two Rungs: 21 Cm

Household Ladder Features

- Super lightweight, yet industrial-rated construction
- Huge, comfortable standing platform. Storage height: 6 feet 2 inches. Width at base : 1 feet 7 inches
- Slim profile for easy transport and storage
- Amazing combination of strength and light weight at only 2/1 12 pounds



HEAVY DUTY STEP LADDER

- Super lightweight, yet industrial -rated construction.
- Huge, Comfortable Standing Platform,
- Slim profile for easy transport and storage.
- Amazing combination of strength and light weight.

The light weight Step Ladder opens easily with just one hand and offers comfortable, deep rungs with a huge, secure standing platform. With a lightweight, slim profile and extra heavy-duty construction. This step ladder the perfect climb-in-comfort solution for anyone from a seasoned construction pro to a busy do-it-yourself.

Feel confident on your step ladder with the tall handrail that adds even more stability and support.

HEAVY DUTY STEP LADDER								
S.No	STEPS	SELF HEIGHT	CBM	PLATFORM HEIGHT(CM)	Full Height (CM)	TOP WIDTH(CM)	BOTTOM WIDTH(CM)	LENGTH(CM)
1	3+1 (PLATFORM)	9.60 KG	0.35	112	192	39	56	206
2	4+1 (PLATFORM)	10.60 KG	0.42	144	224	39	60	235
3	5+1 (PLATFORM)	12.00 KG	0.51	170	250	39	64	267
4	6+1 (PLATFORM)	12.70 KG	0.6	197	277	39	67	297
STEPS-30CM								



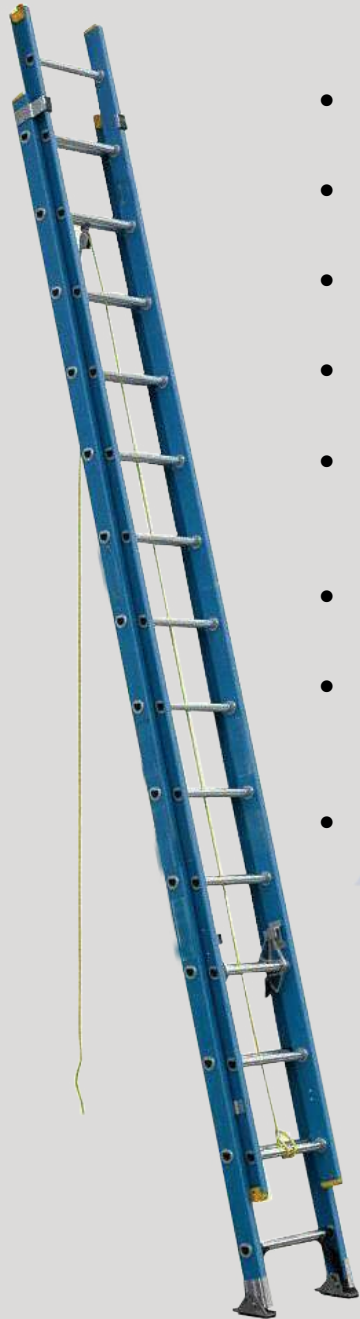
3+1 (PLATFORM)

4+1 (PLATFORM)

5+1 (PLATFORM)

6+1 (PLATFORM)

EXTENSION LADDER



- A superior range of fibreglass ladders covering all the popular sizes.
- Constructed to international standards. Strong, safe and lightweight to use.
- EN131 Classification
- Maximum permissible load 150kg.
- Large D shaped aluminium rungs positioned at the correct working angle for maximum comfort.
- Articulated safety feet with slip resistant tread.
- Safety locking device allows for the top section to lock automatically in the event that the rope is set loose.
- Non-conductive to 30,000V



S. NO	CLOSED	EXTENDEND	APPROX WEIGHT	RUNG/SECTION
1	2.0 M 6'6"	3.2 M 10'6"	10.0 KG	06
2	3.0 M 10'0"	5.2 M 17'3"	16.0 KG	09
3	4.0 M 13'0"	6.8 M 22'6"	21.0 KG	12
4	5.0 M 16'6"	8.5 M 28'3"	27.0 KG	15
5	6.0 M 20'0"	10.2 M 34'0"	32.0 KG	18

STEP UP

JUMBO

SNAPPY



EASE UP

HOP UP

QUIKR



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.

