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ALUMINIUM ROLLING TOWER CATALOGUE



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Aluminium Mobile Tower

Ezzogenics aims to provide the best value to its customers by designing its products to cater to the diverse needs of different industries. The ultimate objective is to create a modern aluminum rolling tower that is safe, sturdy, long-lasting, versatile, and user-friendly. Every detail of the tower is carefully crafted to meet the requirements of the new millennium.

FLEXIBILITY

Smart towers can easily maneuver in small areas like transformer rooms and furnished offices and factories due to their unique and exquisite tower length of 1.4 meters. This solves the problem of limited space that often frustrates customers.



LADDER

Triangular profiled ladder rungs prevent rungs from rotation. Non-slipping grooves make climbing safe.



STAIR LADDER

Stair ladder are light weighted, compact, easy to install as well as storage. Standard diagonals are also used as stair handrails. No additional item is required.



SPIGOT

The tapered spigot design makes the insertion of frames easy and safe. Damaged spigots can be replaced independently.



SAFETY PIN

Extra holes prevent pin loss during erection and dismantling. They house disengaged pins properly. The housing and locking holes are positioned at a 90° offset for easy inspection.



TOE BOARD SYSTEM

Toe boards are all made of PVC, free from splitting, warping, and twisting problems as found on timber boards. Simple and easy to install, 200mm high provides better protection.



PLATFORM

Platforms fitted with high-quality, non-slipping birch plywood are strong yet light-weighted, making erection and dismantling easy and safe.

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CASTOR WHEEL

An automatic interlocking system prevents castors from accidentally detaching. Large diameter, heavy-duty nylon wheel (safety factor 3) makes rolling easy and smooth. A double-pedal locking system makes braking on and off an easy job. The locking system provides both the locking of the swivel and wheel.



BASE FRAME

Base frames are labeled for easy identification. Walk through the base frame to make access & egress to the tower easy and safe. The base lift that can be self-braced independently makes erection and dismantling safe & easy.



CLAW

The specific claw profile enables fast and strong connections, it's designed to tackle the toughest working environment in construction applications.



PROTECTIVE COVER

PVC covers are inserted on tube ends to offer better protection to the users.



HORIZONTAL and DIAGONAL

Horizontal and diagonal are color-coded for easy identification.



CAST RING




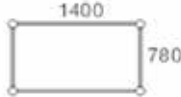
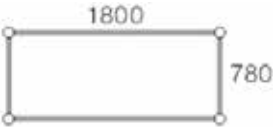
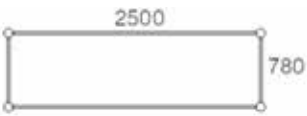
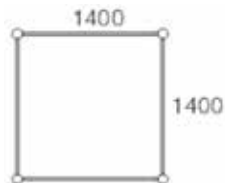
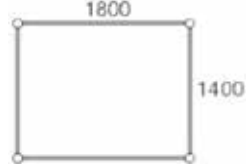

Frame standard ends are protected with casting rings against deformation and damage.




HINGE and LOCK

Hinges and locks on trapdoor platforms are made of high quality stainless steel

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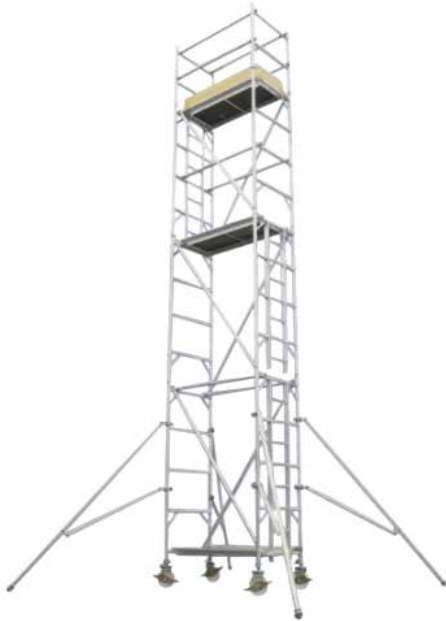
| Platform size | Access options | | |
|---|---|---|--|
| Single width frame |  Vertical Ladder 爬梯 |  Inclined Ladder 斜挂梯 |  Stair Ladder 楼梯 |
|  | SW-140V-(_)(_) | ---- | --- |
|  | SW-180V-(_)(_) | SW-180I-(_)(_) | --- |
|  | SW-250V-(_)(_) | SW-250I-(_)(_) | --- |
| Double width frame | | | |
|  | DW-140V-(_)(_) | DW-140I-(_)(_) | --- |
|  | DW-180V-(_)(_) | DW-180I-(_)(_) | DW-180S-(_)(_) |
|  | DW-250V-(_)(_) | DW-250I-(_)(_) | --- |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------|-----|---|-----|---|-----|---|-----|---|-----|---|-----|----|------|----|------|----|------|----|------|----|
|  | Working Height (m) | 4.5 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 | 10.5 | 11 | 11.5 | 12 | 12.5 | 13 | 13.5 | 14 |
| | Platform Height (m) | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 | 10.5 | 11 | 11.5 | 12 |

