



PENGUIN[®]
LADDERS + SCAFFOLDING



EDITION D

**TAKING YOU
ONE STEP
HIGHER**



AL JARSH METAL SECTIONS MANUFACTURING LLC

Al Jarsh Metal Sections Manufacturing has been manufacturing access solutions since 2000. Our parent company Al Jarsh Trading Co. has been trading, assembling and exporting ladders for over 20 years. Through its expertise and market knowledge, Al Jarsh Metal Sections Manufacturing was incorporated, introducing our regional brands Penguin® and Reach®.

Company History:

- Manufacturing Facility started in 2000, in Al Quoz Industrial Area, Dubai for Ladders
- Introduction of Aluminium Scaffolding in 2006
- Fibreglass product range established in 2008
- Customized Access Solutions introduced in 2012
- Factory operations shifted to UAQ in 2018

What We Do:

- Ladders (Aluminium & Fibreglass)
- Mobile Access Towers (Aluminium Scaffolding)
- Platform Access Solutions
- Design, manufacture and install bespoke access solutions for a wide range of applications
- Fabricate Steel stands for material movement and handling

Our Values:

- Value for Money
- Customer Care
- Innovation
- Quality
- Integrity
- Safety

Emphasis on Quality:

Our products undergo vigorous inspection and regular quality checks alongside government-approved lab load test certification. Traceability is ensured through product marking and complete process documentation. We source for high-quality supplies with approved safety and quality certification.

Mission Statement/Objective:

To be the region's leading access solution provider, combining high quality with value for money and superior service.

Certifications:



ISO 9001:2015



CE Compliance

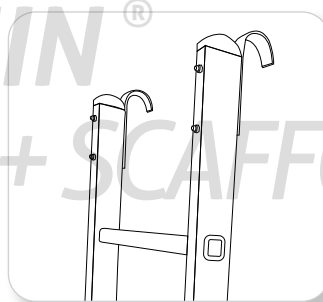
STRAIGHT LADDER



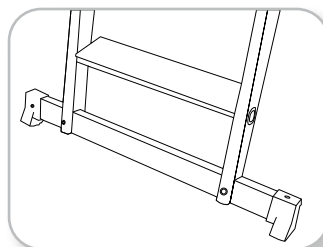
- Unique edged heavy duty rectangular channel construction gives greater strength than C-channel or normal rectangular channels
- Hard Aluminium Alloy increases strength of overall features and has stronger mechanical properties than other common alloys
- Ribbed channels and steps with anti-slip features allow greater grip when ascending/descending
- Mar-resistant PVC ribbed shoes are robust, non-marking and provide greater stability
- Box step section offers greater stability and climbing comfort
- Rung crimped onto channel for robustness and strength
- Optional hooks can be purchased to be used for steel scaffolding access, stabilizer bar**



+ ADDITIONAL OPTION



HOOK



STABILIZER BAR

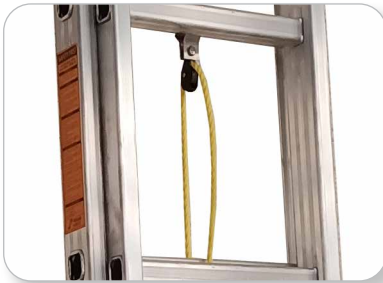
STRAIGHT LADDER				
LOAD CAPACITY: 150 KG				
ITEM CODE	STEPS	APPROXIMATE HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	KILOGRAMS
ALSL 5	5	1.8	5'11"	3.7
ALSL 6	6	2.1	6'11"	4.0
ALSL 7	7	2.4	7'10"	4.4
ALSL 8	8	2.7	8'10"	5.2
ALSL 9	9	3.0	9'10"	5.5
ALSL 10	10	3.3	10'10"	7.0
ALSL 11	11	3.6	11'10"	7.9
ALSL 12	12	3.9	12'10"	8.3
ALSL 13	13	4.2	13'9"	8.8
ALSL 14	14	4.5	14'9"	9.3
ALSL 15	15	4.8	15'9"	10.2
ALSL 16	16	5.1	16'9"	10.8
ALSL 17	17	5.4	17'9"	11.2
ALSL 18	18	5.7	18'8"	11.9
ALSL 19	19	6.0	19'8"	12.5

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

For areas where height is a factor and surroundings are constrained: Construction Roadworks Sewerage Steel scaffolding access

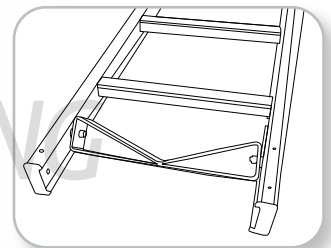
DOUBLE EXTENSION LADDER

- Solid die-cast aluminium hooks and a smooth operating pulley with durable rope
- Wide, flat step, with non-slip features, make it comfortable to climb and enhances ladder stability
- Unique rectangular shaped heavy duty profiles, gives greater strength than C-channel or normal box shaped profiles
- Light-weight, easy to use ladder that extends up to 11m access
- Two-step standing area when ladder sections are extended; can also be retracted for efficient storage
- Stabilizer bar for additional stability
- **Optional: Roof hook and/or butterfly rung for pole work.**



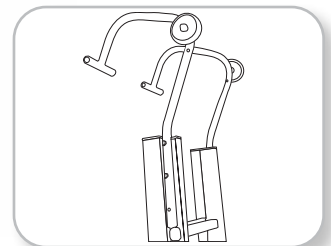
DOUBLE EXTENSION LADDER						
LOAD CAPACITY: 150 KG						
ITEM CODE	STEPS	FOLDED HEIGHT		EXTENDED HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	METRES	FEET	KILOGRAMS
ALDE 5	10	1.8 x 1.8	5'11" x 5'11"	3.0	9'10"	8.6
ALDE 6	12	2.1 x 2.1	6'11" x 6'11"	3.6	11'10"	9.7
ALDE 7	14	2.4 x 2.4	7'10" x 7'10"	4.2	13'9"	10.9
ALDE 8	16	2.7 x 2.7	8'10" x 8'10"	4.8	15'9"	12.1
ALDE 9	18	3.0 x 3.0	9'10" x 9'10"	5.4	17'9"	13.3
ALDE 10	20	3.3 x 3.3	10'10" x 10'10"	6.0	19'8"	14.4
ALDE 11	22	3.6 x 3.6	11'10" x 11'10"	6.6	21'8"	16.0
ALDE 12	24	3.9 x 3.9	12'10" x 12'10"	7.2	23'7"	16.8
ALDE 13	26	4.2 x 4.2	13'9" x 13'9"	7.8	25'7"	17.8
ALDE 14	28	4.5 x 4.5	14'9" x 14'9"	8.4	27'7"	18.2
ALDE 15	30	4.8 x 4.8	15'9" x 15'9"	9.0	29'6"	20.2
ALDE 16	32	5.1 x 5.1	16'9" x 16'9"	9.6	31'6"	21.2
ALDE 17	34	5.4 x 5.4	17'9" x 17'9"	10.2	33'6"	22.8
ALDE 18	36	5.7 x 5.7	18'8" x 18'8"	10.8	35'5"	23.9
ALDE 19	38	6.0 x 6.0	19'8" x 19'8"	11.4	37'5"	24.8

+ ADDITIONAL OPTION



BUTTERFLY RUNG

+ ADDITIONAL OPTION



ROOF HOOK

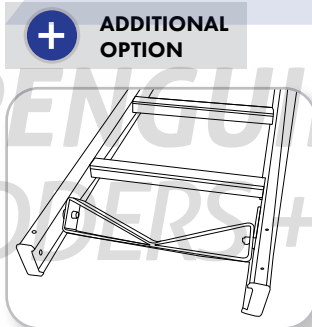
TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

For areas where height is a major factor and surroundings are constrained: Maintenance Construction Roadworks Sewerage

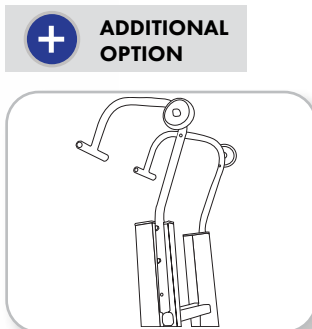
TRIPLE EXTENSION LADDER



- Solid die-cast aluminium hooks and a smooth operating pulley with durable rope
- Wide, flat step, with non-slip features, make it comfortable to climb and enhances ladder stability
- Unique rectangular heavy-duty profiles, gives greater strength than C-channel/box shaped profiles
- Light-weight, easy to use ladder that extends up to 16m access
- Multi-step standing area when ladder sections are extended; can also be retracted for efficient storage
- Wheels for glided assist to ease extension of ladder
- Stabilizer bar for additional stability
- **Optional: Roof hook and/or butterfly rung for pole work.**



BUTTERFLY RUNG



ROOF HOOK

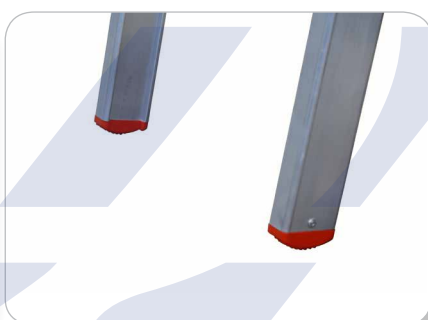
TRIPLE EXTENSION LADDER							LOAD CAPACITY: 150 KG
ITEM CODE	STEPS	FOLDED HEIGHT		EXTENDED HEIGHT		APPROXIMATE WEIGHT	
		METRES	FEET	METRES	FEET	KILOGRAMS	
ALTE 7	21	2.4 x 2.4 x 2.4	7'10" x 7'10" x 7'10"	6.0	19'8"	16.3	
ALTE 9	27	3.0 x 3.0 x 3.0	9'10" x 9'10" x 9'10"	7.8	25'7"	20.4	
ALTE 11	33	3.6 x 3.6 x 3.6	11'10" x 11'10" x 11'10"	9.6	31'6"	23.1	
ALTE 13	39	4.2 x 4.2 x 4.2	13'9" x 13'9" x 13'9"	11.4	37'5"	27.0	
ALTE 15	45	4.8 x 4.8 x 4.8	15'9" x 15'9" x 15'9"	13.2	43'4"	30.3	
ALTE 17	51	5.4 x 5.4 x 5.4	17'9" x 17'9" x 17'9"	15.0	49'3"	34.0	
ALTE 19	57	6.0 x 6.0 x 6.0	19'8" x 19'8" x 19'8"	16.8	55'1"	37.5	