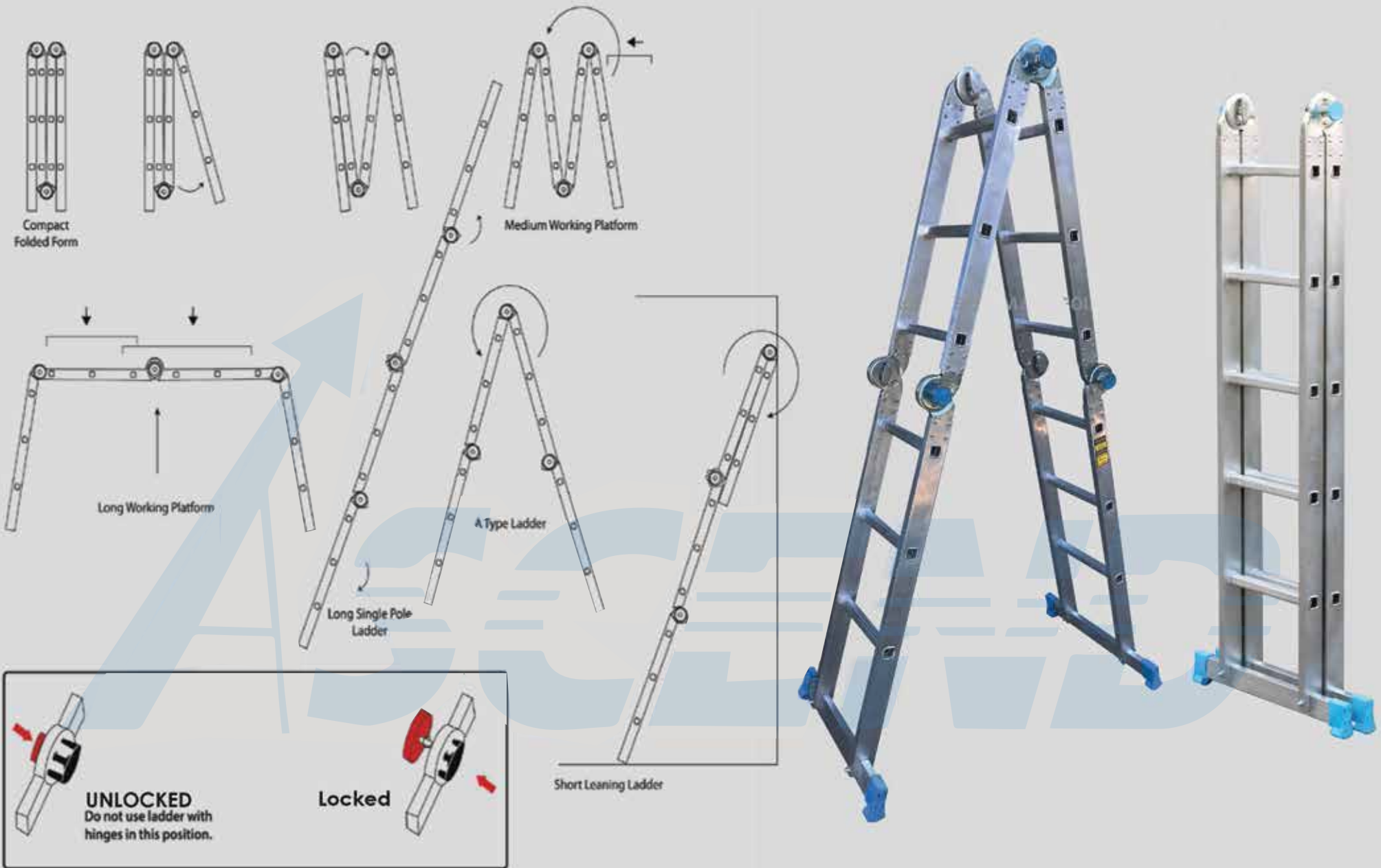
Specifications:

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.



Wide range of application due to quick height adjustment and transformation in different forms. Ladder can be formed into self-supporting ladder, lean-to ladder and many different configurations. When folded, it is compact and easy to be stored or Transported.