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Smart Tower SW-140V-() ()

Platform size: 780x1400mm



Smart Tower SW-180V-() ()

Platform size: 780x1800mm



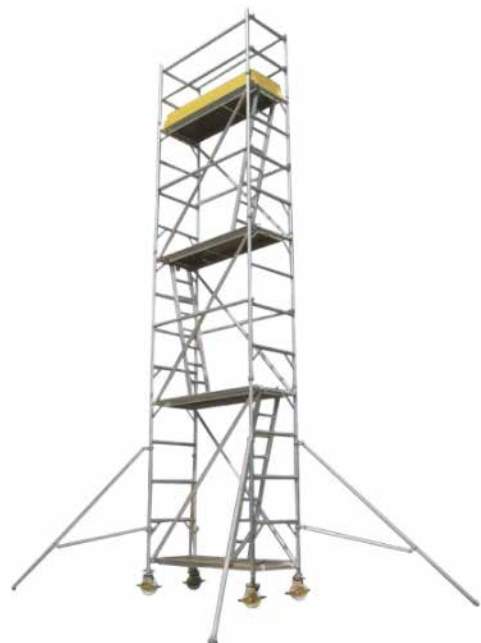
Smart Tower SW-250V-() ()

Platform size: 780x2500mm



Smart Tower SW-180I-() ()

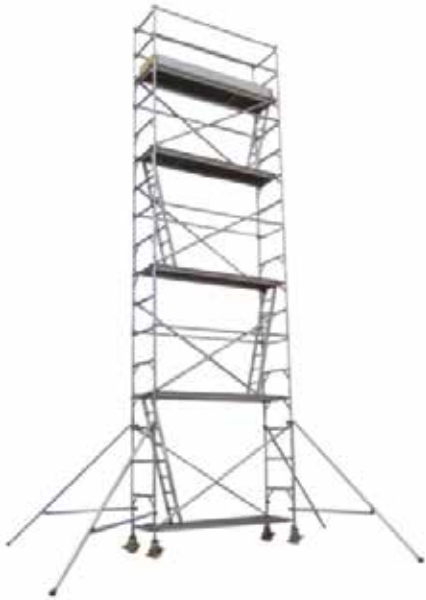
Platform size: 780x1800mm



Aluminium Mobile Tower

Smart Tower SW-250I-(-)(-)

Platform size: 780x2500mm



Smart Tower DW-140V-(-)(-)

Platform size: 780x1400mm



Smart Tower DW-180V-(-)(-)

Platform size: 780x1800mm



Smart Tower DW-250V-(-)(-)

Platform size: 780x2500mm



Aluminium Mobile Tower

Smart Tower DW-140I-() ()

Platform size: 780x1400mm



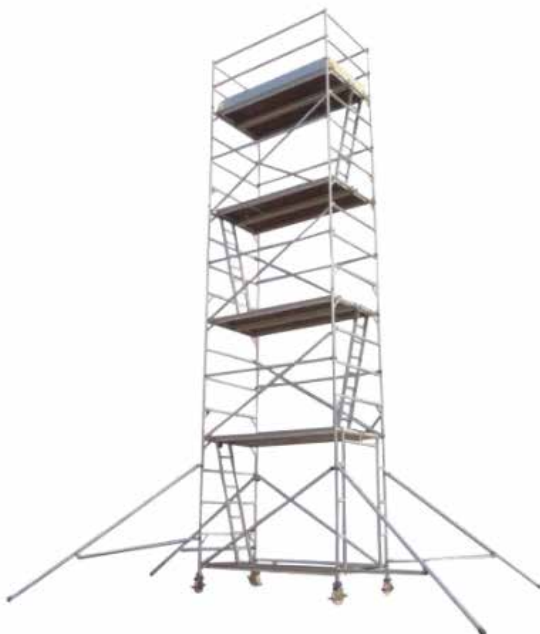
Smart Tower DW-180I-() ()