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

For areas where height is a major factor and surroundings are constrained: Maintenance Construction Roadworks Sewerage

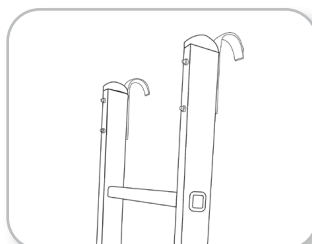
LIGHT ACCESS SINGLE LADDER

- Unique edged rectangular channel construction gives greater strength than C-channel or regular box rectangular sections
- Hard Aluminium Alloy increases strength of overall features and has stronger mechanical properties than other common alloys
- Ribbed channels and steps with anti-slip features allow greater grip when ascending/descending
- Mar-resistant end gaps are non-marking
- Box step offers greater strength and comfort than round or D-shape steps
- Rung crimped onto channel for robustness and strength
- Economically priced ladder



LIGHT ACCESS SINGLE LADDER				
LOAD CAPACITY: 125 KG				
ITEM CODE	STEPS	APPROXIMATE HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	KILOGRAMS
LASL 5	5	1.8	5'11"	2.9
LASL 6	6	2.1	6'11"	3.5
LASL 7	7	2.4	7'10"	4.1
LASL 8	8	2.7	8'10"	4.4
LASL 9	9	3	9'10"	4.9
LASL 10	10	3.3	10'10"	5.4
LASL 11	11	3.6	11'10"	5.8
LASL 12	12	3.9	12'10"	6.3
LASL 13	13	4.2	13'9"	6.8
LASL 14	14	4.5	14'9"	7.3
LASL 15	15	4.8	15'9"	7.7
LASL 16	16	5.1	16'9"	8.2
LASL 17	17	5.4	17'9"	8.6
LASL 18	18	5.7	18'8"	9
LASL 19	19	6	19'8"	9.5

+ ADDITIONAL OPTION



HOOK

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

Suited for electrical works:

Light Access

Construction

Roadworks

Sewerage

Steel Scaffolding Access

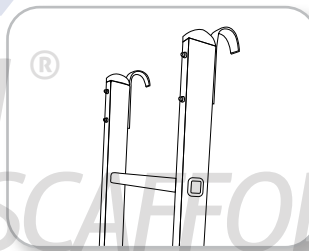
HEAVY DUTY STRAIGHT LADDER



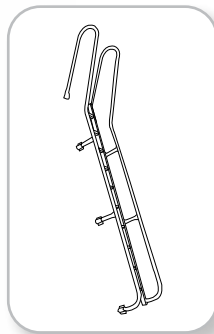
- Unique edged heavy duty rectangular channel construction gives greater strength than C-channel or normal rectangular channels
- Hard Aluminium Alloy increases strength of overall features and has stronger mechanical properties than other common alloys
- Ribbed channels and steps with anti-slip features allow greater grip when ascending/descending
- Step Depth of 100mm, gives large stepping area for greater stability and is ergonomically designed
- Heavy-duty padded metal shoes have wider surface area for additional stability, and mar-resistant endcaps to provide safety
- Rung crimped onto channel for robustness and strength, reinforced by weld strips
- Greater load bearing capacity
- **Optional items include base plate, hook and handrail, available on request**



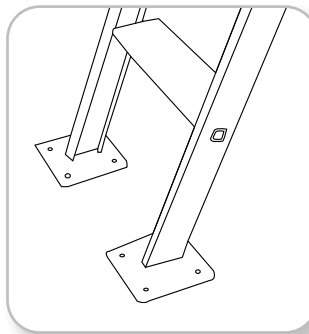
+ ADDITIONAL OPTIONS



HOOK



HANDRAIL



BASE PLATE

HEAVY DUTY STRAIGHT LADDER LOAD CAPACITY: 175 KG			
ITEM CODE	STEPS	APPROXIMATE HEIGHT	
		METRES	FEET
HDSL 5	5	1.61	5'3"
HDSL 6	6	1.89	6'2"
HDSL 7	7	2.17	7'1"
HDSL 8	8	2.46	8'1"
HDSL 9	9	2.74	8'12"
HDSL 10	10	3.02	9'11"
HDSL 11	11	3.3	10'10"
HDSL 12	12	3.58	11'9"
HDSL 13	13	3.86	12'8"
HDSL 14	14	4.15	13'7"
HDSL 15	15	4.43	14'6"
HDSL 16	16	4.71	15'5"
HDSL 17	17	5	16'5"
HDSL 18	18	5.27	17'3"
HDSL 19	19	5.56	18'3"

NOTE: WEIGHT IS CALCULATED AS PER FINAL STEP WIDTH DIMENSIONS AND ADDITIONAL OPTION(S) CHOSEN
TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

Ideal for general, heavy-duty applications:

Maintenance/ Repair Jobs

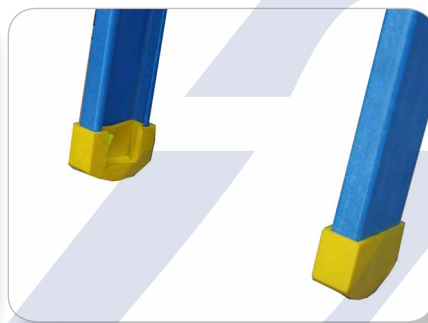
Heavy-Duty DIY

Painting Jobs

Installation Works

FIBREGLASS STRAIGHT LADDER

- Heavy-duty customised box channel, electrically non-conductive side rails
- Aluminium steps reduce overall weight
- Square steps provide stronger connection to channels, with anti slip features
- Wide flared PVC shoes with slip-resistant pad for extra grip
- Rungs riveted onto channel for robustness and strength



**ELECTRICALLY
NON-CONDUCTIVE**

FIBREGLASS STRAIGHT LADDER
LOAD CAPACITY: 150 KG

ITEM CODE	STEPS	APPROXIMATE HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	KILOGRAMS
FGSL 5	5	1.8	5'11"	4.0
FGSL 6	6	2.1	6'11"	4.6
FGSL 7	7	2.4	7'10"	5.2
FGSL 8	8	2.7	8'10"	5.8
FGSL 9	9	3.0	9'10"	6.4
FGSL 10	10	3.3	10'10"	7.0
FGSL 11	11	3.6	11'10"	7.6
FGSL 12	12	3.9	12'10"	8.2
FGSL 13	13	4.2	13'9"	8.7
FGSL 14	14	4.5	14'9"	9.3
FGSL 15	15	4.8	15'9"	9.9
FGSL 16	16	5.1	16'9"	10.5
FGSL 17	17	5.4	17'9"	11.1
FGSL 18	18	5.7	18'8"	11.7
FGSL 19	19	6.0	19'8"	12.3

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

Suited for electrical works:

Maintenance

Installation

Telecom Sectors

Electricity Providers

FIBREGLASS DOUBLE EXTENSION LADDER



- Heavy-duty customised box channel, electrically non-conductive side rails
- Aluminium steps reduce overall weight
- Square steps provide stronger connection to channels, with anti slip features
- Wide stabilizer bar with PVC shoes for extra stability
- Rungs riveted onto channel for robustness and strength
- Mar-resistant end caps (PVC)
- Solid cast aluminium hooks and a smooth operating pulley with durable rope
- Interlocking side rails, guided by end caps, provide frictionless, non-marking movement



**ELECTRICALLY
NON-CONDUCTIVE**

FIBREGLASS DOUBLE EXTENSION LADDER						
LOAD CAPACITY: 150 KG						
ITEM CODE	STEPS	FOLDED HEIGHT		EXTENDED HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	METRES	FEET	KILOGRAMS
FGDE 5	10	1.8 x 1.8	5'11" x 5'11"	3.0	9'11"	9.0
FGDE 6	12	2.1 x 2.1	6'11" x 6'11"	3.6	11'10"	10.1
FGDE 7	14	2.4 x 2.4	7'10" x 7'10"	4.2	13'9"	11.3
FGDE 8	16	2.7 x 2.7	8'10" x 8'10"	4.8	15'9"	12.4
FGDE 9	18	3.0 x 3.0	9'10" x 9'10"	5.4	17'9"	13.8
FGDE 10	20	3.3 x 3.3	10'10" x 10'10"	6.0	19'8"	14.9
FGDE 11	22	3.6 x 3.6	11'10" x 11'10"	6.6	21'8"	16.1
FGDE 12	24	3.9 x 3.9	12'10" x 12'10"	7.2	23'7"	17.3
FGDE 13	26	4.2 x 4.2	13'9" x 13'9"	7.8	25'7"	18.5
FGDE 14	28	4.5 x 4.5	14'9" x 14'9"	8.4	27'7"	19.7
FGDE 15	30	4.8 x 4.8	15'9" x 15'9"	9.0	29'6"	20.8
FGDE 16	32	5.1 x 5.1	16'9" x 16'9"	9.6	31'6"	22.1
FGDE 17	34	5.4 x 5.4	17'9" x 17'9"	10.2	33'6"	23.2
FGDE 18	36	5.7 x 5.7	18'8" x 18'8"	10.8	35'5"	24.4
FGDE 19	38	6.0 x 6.0	19'8" x 19'8"	11.4	37'5"	25.5

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

Suited for electrical works:

Maintenance

Installation

Telecom Sectors

Electricity Providers

COMPACT STOOL LADDER

- Model features steps which have wide depth and width, offering comfortable stepping and standing surfaces
- Compact Stool model is compact and saves storage space
- Non-slip ribbed steps at 45 degree angle, promoting a comfortable descent
- Guardrail provided for safety whilst user stands on top step, is foldable and can be removed
- Optional items include wheels (fixed), carrying handle and rubber padding**