MULTI PURPOSE LADDER TECHNICAL DETAIL

Product Code		MPL -00001 (4 X 2)	MPL -00002 (5 X 2)	MPL -00003 (3 X 4)	MPL -00004 (7 X 2)	MPL -00005 (4 X 4)
No of Rungs		8	10	12	14	16
'A' Type Height	cm	135	158	184	216	244
	f	4.5	5.18	6.03	7.2	8.13
Rung Interval	cm	28	28	28	28	28
	f	0.91	0.91	0.91	0.91	0.91
Extended Length	cm	269	314	370	436	497
	f	8.9	10.3	12.1	14.5	16.5
Folded Height	cm	140	166	116	224	140
	f	4.66	5.53	3.86	7.4	4.59
Weight	kg	6.5	8.0	11.5	9.0	13.250



Sturdy Structure

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



LADDER LOCKING MECHANISM



Max Static Load : 150 Kg

Easier and faster than Conventional locking system

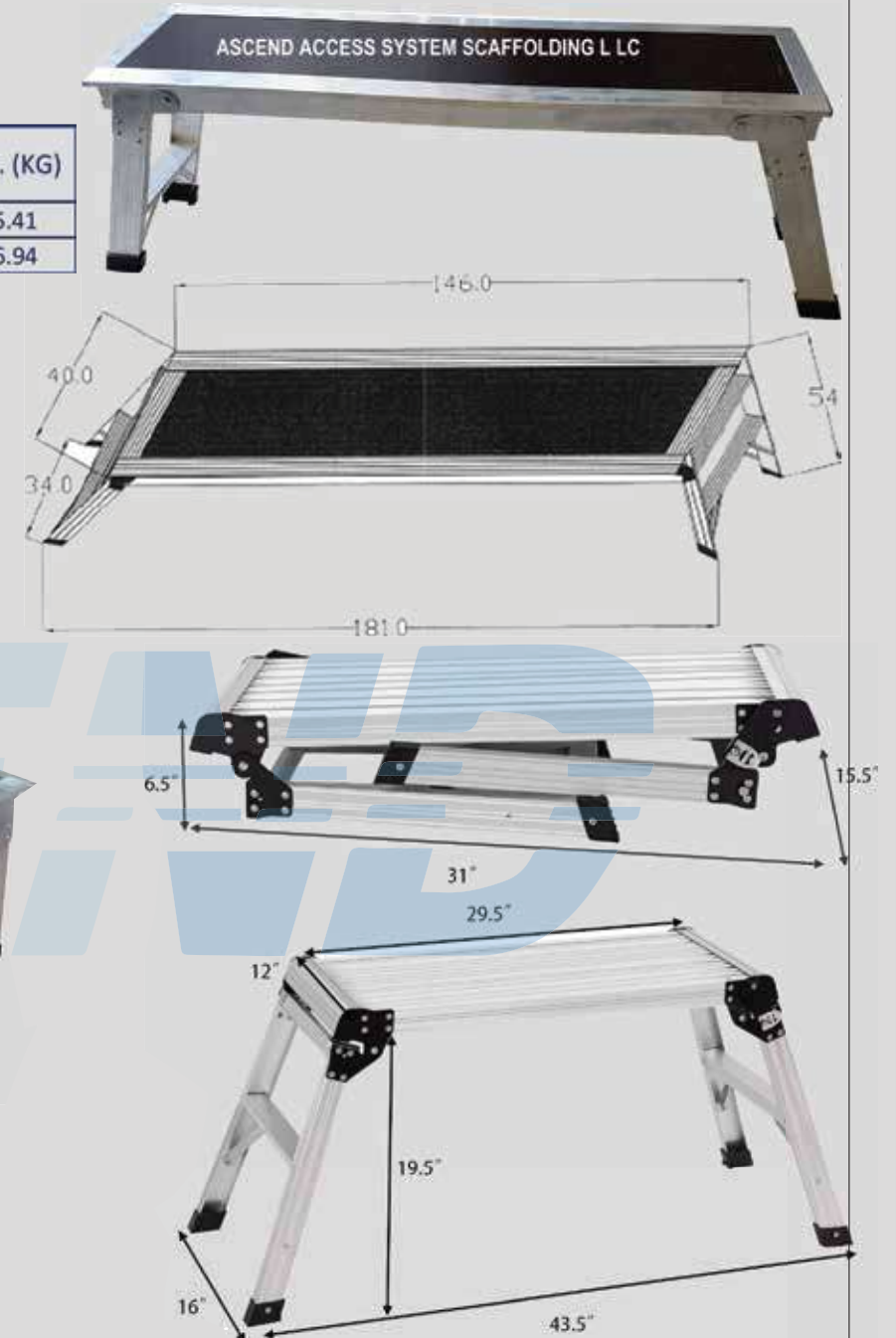
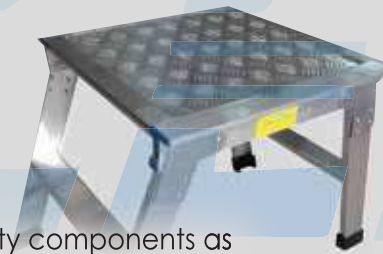