Platform size: 780x1800mm



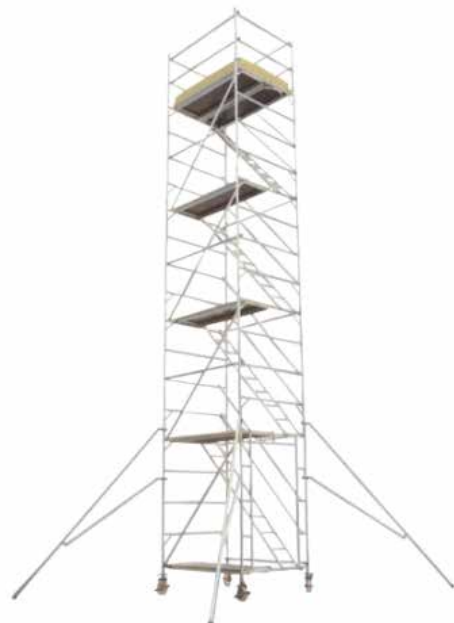
Smart Tower DW-250I-() ()

Platform size: 780x2500mm

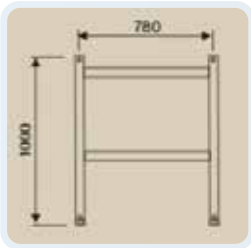


Smart Tower DW-180S-() ()

Platform size: 780x1800mm

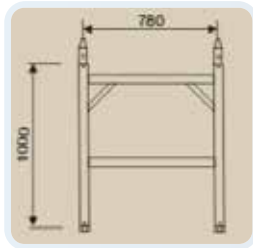


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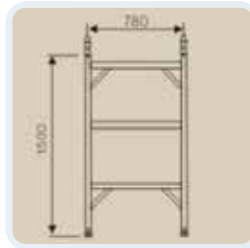
2RUNG GUARDRAIL FRAME

Narrow armrest 1.0m high
GF-078100 0.78 x 1.0m 2.7kg
(5.95lbs)



2RUNG FRAME

Narrow frame 1.0m high
F-078100 0.78 x 1.0m 3.2kg
(7.1lbs)



3-RUNG FRAME

Narrow frame 1.5m high
F-078150 0.78 x 1.5m 4.7kg
(10.4lbs)



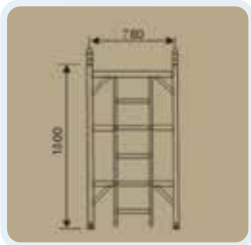
4-RUNG FRAME

Narrow frame 2.0m high
F-078200 0.78x2.0m 6.0kg
(13.21lbs)



4-RUNG FRAME

Wide frame 2.0m high
F-140200 1.4 x 2.0m 7.6kg
(16.8lbs)



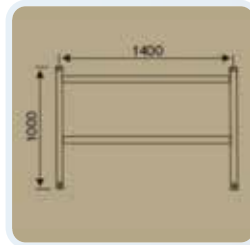
VERTICAL LADDER FRAME

Narrow ladder frame 1.5m high
LF-078150 0.78 x 1.5m 7.7kg
(17.0lbs)



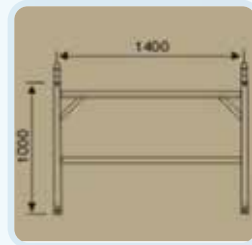
5-RUNG BASE FRAME

Narrow chassis 2.2m high
BF-078220 0.78 x 2.2m 6.9kg
(15.21lbs)



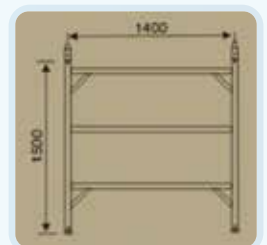
2-RUNG GUARDRAIL FRAME

Wide armrest 1.0m high
GF-140100 1.4 x 1.0m 3.5kg
(7.71 lbs)



2-RUNG FRAME

Wide frame 1.0m high
F-1401C0 1.4 x 1.0m 4.0kg
(8.82 lbs)



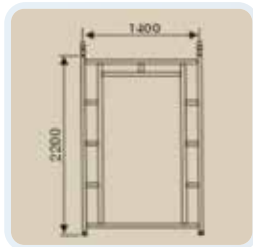
3-RUNG FRAME

Peripheral frame 1.5m high
F-140150 1.4 x 1.5m 5.7kg
(12.57 lbs)



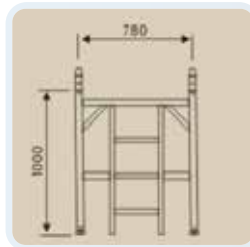
5-RUNG BASE FRAME

Closed chassis 2.2m high
BF-140220 1.4 x 2.2m 8.8kg
(19.4 lbs)