COMPACT STOOL LADDER				
LOAD CAPACITY: 175 KG				
ITEM CODE	STEPS	APPROXIMATE PLATFORM HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	KILOGRAMS
CSL 2	2	0.4	1'4"	8.3
CSL 3	3	0.6	1'11"	10.5
CSL 4	4	0.8	2'7"	13.0
CSL 5	5	1.0	3'3"	15.6

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

Applicable for: Workshops Low height access area Repetitive Material access

STEP STOOL

- Hard PVC plastic top has high load capacity
- Wide front step and sturdy front channel makes climb effortless
- Anti-slip PVC shoes, aluminium hinges and step bracing contribute to overall safety
- Single sided ascent/descent of ladder



STEP STOOL				
LOAD CAPACITY: 150 KG				
ITEM CODE	STEPS + TOP	FREESTANDING HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	KILOGRAMS
STL 2	2 (1+1)	0.5	1'8"	2.6
STL 3	3 (2+1)	0.75	2'6"	3.6

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

Ideal for light duty/daily tasks: At Home Workplace Retail Store DIY

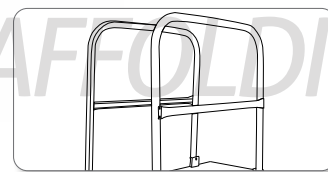
PLANK STOOL



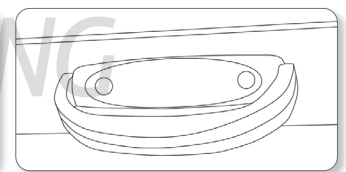
- Aluminium folding planks for DIY and trade use
- Wide non-skid aluminium ribbed platform is strong and has a large standing area
- Lightweight compact mode, easy to fold, carry and store
- Ideal for low level maintenance work, quick installation, etc
- Lockable hinges as an embedded safety feature
- PVC anti-slip non-marking shoes
- Optional handle for ease in carrying and/or handrails of 800mm height for added safety**



+ ADDITIONAL OPTIONS



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HANDLE

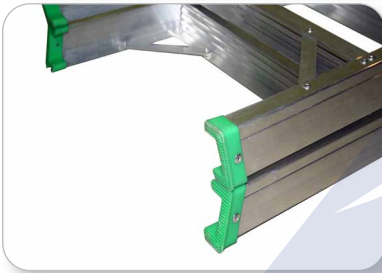
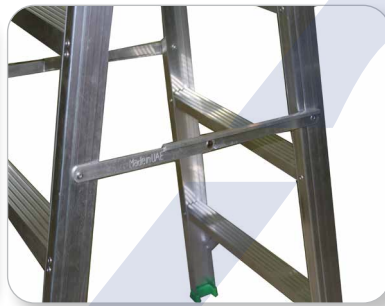
PLANK STOOL								LOAD CAPACITY: 150 KG	
ITEM CODE	STEPS + PLATFORM	PLATFORM HEIGHT		PLATFORM LENGTH		PLATFORM WIDTH		OUTER DIMENSIONS (W X D)	
		METRES	FEET	METRES	FEET	METRES	FEET	METRES	FEET
PLNK2/800	1+1	0.50	1'7"	0.80	2'7"	0.36	1'2"	0.45 x 1.11	1'6" x 3'6"
PLNK3/1000	2+1	0.75	2'6"	1.00	3'3"	0.36	1'2"	0.49 x 1.38	1'7" x 4'6"
HD-PLNK3/1200	2+1	0.90	2'11"	1.20	3'11"	0.48	1'7"	0.64 x 1.67	2'1" x 5'6"
SQ-PLNK2/600	1+1	0.5	1'8"	0.6	1'12"	0.48	1'7"	0.569 x 0.861	1' 10" x 2' 10"

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE
OTHER DIMENSIONS AVAILABLE ON REQUEST

Ideal for: Painting & decorating works Plastering False ceiling Installation Car Maintenance Jobs Vehicular Roof Access

DOUBLE SIDED LADDER

- Light-weight economical model suited for general usage
- Extra wide flat top with a protective plastic side guard
- Wide steps with extra grip for comfortable foot resting
- Identical front & back sections allow access from each side
- Non-slip shoes provide firm grip on the floor



DOUBLE SIDED LADDER
LOAD CAPACITY: 125 KG

ITEM CODE	STEPS	FREESTANDING HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	KILOGRAMS
ALDS 4	4	1.0	3'3"	2.6
ALDS 5	5	1.2	3'11"	3.3
ALDS 6	6	1.5	4'11"	4.1
ALDS 7	7	1.7	5'7"	4.8
ALDS 8	8	2.0	6'7"	5.3
ALDS 9	9	2.2	7'3"	6.3
ALDS 10	10	2.5	8'2"	7.1
ALDS 12	12	3.0	9'10"	8.7
ALDS 14	14	3.5	11'6"	11.0
ALDS 16	16	4.0	13'1"	12.5

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE
THE NUMBER OF STEPS MENTIONED INCLUDES THE TOP STEP, ALTHOUGH ONE MUST NOT STAND/WORK ON THIS STEP

Ideal for all general, light-duty applications: Construction DIY Retail Workplace

TWO-IN-ONE LADDER



- Oval steps prevent discomfort as caused by round rungs and allow greater productivity
- Latch allows double lock in straight mode; hinge provides safe locking in A-mode
- Smooth edged finishing prevents bodily harm
- Facilitates access to heights when in straight mode or offers ability to carry out work in A-mode



Note: Following sizes are not extendable into straight mode

- TIO 3
- TIO 4
- TIO 12

TWO-IN-ONE LADDER								
LOAD CAPACITY: 150 KG								
ITEM CODE	STEPS	APPROX STILE LENGTH		A MODE HEIGHT		EXTENDED HEIGHT		APPROX WEIGHT
		METRES	FEET	METRES	FEET	METRES	FEET	KILOGRAMS
TIO 3	3	0.9	3'	0.7	2'4"	—	—	3.3
TIO 4	4	1.2	4'	1.0	3'3"	—	—	4.4
TIO 5	5	1.5–2.6	5' to 8'6"	1.3	4'3"	2.2	7'3"	5.5
TIO 6	6	1.8–3.2	6' to 10'6"	1.6	5'3"	2.8	9'2"	6.6
TIO 7	7	2.1–3.8	7' to 12'6"	1.9	6'3"	3.4	11'2"	7.8
TIO 8	8	2.4–4.4	8' to 14'5"	2.2	7'3"	3.9	12'10"	8.9
TIO 9	9	2.7–5.1	9' to 16'9"	2.5	8'3"	4.5	14'9"	10.1
TIO 10	10	3.0–5.6	10' to 18'4"	2.8	9'2"	5.0	16'5"	11.4
TIO 12	12	3.6	12'	3.3	10'10"	—	—	13.8

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE
THE NUMBER OF STEPS MENTIONED INCLUDES THE TOP STEP, ALTHOUGH ONE MUST NOT STAND/WORK ON THIS STEP

Generally used when straight access or as A-type long duration works are required:

Construction

Stores

DIY

SINGLE SIDED PLASTIC TOP LADDER

- Durable plastic tool holder which accommodates bucket handles and other tools
- Wide, slip-resistant aluminium steps allows one to stand comfortably for long durations of time
- Front ascent only meant for single person use
- 74° angle positioning and conical construction ensures safety when standing upright
- Wide aluminium channel for grip and extra strength



**SINGLE SIDED
PLASTIC TOP LADDER**
LOAD CAPACITY: 150 KG

ITEM CODE	STEPS + TOP	FREESTANDING HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	KILOGRAMS
SSPT 4	4 (3+1)	1.1	3'7"	4.4
SSPT 5	5 (4+1)	1.4	4'7"	5.0
SSPT 6	6 (5+1)	1.7	5'7"	5.6
SSPT 7	7 (6+1)	2.0	6'7"	7.0
SSPT 8	8 (7+1)	2.3	7'7"	8.0

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE
THE NUMBER OF STEPS MENTIONED INCLUDES THE TOP STEP, ALTHOUGH ONE MUST NOT STAND/WORK ON THIS STEP

Ideal for general, heavy-duty applications:

Maintenance/ Repair Jobs

Heavy-Duty DIY

Painting Jobs

Installation Works

DOUBLE SIDED PLASTIC TOP LADDER



- Durable plastic tool holder accommodates bucket handles and other tools
- Wide, slip-resistant aluminium steps allows one to stand comfortably for long durations of time
- Ascent possible from front and back thereby permitting two persons to use the ladder at the same time
- 74° angle positioning and conical construction ensures safety when standing upright
- Wide aluminium channel for grip and extra strength



DOUBLE SIDED PLASTIC TOP LADDER LOAD CAPACITY: 150 KG				
ITEM CODE	STEPS + TOP	FREESTANDING HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	KILOGRAMS
DSPT 4	4 (3+1)	1.1	3'7"	5.0
DSPT 5	5 (4+1)	1.4	4'7"	6.1
DSPT 6	6 (5+1)	1.7	5'7"	7.2
DSPT 7	7 (6+1)	2.0	6'7"	8.6
DSPT 8	8 (7+1)	2.3	7'7"	9.75
DSPT 10	10 (9+1)	2.9	9'6"	12.65

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE
THE NUMBER OF STEPS MENTIONED INCLUDES THE TOP STEP, ALTHOUGH ONE MUST NOT STAND/WORK ON THIS STEP

Ideal for general, heavy-duty applications:

Maintenance/ Repair Jobs

Heavy-Duty DIY

Painting Jobs

Installation Works

HD DOUBLE SIDED ALUMINIUM TOP LADDER

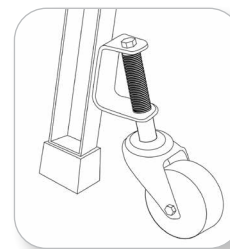
- Extra wide heavy-duty flat aluminium top can also be stood on for greatest height access
- Wide, slip-resistant aluminium steps allows one to stand comfortably for long durations of time
- Identical front and back sections permit two persons to use the ladder at the same time
- 74° angle positioning and conical construction ensures safety when standing upright
- Wide aluminium channel for grip and extra strength
- **Optional plastic top (HDDSPT) and spring castor wheels available on request**