STEP TOP

SR. NO.	PRODUCT CODE	DISCRIPTION	SIZE (W X L)	STEPS	HEIGHT (CM)	WT. (KG)
1	STP - 002	STEP TOP LADDER (30 X 75)	30 CM X 75 CM	01	50 CM	5.41
2	STP - 001	STEP TOP LADDER (38 X 100)	38 CM X 100 CM	01	50 CM	6.94

STEP TOP FEATURES

1. Our new product "Step Top" is ideal for industrial use, for a garage, for cleaning etc.
2. Antislip platform feet & rungs
3. 2 Years manufacturer's warranty
4. "Step Top" allows us for additional work space when needed. Durable and mobile enough that it can be moved by one person on a flat surface.
5. Custom "Step Top" table is made from Aluminium 6061 T6 Alloy. Workbenches with variable platform height 0.5Meter to 1.0Meter at a reasonable price. Work surface height from the floor can be folded to perfect fit and easy storage
6. The "Step Top" heavy duty workbench utilizes the same heavy-duty components as our other popular products. Extremely rugged, supporting "90"Kgs on a 400mm wide unit.
7. Available in a variety of configurations to fit your specific needs. Easy to assemble.
Aluminium Colour: Gray (Can Be Customise) Easy to fold and can easily fit into the car.

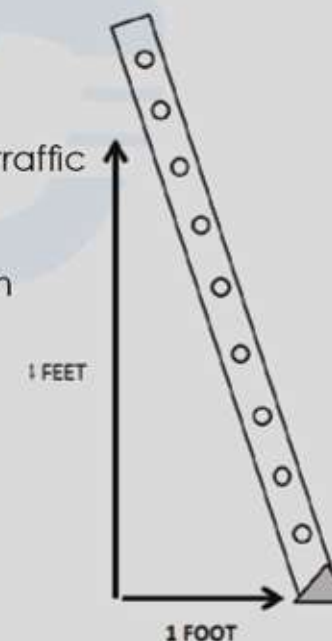


Ladders – Proper Set Up

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 or shift ladder while on it, ask someone to keep ladder base from slipping.



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.

SCAFFOLD FAQ'S

What is a Risk Assessment?

A risk Assessment is a careful examination of what, in your work, could cause harm to people, so that you can weigh up whether you have taken enough precautions or should you do more precautions to prevent harm.

RISK ASSESSMENT DEFINITIONS?

HAZARDS: Anything that has the potential to cause harm.

RISK: The probability or likelihood, of that hazard occurring and the severity of the resultant injury.

How do I select safe work equipment for working at height?

From your risk Assessment determine the safest and most appropriate equipment for the task. Consider working conditions, access / egress and duration / frequency of use. Use fiberglass (GRP) towers, ladders and steps for electrical work. Exercise good working practices.

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.

Is the scaffold stable?

Scaffolds can collapse if they are built on soft ground without timber sole plates to properly distribute the load, if they are too close to trenches or excavations, if they are not properly braced and tied to the supporting structure, or if they are badly out of level.

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. They 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.

AERIAL WORK PLATFORM

Aerial Work Platform Technical Details

MAX LOAD	: 200 KGS
NET WEIGHT	: 700 KGS
MAX PLATFORM HEIGHT	: 12 MTR
PLATFORM SIZE	: 1.45MTR (LENGTH) X 0.60 MTR (WIDTH)
BASE SIZE	: 1660MM X 970MM X 2000MM (CLOSED SIZE)
POWER	: 1.5 KW
VOLTAGE	: 220V
PLATFORM	: STEEL
THICKNESS	: 4MM
TUBE SIZE	: 50MM X 30MM X 3 MM (THICKNESS)
SUPPORT	: ALUMINUM T6005
BASE PART	: MADE BY SQUARE STEEL PIPE, 100MM X 50MM, PLATE IS WITH 4MM THICKNESS
WHEEL	: MADE FROM POLYESTER