HEAVY-DUTY DOUBLE SIDED ALUMINIUM TOP LADDER LOAD CAPACITY: 175 KG				
ITEM CODE	STEPS	FREESTANDING HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	KILOGRAMS
HDDSAT 2	2	0.5	1'7"	3.9
HDDSAT 3	3	0.8	2'7"	5.5
HDDSAT 4	4	1.1	3'7"	6.7
HDDSAT 5	5	1.4	4'7"	8.1
HDDSAT 6	6	1.7	5'7"	9.7
HDDSAT 7	7	2.0	6'7"	11.0
HDDSAT 8	8	2.3	7'7"	12.5
HDDSAT 10	10	2.9	9'6"	15.8
HDDSAT 12	12	3.5	11'6"	20.1
HDDSAT 14	14	4.0	13'1"	24.0
HDDSAT 15	15	4.3	14'1"	26.0
HDDSAT 16	16	4.6	15'1"	28.7
HDDSAT 17	17	4.9	16'1"	30.7

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE
THE NUMBER OF STEPS MENTIONED INCLUDES THE TOP STEP, ALTHOUGH ONE MUST NOT
STAND/WORK ON THIS STEP

**+ ADDITIONAL
OPTIONS**



SPRINGWHEEL



PLASTIC TOP

Ideal for general, heavy-duty applications:

Maintenance/ Repair Jobs

Heavy-Duty DIY

Painting Jobs

Installation Works

FIBREGLASS DOUBLE SIDED PLASTIC TOP LADDER

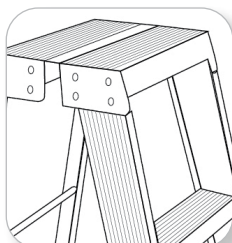


- Plastic top contains tool holding provision
- Aluminium steps reduce overall weight without reducing protection level
- Identical front and back sections permit two persons to use the ladder at the same time
- 74° angle positioning and conical construction ensures safety when standing upright
- Wide fibreglass channel for grip and extra strength
- **Optional aluminium top (FGDSAT) available on request**



**ELECTRICALLY
NON-CONDUCTIVE**

**+ ADDITIONAL
OPTION**



ALUMINIUM TOP

FIBREGLASS DOUBLE SIDED PLASTIC TOP LADDER

LOAD CAPACITY: 175 KG

ITEM CODE	STEPS + TOP	FREESTANDING HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	KILOGRAMS
FGDSPT 2	2 (1+1)	0.5	1'7"	6.5
FGDSPT 3	3 (2+1)	0.8	2'7"	7.6
FGDSPT 4	4 (3+1)	1.1	3'7"	8.5
FGDSPT 5	5 (4+1)	1.4	4'7"	10.1
FGDSPT 6	6 (5+1)	1.7	5'7"	11.9
FGDSPT 7	7 (6+1)	2.0	6'7"	13.6
FGDSPT 8	8 (7+1)	2.3	7'7"	15.7
FGDSPT 10	10 (9+1)	2.9	9'6"	20.1
FGDSPT 12	12 (11+1)	3.5	11'6"	23.0
FGDSPT 14	14 (13+1)	4.0	13'1"	32.0
FGDSPT 16	16 (15+1)	4.6	15'1"	36.7

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE
THE NUMBER OF STEPS MENTIONED INCLUDES THE TOP STEP, ALTHOUGH ONE MUST NOT STAND/WORK ON THIS STEP

Ideal for all high voltage environments:

Cabling Works

Firefighting Industry

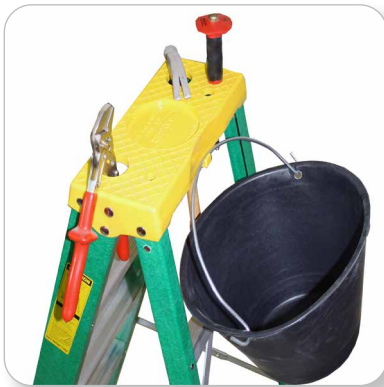
MEP Works

Telecom Businesses

CCTV Installations

FIBREGLASS SINGLE SIDED PLASTIC TOP LADDER

- Durable plastic tool holder which accommodates bucket handles and other tools
- Aluminium steps reduce overall weight without reducing protection level
- Front ascent only meant for single person use
- 74° angle positioning and conical construction ensures safety when standing upright
- Wide fibreglass channel for grip and extra strength



**ELECTRICALLY
NON-CONDUCTIVE**

**FIBREGLASS SINGLE SIDED
PLASTIC TOP LADDER**
LOAD CAPACITY: 150 KG

ITEM CODE	STEPS + TOP	FREESTANDING HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	KILOGRAMS
FGSSPT 4	4 (3+1)	1.1	3'7"	4.5
FGSSPT 5	5 (4+1)	1.4	4'7"	6.3
FGSSPT 6	6 (5+1)	1.7	5'7"	7.8
FGSSPT 7	7 (6+1)	2.0	6'7"	8.9
FGSSPT 8	8 (7+1)	2.3	7'7"	10.5
FGSSPT 10	10 (9+1)	2.8	9'2"	13.3
FGSSPT 12	12 (11+1)	3.4	11'2"	14.8

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE
THE NUMBER OF STEPS MENTIONED INCLUDES THE TOP STEP, ALTHOUGH ONE MUST NOT STAND/WORK ON THIS STEP

Ideal for high voltage environments: Cabling Works Firefighting Industry MEP Works Telecom Businesses CCTV Installations

FULL FIBREGLASS DOUBLE SIDED LADDER



- ▬ Fibreglass steps are ribbed for extra strength, and are anti-slip
- ▬ Fibre crossbars provide extra strength to steps and structure
- ▬ Plastic top contains tool holding provision
- ▬ Identical front and back sections permit two persons to use the ladder at the same time
- ▬ 74° angle positioning and conical construction ensures safety when standing upright
- ▬ Wide fibreglass channel for grip and extra strength



**ELECTRICALLY
NON-CONDUCTIVE**

FULL FIBREGLASS DOUBLE SIDED LADDER
LOAD CAPACITY: 150 KG

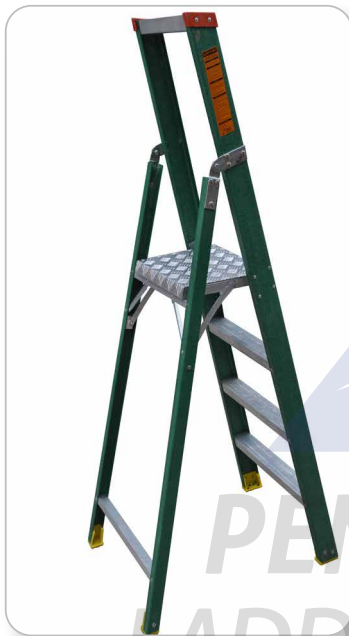
ITEM CODE	STEPS + TOP	FREESTANDING HEIGHT		APPROXIMATE WEIGHT
		METRES	FEET	KILOGRAMS
FFDS 4	4 (3+1)	1.1	3'7"	8.5
FFDS 6	6 (5+1)	1.7	5'7"	11.9
FFDS 8	8 (7+1)	2.3	7'7"	15.8
FFDS 10	10 (9+1)	2.9	9'6"	20.1
FFDS 12	12 (11+1)	3.5	11'6"	23.0

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE
THE NUMBER OF STEPS MENTIONED INCLUDES THE TOP STEP, ALTHOUGH ONE MUST NOT STAND/WORK ON THIS STEP

Applicable for: Zone 1 Environments in Oil & Gas Industries Pharmaceutical & Medical Industries

FIBREGLASS PLATFORM LADDER

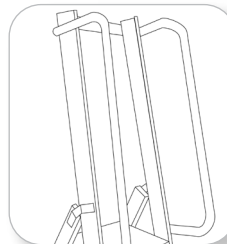
- Wide fibreglass channel for grip and extra strength
- Wide slip resistant aluminium steps for comfortable standing over long periods of time
- Front ascent only meant for single person use
- Sturdy aluminium platform with slip resistance
- Conical constriction ensures safety when user on platform and prevents lateral movement
- Easily foldable for storage
- 700mm high guardrail with aluminium tool holder
- **Optional: Handrail available on request**



**ELECTRICALLY
NON-CONDUCTIVE**



**ADDITIONAL
OPTION**



HANDRAIL

* Average size of man's reach from foot to outstretched hand is 2.0 m

FIBREGLASS PLATFORM LADDER								
LOAD CAPACITY: 150 KG								
ITEM CODE	STEPS + PLATFORM	PLATFORM HEIGHT		FREESTANDING HEIGHT		WORKING HEIGHT*		APPROXIMATE WEIGHT
		METRES	FEET	METRES	FEET	METRES	FEET	KILOGRAMS
FGPF 4	3+1	1.0	3'3"	1.6	5'3"	3.0	9'10"	7.9
FGPF 6	5+1	1.4	4'7"	2.1	6'11"	3.4	11'2"	10.3
FGPF 8	7+1	1.9	6'3"	2.5	8'2"	3.9	12'10"	13.5

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

Ideal for all high voltage environments for works to be carried out for long duration:

Cabling Works

Firefighting Industry

MEP Works

CCTV Installations

FIBREGLASS WORK PLATFORM LADDER

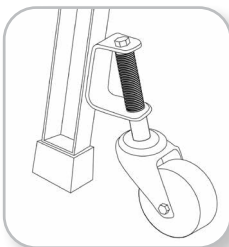


- FRP Stiles with aluminium steps and platform
- Wide 100mm depth step for safe access
- 950mm guardrail with safety chain and 360 coverage protecting user
- Double end stabilizer bars at base for greater stability
- Foldable and compact allowing easy transportability and storage
- Aluminium platform with slip resistance and toeplate for additional safety
- Rungs crimped onto stile for robustness and strength
- Handrails in built for assisted access
- Optional: Safety bar and spring wheels available on request**



**ELECTRICALLY
NON-CONDUCTIVE**

+ ADDITIONAL OPTIONS



SPRINGWHEEL

* Average size of man's reach from foot to outstretched hand is 2.0 m

FIBREGLASS WORK PLATFORM LADDER

LOAD CAPACITY: 175 KG

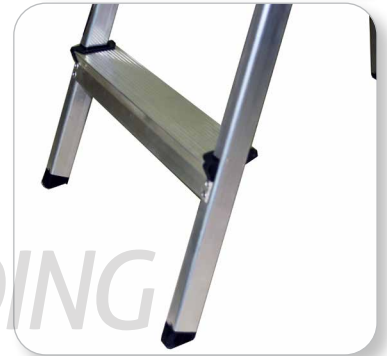
ITEM CODE	STEPS + PLATFORM	PLATFORM HEIGHT		FREESTANDING HEIGHT		WORKING HEIGHT *		APPROXIMATE WEIGHT
		METRES	FEET	METRES	FEET	METRES	FEET	KILOGRAMS
FWPL 4	3+1	1	3'3"	1.9	6'3"	3	9'10"	17.7
FWPL 5	4+1	1.25	4'1"	2.2	7'3"	3.25	10'7"	19.5
FWPL 6	5+1	1.5	4'11"	2.4	7'10"	3.5	11'5"	21.8
FWPL 7	6+1	1.75	5'8"	2.7	8'10"	3.75	12'3"	25.1
FWPL 8	7+1	2	6'7"	2.9	9'6"	4	13'1"	27
FWPL 9	8+1	2.25	7'5"	3.2	10'6"	4.25	13'11"	29.2
FWPL 10	9+1	2.5	8'2"	3.4	11'2"	4.5	14'9"	31.2

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

Ideal for: Stores & Factories Warehouses Electrical Commissioning

PLATFORM LADDER

- ▶ Light weight, easy to use, carry and store
- ▶ Wide grooved steps
- ▶ Guardrail at 600mm height ensures worker's safety
- ▶ Single plate of aluminium/steel forms a sturdy platform
- ▶ Front ascent only meant for single person use



PLATFORM LADDER								LOAD CAPACITY: 125 KG
ITEM CODE	STEPS + PLATFORM	PLATFORM HEIGHT		FREESTANDING HEIGHT		WORKING HEIGHT *		APPROXIMATE WEIGHT
		METRES	FEET	METRES	FEET	METRES	FEET	KILOGRAMS
ALPF 3	2 + 1	0.4	1'4"	1	3'3"	2.4	7'10"	2.3
ALPF 4	3 + 1	0.9	2'11"	1.3	4'3"	2.9	9'6"	3.1
ALPF 5	4 + 1	1.1	3'7"	1.6	5'3"	3.1	10'2"	3.9
ALPF 6	5 + 1	1.4	4'7"	1.8	5'11"	3.4	11'2"	4.5
ALPF 7	6 + 1	1.6	5'3"	2.1	6'11"	3.6	11'10"	5.1
ALPF 8	7 + 1	1.9	6'3"	2.3	7'7"	3.9	12'10"	5.6

* Average size of man's reach from foot to outstretched hand is 2.0 m

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

Ideal for all general work carried out over long durations:

DIY

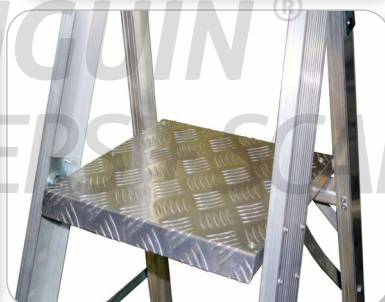
Retail

Workplace

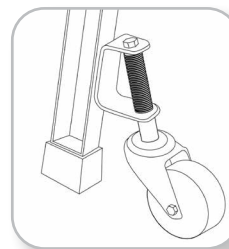
HEAVY DUTY STEP LADDER



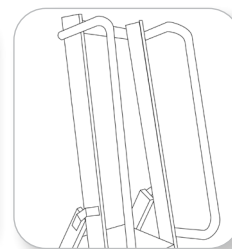
- 700mm high guardrail with aluminium tool holder
- Wide slip resistant aluminium steps for comfortable standing over long periods of time
- Front ascent only meant for single person use
- Sturdy aluminium platform with slip resistance
- Conical constriction ensures safety when user on platform and prevents lateral movement
- Easily foldable for storage
- **Optional handrail and spring castor wheels available on request**



**+ ADDITIONAL
OPTIONS**



SPRING WHEEL



HANDRAIL

HEAVY-DUTY STEP LADDER								
LOAD CAPACITY: 150 KG								
ITEM CODE	STEPS + PLATFORM	PLATFORM HEIGHT		FREESTANDING HEIGHT		WORKING HEIGHT *		APPROXIMATE WEIGHT
		METRES	FEET	METRES	FEET	METRES	FEET	KILOGRAMS
HDSTP 4	3+1	1.0	3'3"	1.6	5'3"	3.0	9'10"	7.2
HDSTP 6	5+1	1.4	4'7"	2.1	6'11"	3.4	11'2"	8.9
HDSTP 8	7+1	1.9	6'3"	2.5	8'2"	3.9	12'10"	11.1
HDSTP 10	9+1	2.4	7'10"	3.1	10'2"	4.4	14'5"	12.7

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

* Average size of man's reach from foot to outstretched hand is 2.0 m

Ideal for medium duty application for long standing works in:

Stores

Warehouses

DIY

ALUMINIUM WORK PLATFORM LADDER

- Complete aluminium alloy construction
- Wide 100mm depth step for safe access
- 950mm guardrail with safety chain and 360 coverage protecting user
- Double end stabilizer bars at base for greater stability
- Foldable and compact allowing easy transportability and storage
- Full accessibility of platform with toeplate
- Rungs crimped onto stile for robustness and strength
- Handrails in built for assisted access
- **Optional: Safety bar and spring wheels available on request**



+ **ADDITIONAL
OPTIONS**



SPRINGWHEEL

* Average size of man's reach from foot to outstretched hand is 2.0 m

ALUMINIUM WORK PLATFORM LADDER								
LOAD CAPACITY: 175 KG								
ITEM CODE	STEPS + PLATFORM	PLATFORM HEIGHT		FREESTANDING HEIGHT		WORKING HEIGHT *		APPROXIMATE WEIGHT
		METRES	FEET	METRES	FEET	METRES	FEET	KILOGRAMS
AWPL 4	3+1	1	3'3"	1.9	6'3"	3	9'10"	16
AWPL 5	4+1	1.25	4'1"	2.2	7'3"	3.25	10'7"	17.5
AWPL 6	5+1	1.5	4'11"	2.4	7'10"	3.5	11'5"	21.2
AWPL 7	6+1	1.75	5'8"	2.7	8'10"	3.75	12'3"	22.4
AWPL 8	7+1	2	6'7"	2.9	9'6"	4	13'1"	24
AWPL 9	8+1	2.25	7'5"	3.2	10'6"	4.25	13'11"	26
AWPL 10	9+1	2.5	8'2"	3.4	11'2"	4.5	14'9"	27.5

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

Applicable for:

Stores & Warehouses

Site Work

Factories

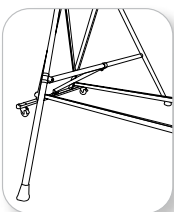
WAREHOUSE LADDER



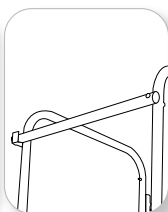
- Deep aluminium non-skid wide steps
- 1000mm guardrail with safety chain
- Work/tool tray (15kg capacity) joined with a handrail for safe ascent
- Wide aluminium chequered platform with toeplate
- Handles for easy manoeuvrability; retractable for easy folding/storage of ladder
- H/D Swivel brake nylon wheels
- Back frame has inbuilt stabilizer bar for increased stability
- Optional: Outriggers, safety barrier instead of chain**



+ ADDITIONAL OPTIONS



OUTRIGGER



SAFETY BARRIER

* Average size of man's reach from foot to outstretched hand is 2.0 m

WAREHOUSE LADDER								LOAD CAPACITY: 200 KG
ITEM CODE	STEPS + PLATFORM	PLATFORM HEIGHT		FREESTANDING HEIGHT		WORKING HEIGHT *		APPROXIMATE WEIGHT
		METRES	FEET	METRES	FEET	METRES	FEET	KILOGRAMS
WHL 4	3+1	0.9	2'11"	1.9	6'2"	3.0	9'10"	18.6
WHL 6	5+1	1.4	4'7"	2.4	7'10"	3.4	11'2"	21.7
WHL 8	7+1	1.9	6'3"	2.8	9'6"	3.9	12'10"	24.9
WHL 10	9+1	2.3	7'7"	3.3	10'10"	4.3	14'1"	28.6
WHL 12	11+1	2.8	9'2"	3.8	11'10"	4.8	15'9"	32.0
WHL 13	12+1	3.0	9'10"	4.0	12'6"	5.0	16'5"	35.4

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

Ideal for Heavy-Duty Professional Use in:

Stores

Warehouses

Factories

MULTI-PURPOSE LADDER

- Aluminium multipurpose ladder, or multi-function ladder is a versatile, everyday use ladder
- Foldable hinges, allow ladder to be enclosed for compact storing and transport methods
- Aluminium stabilizer bar at base ends, with anti-slip PVC shoes enhance sturdiness
- Multiple combinations of use, namely: Straight, A-Type and Plank
- Platform on Plank mode is an optional extra (either as wooden anti-slip sheet or chequered tray sheet)



A-MODE



STRAIGHT MODE



PLANK MODE

MULTI-PURPOSE LADDER								
LOAD CAPACITY: 125-150 KG								
ITEM CODE	NO. OF STEPS	STRAIGHT MODE HEIGHT	A MODE HEIGHT	PLATFORM HEIGHT	PACK DIMENSIONS (MM)			NET WEIGHT
		MM	MM	MM	LENGTH	WIDTH	HEIGHT	KG
MPL 8	4 X 2	2750	1380	760	720	380	280	11.2
MPL 12	4 X 3	3700	1800	1010	1010	380	280	12.7
MPL 16	4 X 4	4750	2300	1260	1300	380	280	14.2
MPL 20	4 X 5	5800	2800	1510	1550	380	280	15.7



FOLDED/COMPACT
MADE IN CHINA

Ideal for light duty applications:

DIY

Painting

Maintenance

TELESCOPIC LADDER

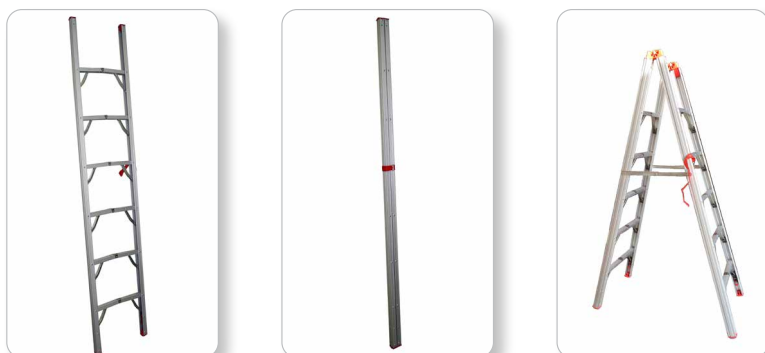


CODE :TLC

- ▲ 150kg load capacity
- ▲ Easy to transport, store and use
- ▲ Superior spring locks for expansion and contraction
- ▲ Various models & sizes:
Straight: 2.0m — 3.8m
Telescopic: 2.35m — 2.93m
A-Type: 1.4m — 2.6m
Dual Purpose: 3.85m

MADE IN CHINA

FOLDING LADDER

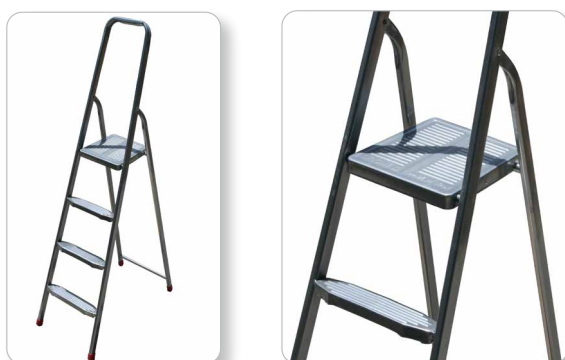


CODE :FLC

- ▲ 125kg load capacity
- ▲ Ideal for stores and homes where storage space is restricted
- ▲ Available in Straight and A-Type
Sizes:
Straight: 2.1m
A-Type: 1.8m

MADE IN CHINA

STEEL LADDER

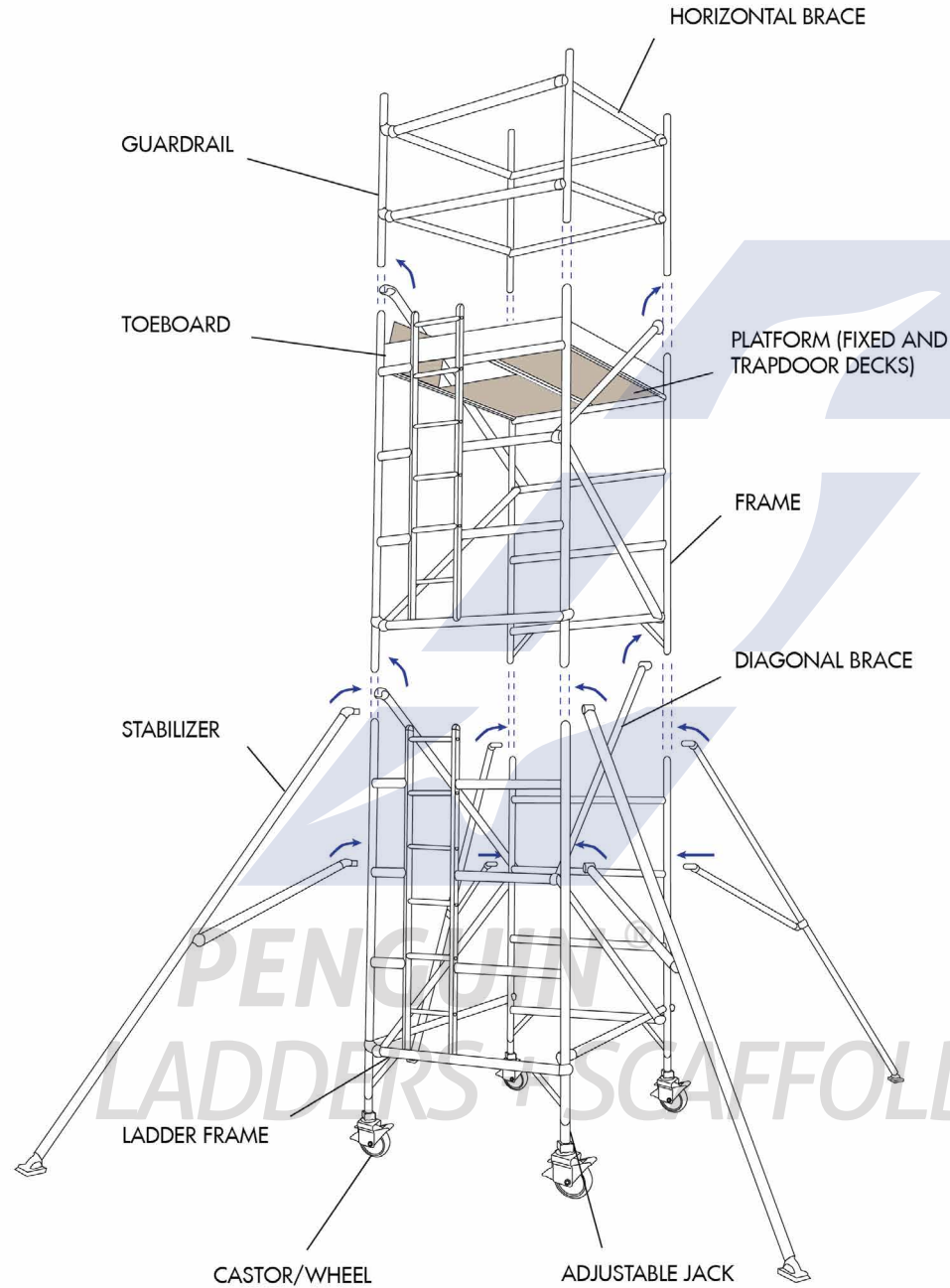


CODE :SLI

- ▲ 150kg load capacity
- ▲ All parts made from steel
- ▲ Coated to protect against corrosion and scratches
- ▲ Compact/foldable design
- ▲ Sizes from 4 to 9 steps

MADE IN ITALY

SCAFFOLDING OVERVIEW



MAIN COMPONENTS



BRACE/CLAMPS



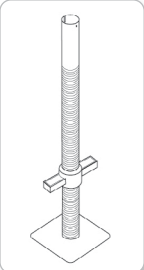
TRAPDOOR



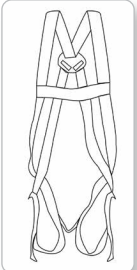
STABILIZER/OUTRIGGER



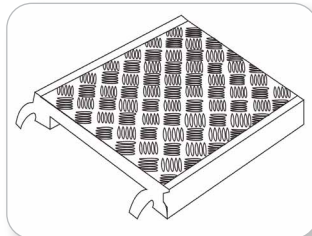
TOEBOARD



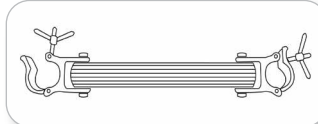
BASE PLATE



SAFETY HARNESS



CHEQUERED PLATE



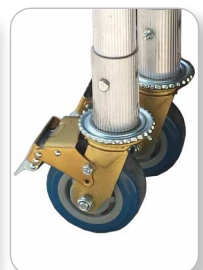
FRAME SECURING LOCK
(FOR CRANE LIFT)

+

ADDITIONAL OPTIONS



8 INCH WHEEL WITH JACK



5 INCH WHEEL

ALUMINIUM WIDE SCAFFOLDING



- Double platform tower for wider working space
- Ladder frame allows easy ascent to the top
- Light weight, easy assembly/ disassembly method, non-corrosive and visually appealing tower compared to steel
- Braces, rungs and pipes fluted for extra grip and strength
- Precise uniform tig welding and notching performed to secure parts firmly
- Maximum working height 16m; towers above 10m must be secured to another structure
- Stabilizers provide further stability
- Single brake heavy duty 5" castor wheels capable of holding up to 400kg load capacity, and heavy duty 8" wheels with brake and release option, capable of holding up to 600kg load capacity/wheel
- Option to work at several heights at one time, by using additional platforms



Installation works
Maintenance
Ceiling and A/C work
Painting contractors
Construction work
Industrial use
Cleaning jobs

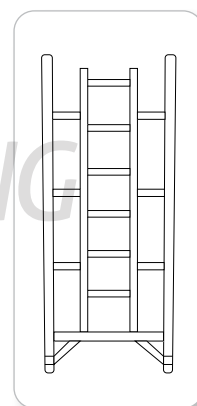
ALUMINIUM WIDE SCAFFOLDING 1.35 M WIDTH X 2.5 M LENGTH																
LOAD CAPACITY: 250 KG PER PLATFORM 750 KG PER TOWER																
TOWER CODE		WID 2	WID 3	WID 4	WID 5	WID 6	WID 7	WID 8	WID 9	WID 10	WID 11	WID 12	WID 13	WID 14	WID 15	WID 16
TOWER HEIGHT		2.3 M	3.0 M	4.4 M	5.1 M	6.4 M	7.1 M	8.4 M	9.1 M	10.4 M	11.1 M	12.4 M	13.1 M	14.3 M	15.1 M	16.3 M
PLATFORM HEIGHT		1.0 M	2.0 M	3.1 M	4.1 M	5.1 M	6.1 M	7.1 M	8.1 M	9.1 M	10.1 M	11.1 M	12.1 M	13.1 M	14.1 M	15.1 M
WORKING HEIGHT		3.0 M	4.0 M	5.1 M	6.1 M	7.1 M	8.1 M	9.1 M	10.1 M	11.1 M	12.1 M	13.1 M	14.1 M	15.1 M	16.1 M	17.1 M
ACCESSORIES																
LADDER FRAME	2.0 M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
SPAN (4 RUNG NORMAL FRAME)	2.0 M	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
GUARD RAIL FRAME	1.0 M	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0
HORIZONTAL BRACE	2.5 M	4	6	6	6	8	8	8	10	10	10	12	12	12	14	14
DIAGONAL BRACE	2.7 M	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
STABILIZER	2.0 M	0	*	4	0	0	0	0	0	0	0	0	0	0	0	0
STABILIZER	3.0 M	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0
STABILIZER	4.5 M	0	0	0	0	0	0	4	4	4	4	0	0	0	0	0
STABILIZER	6.0 M	0	0	0	0	0	0	0	0	0	0	4	4	4	4	4
TOEBOARD		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CASTOR WHEEL - 5"		4	4	0	0	0	0	0	0	0	0	0	0	0	0	0
CASTOR WHEEL - 8" W/ ADJUSTABLE LEG		0	0	4	4	4	4	4	4	4	4	4	4	4	4	4
PLATFORM - TRAPDOOR		1	1	1	1	2	2	2	3	3	3	4	4	4	5	5
PLATFORM - FIXED		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE
CUSTOMISED SIZES POSSIBLE BASED ON REQUEST AND MOQ