Aerial Work Platform Features

- User-friendly ground and platform controls offer quick setup and simple operation
- Rocker base system makes it easy to maneuver around and over obstacles
- Small outrigger footprint allows for positioning close to walls
- Ground fault interrupter receptacle on the platform allows for safe use of power tools
- Auxiliary platform-lowering bypass for descent in the event of a power failure

SCISSOR LIFT

SCISSOR TYPE 'A' SELF DRIVE

Model	S31A-06-D	S41A-07-D	S52A-08-D	S62A-09-D
Working Height	625 cm	740 cm	855 cm	970 cm
Platform Height	425 cm	540 cm	655 cm	770 cm
Maximum Capacity	500 kg	350 kg	400 kg	300 kg
Platform Inside Dimensions	73 x 168 cm			
Platform Outside Dimensions	81 x 176 cm			
Base Dimensions	81 x 176 cm			
Stowed Height	120 cm	131 cm	142 cm	153 cm
Power source	Batteries			
Tyres (Solid)	40 cm			
Hydraulic tank	20 Liter			
Weight	920 kg	1020 kg	1120 kg	1220 kg

Standard
24 V - 110 Ah Batteries
Manual emergency lowering system
brakes

Options
Travel alarm
Mains power outlet on platform
Working light
Non-marking tyres
generator
petrol enging
Bi-energy batteries +220v

SCISSOR TYPE 'B' SELF DRIVE

Model	S32B-07-D	S42B-09-D	S54B-11-D	S64B-13-D
Working Height	765 cm	920 cm	855 cm	1230 cm
Platform Height	565 cm	720 cm	655 cm	1030 cm
Maximum Capacity	600 kg	450 kg	400 kg	400 kg
Platform Inside Dimensions	109 x 226 cm			
Platform Outside Dimensions	117 x 234 cm			
Base Dimensions	122 x 249 cm			
Stowed Height	136 cm	149 cm	162 cm	175 cm
Power source	48 V - Batteries			
Tyres (Solid)	45 cm			
Hydraulic tank	25 Liter			
Weight	1850 kg	2050 kg	2250 kg	2450 kg
Extension Length	100 cm			
Extension capacity	100 kg			

Standard
48 V - 100 Ah Batteries
Manual emergency lowering system
brakes

Options
Travel alarm
Mains power outlet on platform
Working light
Non-marking tyres
generator
petrol enging
Bi-energy batteries +220v



SCISSOR LIFT

SCISSOR TYPE 'C' SELF DRIVE

Model	S32C-09-D	S42C-13-D	S54C-15-D	S64C-17-D	S74C-20-D
Working Height	1045 cm	1290 cm	1535 cm	1780 cm	2030 cm
Platform Height	845 cm	1090 cm	1335 cm	1580 cm	1830 cm
Maximum Capacity	600 kg	400 kg	500 kg	360 kg	500 kg
Platform Inside Dimensions	165 x 335 cm				
Platform Outside Dimensions	175 x 345 cm				
Base Dimensions	185 x 360 cm				
Stowed Height	181 cm	200 cm	218 cm	237 cm	256 cm
Power source	48 V - Batteries				
Tyres (Solid)	55 cm				
Hydraulic tank	50 Liter				
Weight	2400 kg	2800 kg	3200 kg	5520kg	6000kg
Extension Length	100 cm				
Extension capacity	100 kg				

Standard
48 V - 100 Ah Batteries
Manual emergency lowering system
brakes

Options
Travel alarm
Mains power outlet on platform
Working light
Non-marking tyres
generator
petrol enging
Bi-energy batteries +220v



Scissor Lift Features

- 1.Scissor lifts are used for lifting and performing a variety of construction, installation, and maintenance tasks in the air. They are used for carrying workers to perform aerial tasks such as installing and maintaining windows, electrical fixtures, ducts, drywall, ceiling panels, and overhead sprinklers, among many others. For industrial use only.
- 2.It also has built in lanyard attachment points and operates with a low level of noise in quiet work environments.
- 3.It can be controlled from either the ground or platform and has a battery charge indicator as well as an on board diagnostic display for troubleshooting. It also has an emergency stop button, a descent alarm, an electronic horn, and a manual platform lowering valve for safety.



MODEL A



MODEL B



MODEL C



ASCEND Access Scaffolding L.L.C.

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