* Optional items recommended as per highest safety standards

ALUMINIUM NARROW SCAFFOLDING

- Single platform with trapdoor for areas where space is a constraint
- Ladder frame allows easy ascent to the top
- Light weight, easy assembly/disassembly method, non-corrosive and visually appealing tower compared to steel
- Braces, rungs and pipes fluted for extra grip and strength
- Precise uniform tig welding and notching performed to secure parts firmly
- Maximum working height 12m; towers above 10m must be secured to other structure
- Stabilizers provide further stability
- Single brake heavy duty 5" castor wheels capable of holding up to 400kg load capacity, heavy duty 8" wheels with brake and release option, capable of holding up to 600kg load capacity/wheel
- Option to work at several heights and one time, by using additional platforms
- Minimal storage space, due to less number and size of parts



ALUMINIUM NARROW SCAFFOLDING 0.85 M WIDTH X 2.0 M LENGTH												
LOAD CAPACITY: 250 KG PER PLATFORM 750 KG PER TOWER												
TOWER CODE		NAR 2	NAR 3	NAR 4	NAR 5	NAR 6	NAR 7	NAR 8	NAR 9	NAR 10	NAR 11	NAR 12
TOWER HEIGHT		2.3 M	3.1 M	4.2 M	5.2 M	6.4 M	7.2 M	8.4 M	9.2 M	10.4 M	11.2 M	12.4 M
PLATFORM HEIGHT		1.0 M	2.0 M	3.4 M	4.2 M	5.2 M	6.2 M	7.2 M	8.2 M	9.2 M	10.2 M	11.2 M
WORKING HEIGHT		3.0 M	4.0 M	5.4 M	6.2 M	7.2 M	8.2 M	9.2 M	10.2 M	11.2 M	12.2 M	13.2 M
ACCESSORIES												
LADDER FRAME	2.0 M	1	1	2	2	3	3	4	4	5	5	6
SPAN (4 RUNG FRAME)	2.0 M	1	1	2	2	3	3	4	4	5	5	6
GUARD RAIL FRAME	1.0 M	0	2	0	2	0	2	0	2	0	2	0
HORIZONTAL BRACE	2.0 M	4	6	6	6	8	8	8	10	10	10	12
DIAGONAL BRACE	2.2 M	2	4	6	8	10	12	14	16	18	20	22
STABILIZER	2.0 M	0	*	4	0	0	0	0	0	0	0	0
STABILIZER	3.0 M	0	0	0	4	4	4	0	0	0	0	0
STABILIZER	4.5 M	0	0	0	0	0	0	4	4	4	4	0
STABILIZER	6.0 M	0	0	0	0	0	0	0	0	0	0	4
TOEBOARD		1	1	1	1	1	1	1	1	1	1	1
CASTOR WHEEL - 5"		4	4	4	0	0	0	0	0	0	0	0
CASTOR WHEEL - 8" W/ ADJUSTABLE LEG		0	0	0	4	4	4	4	4	4	4	4
PLATFORM - TRAPDOOR		1	1	1	1	2	2	2	3	3	3	4

Installation works
Maintenance
Ceiling and A/C work
Painting contractors
Construction work
Industrial use
Cleaning jobs
Shafts and narrow work areas

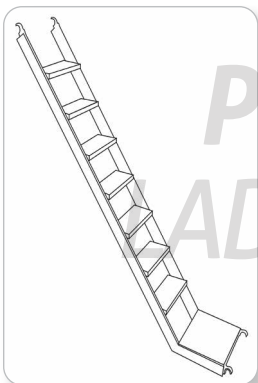
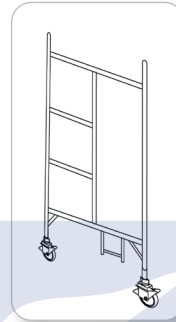
TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE
CUSTOMISED SIZES POSSIBLE BASED ON REQUEST AND MOQ

* Optional items recommended as per highest safety standards

ALUMINIUM STAIRWAY SCAFFOLDING



- Heavy Duty staircase for ascent from within tower, makes it safest scaffolding option
- Walkthrough frame with step
- Railing for hand grip; allows materials to be carried at same time, instead of less safer-hoisting methods
- Wider trapdoor to accommodate ascent through staircase
- Available as a double landing or as a single landing staircase
- Single landing staircase allows work to be carried out at different levels and for complete accessibility at top of tower, as compared to double landing staircase
- Light weight, easy assembly/disassembly method
- Non-corrosive; visually appealing compared to steel
- Maximum working height 16m; towers above 10m must be secured to other structure
- Option to work at several heights at one time by using additional platforms



Installation works where hoisting materials is difficult or dangerous

For highest safety ascent

ALUMINIUM STAIRWAY SCAFFOLDING 1.35 M WIDTH X 2.0 M LENGTH							
LOAD CAPACITY: 250 KG PER PLATFORM 750 KG PER TOWER							
TOWER CODE	STRWY 4	STRWY 6	STRWY 8	STRWY 10	STRWY 12	STRWY 14	STRWY 16
TOWER HEIGHT	3.8 M	5.8 M	7.8 M	9.7 M	11.8 M	13.8 M	15.8 M
MAXIMUM PLATFORM HEIGHT	2.5 M	4.5 M	6.5 M	8.6 M	10.5 M	12.5 M	14.5 M
WORKING HEIGHT*	4.5 M	6.5 M	8.5 M	10.5 M	12.5 M	14.5 M	16.5 M
ACCESSORIES							
WALKTHROUGH FRAME	1	1	1	1	1	1	1
NORMAL FRAME (4 RUNG)	1	3	5	7	9	11	13
GUARDRAIL FRAME 1.5 M	2	2	2	2	2	2	2
STAIRCASE WITH LANDING	1	2	3	4	5	6	7
TOEBOARD	1	1	1	1	1	1	1
HORIZONTAL BRACE	6	7	8	9	10	11	12
DIAGONAL BRACE	3	5	7	9	11	13	15
RAILING	1	2	3	4	5	6	7
OPTIONAL STABILIZER - 2.0M	4	0	0	0	0	0	0
STABILIZER - 3.0 M	0	4	0	0	0	0	0
STABILIZER - 4.5 M	0	0	4	4	0	0	0
STABILIZER - 6.0 M	0	0	0	0	4	4	4
CASTOR WHEEL - 8" W/JACK	4	4	4	4	4	4	4
PLATFORM - TRAPDOOR	2	2	2	2	2	2	2
PLATFORM - FIXED	0	1	2	3	4	5	6

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

* Average size of man's reach from foot to outstretched hand is 2.0 m

ALUMINIUM FOLDING SCAFFOLDING

- Lightweight modular, folding hinge frame allows quick and easy storage/transport
- One person can operate the folding scaffolding tower alone comfortably
- Single heavy-duty platform with trapdoor
- Optimal for height and base constrained areas
- Castors with a locking, non-marking brake mechanism
- Aluminium tig welded joints
- Locking pin mechanism for extra safety



ALUMINIUM FOLDING SCAFFOLDING 0.85 M WIDTH X 1.8 M LENGTH LOAD CAPACITY: 250 KG PER PLATFORM		
TOWER CODE	FLDG 2	FLDG 3
TOWER HEIGHT	2.0 M	3.0 M
MAXIMUM PLATFORM HEIGHT	1.1 M	2.0 M
WORKING HEIGHT*	3.0 M	4.0 M
ACCESSORIES		
FRAME	1	1
GUARDRAIL FRAMES	0	2
HORIZONTAL BRACE	3	3
DIAGONAL BRACE	0	2
CASTOR WHEEL - 5"	4	4
PLATFORM - TRAPDOOR	1	1

Ideal scaffolding tower that reaches up to 3m in height. The guardrails and accessories can be easily removed, whilst single frame system can be moved and stored:

- Installation works
- Maintenance
- MEP works
- Low Ceiling work
- Doorway work
- Painting jobs

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE
CUSTOMISED SIZES POSSIBLE BASED ON REQUEST AND MOQ

* Additional heights available on request

PODIUM PLATFORM STEPS



- Mini-platform steps (with wind lock) for stable footing allow heavy work materials to be carried while ascending to main platform
- Heavy-duty single top wide platform with space for manoeuvrability
- Lockable doorway on 1m guardrail for protection
- 1.5M platform height & above includes 2pcs of Stabilizers (1.5M)
- Optional: Handrails



PODIUM PLATFORM STEPS								
LOAD CAPACITY: 200 KG								
ITEM CODE	PLATFORM HEIGHT	TOWER HEIGHT	WORKING HEIGHT**	STEPS	BASE WIDTH	BASE DEPTH	PLATFORM DIMENSION	APPROX WEIGHT (KG)
PODSTEP 0.75	0.75 M	1.8 M	2.75 M	2 MINI PLATFORMS +1 PLATFORM	0.74 M	1.1 M	0.57 M (W) x 0.50 M (D)	41.40
PODSTEP 1.0	1.0 M	2.0 M	3.0 M	2 MINI PLATFORMS +1 PLATFORM	0.74 M	1.1 M	0.57 M (W) x 0.50 M (D)	42.25
PODSTEP 1.25*	1.25 M	2.3 M	3.25 M	3 MINI PLATFORMS +1 PLATFORM	0.74 M	1.3 M	0.57 M (W) x 0.50 M (D)	50.25
PODSTEP 1.5*	1.5 M	2.5 M	3.5 M	4 MINI PLATFORMS +1 PLATFORM	0.74 M	1.5 M	0.57 M (W) x 0.50 M (D)	55.50
PODSTEP 1.75*	1.75 M	2.75 M	3.75 M	5 MINI PLATFORMS +1 PLATFORM	0.74 M	1.8 M	0.57 M (W) x 0.57 M (D)	66.80

TECHNICAL FEATURES ARE INDICATIVE AND CAN BE MODIFIED WITHOUT PRIOR NOTICE

* Includes 1m Guardrail frames

** Average size of man's reach from foot to outstretched hand is 2.0 m

Generally used in restricted spaces:

Maintenance

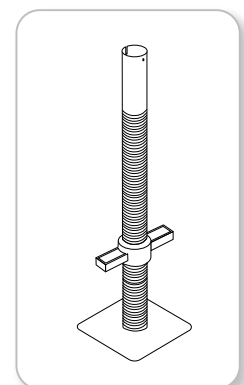
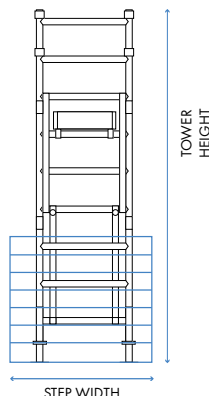
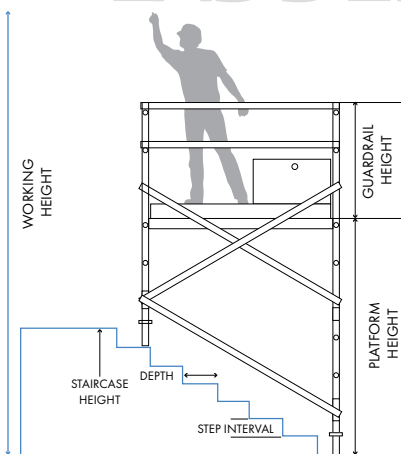
Installations

Warehousing

Decoration Works

STAIRWELL SCAFFOLDING

- Customised scaffolding towers from aluminium, to be used in building stairwells or housing projects
- Narrow width & length for use on stairs
- Base plate instead of wheels to ensure stability & prevention of movement
- Modular frames to allow versatile use on stairs as well as on landings



JACK WITH BASE PLATE

Used on Stairwells for:

MEP

Finishing

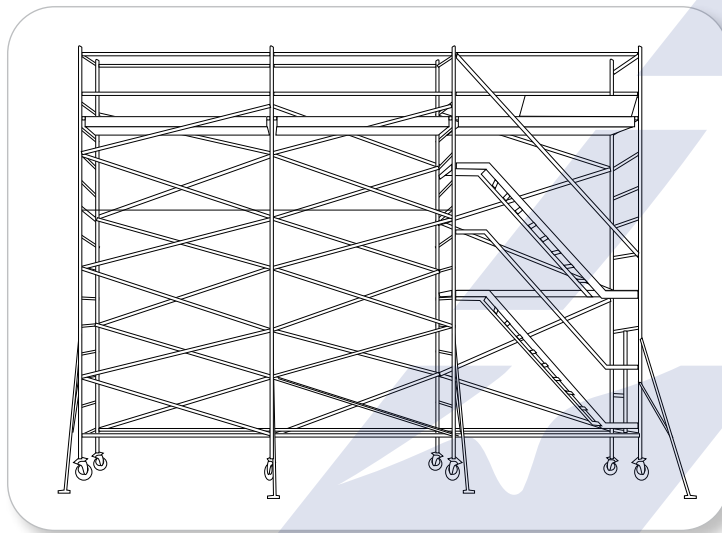
Decoration

Maintenance

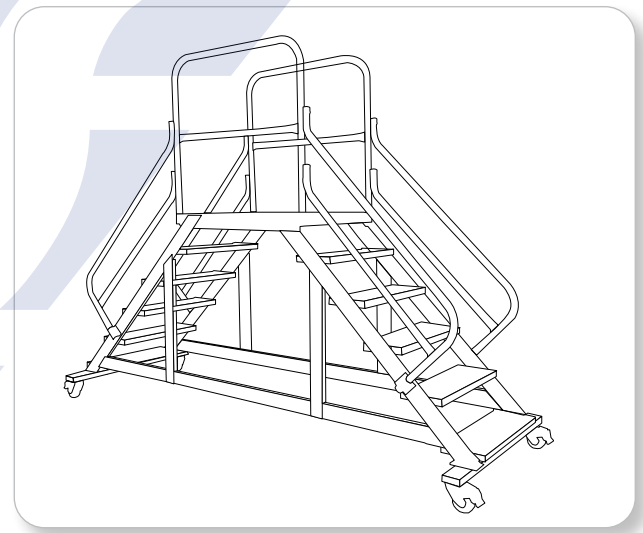
INDUSTRIAL ACCESS SOLUTIONS

Our company also entertains various fabrication requests pertaining to access solutions. Upon receiving a client's BOQ requirements, our R&D team develops tailored solutions to fit your needs and budget.

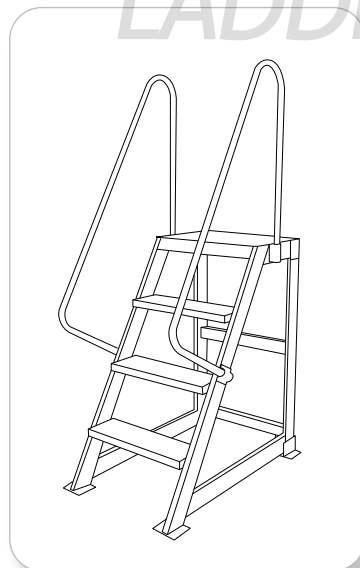
COMBINATION SCAFFOLDING TOWER



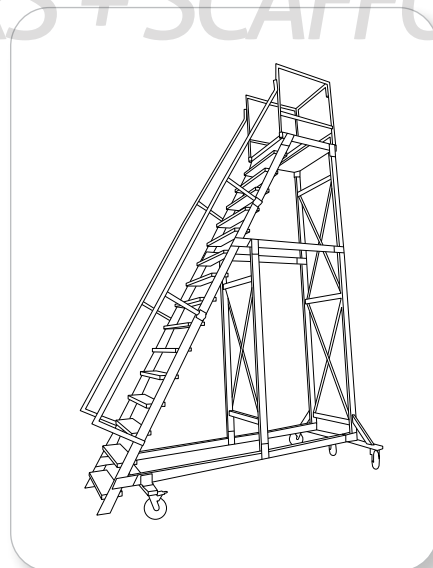
BRIDGING STEPS — 45°



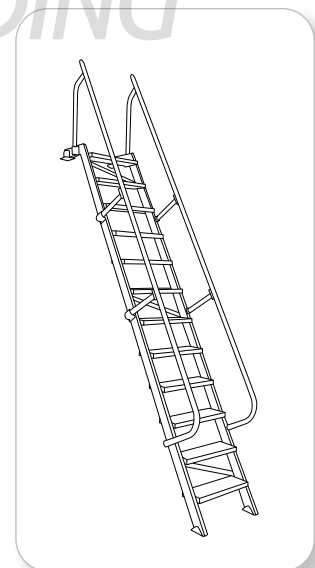
HEAVY DUTY STOOL



STAIRCASE PLATFORM LADDER



BULWARK LADDER

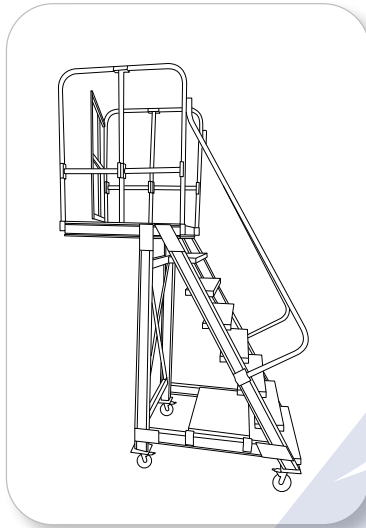


INDUSTRIAL ACCESS SOLUTIONS

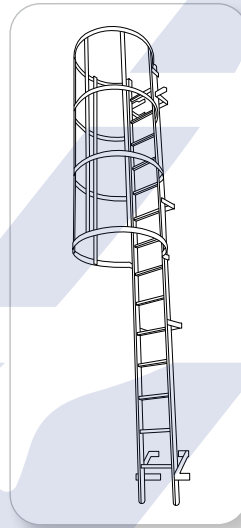


Below are examples of IAS solutions we have completed for past clients across industries. We hope to work with you to develop robust solutions geared to your needs.

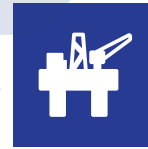
CANTILEVER LADDER



CAT LADDER



INDUSTRY APPLICATIONS



OIL & GAS PLANTS



WAREHOUSING



POWER PLANTS



FOOD PROCESSING PLANTS



MRO WORKSHOPS



AIRPORTS



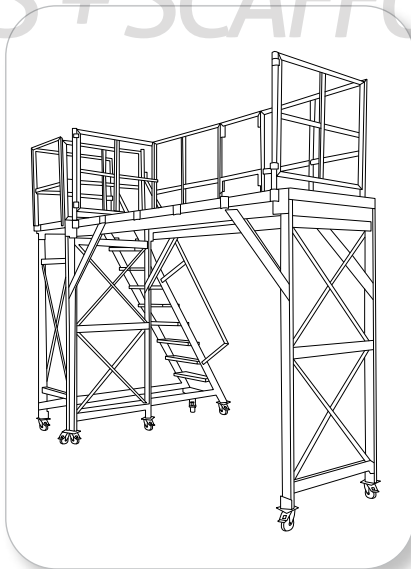
WATER INFRASTRUCTURE PLANTS



HEAVY INDUSTRIES

AND MANY MORE...

OTHER SOLUTIONS





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