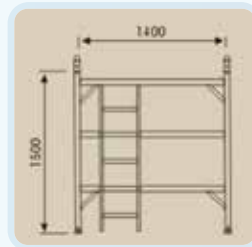
WALK THRU BASE FRAME

Wide gantry chassis 2.2m high
WBF-140220 1.4 x 2.2m 10.5kg
(23.1 lbs)



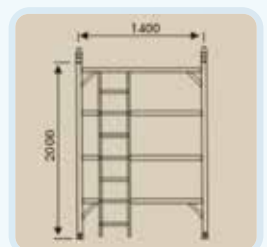
VERTICAL LADDER FRAME

Narrow ladder frame 1.0m high
LF-078100 0.78 x 1.0m 5.2kg
(11.5 lbs)



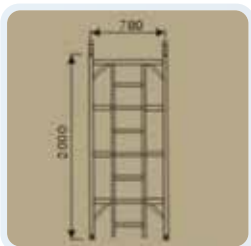
VERTICAL LADDER FRAME

Wide ladder frame 1.5m high
LF-140150 1.4 x 1.5m 8.7kg
(19.2lbs)



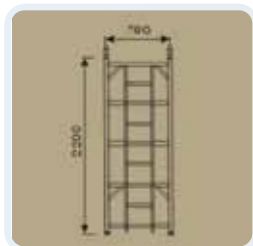
VERTICAL LADDER FRAME

Wide ladder frame 2.0m high
LF-140200 1.4 x 2.0m 11.5kg
(25.4lbs)



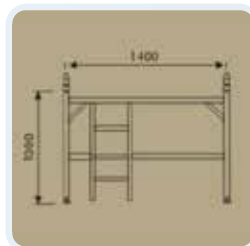
VERTICAL LADDER FRAME

Narrow ladder frame 2.0m high
LF-0782C0 0.78 x 2.0m 10.0kg
(22.0lbs)



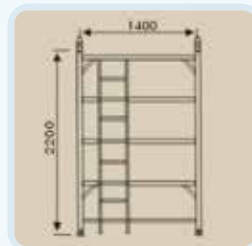
VERTICAL LADDER BASE FRAME

Narrow ladder base 2.2m high
LBF-078220 0.78 x 2.2m 11.2kg
(24.7lbs)



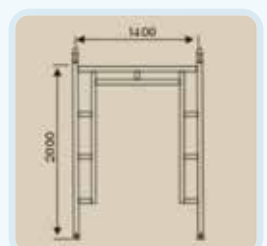
VERTICAL LADDER FRAME

Wide ladder frame 1.0m high
LF-140100 1.4 x 1.0m 5.9kg
(13.01lbs)



VERTICAL LADDER BASE FRAME

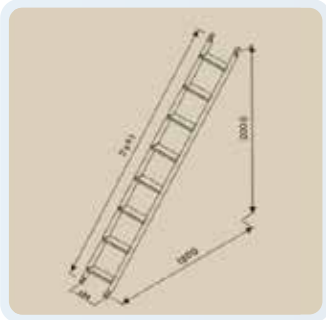
Wide ladder base frame 2.2m high
LBF-140220 1.4 x 2.2m 13.0kg
(28.7lbs)



WALK THRU FRAME

Wide gantry 2.0m high
WF-140200 1.4 x 2.0m 7.5kg
(16.5lbs)

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STAIR LADDER

1.8m x 2.0m
SL-180200, 8.9kg (19.6lbs)



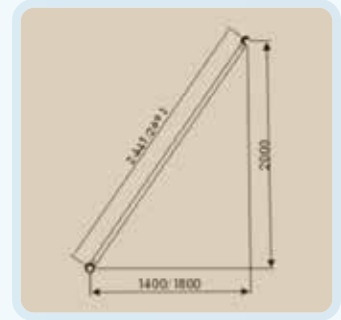
INCLINED LADDER

2.0m
IL-200, 5.5kg (12.1lbs)



PLAIN BRACE

PB-078140, L=1.6m, 1.9kg (4.2lbs)
PB-078180, L=2.0m, 2.2kg (4.9lbs)
PB-078250, L=2.6m, 2.8kg (6.2lbs)
PB-140140, L=2.0m, 2.2kg (4.9lbs)
PB-140180, L=2.3m, 2.5kg (5.5lbs)
PB-140250, L=2.9m, 3.0kg (6.6lbs)



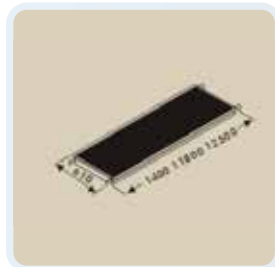
DIAGONAL BRACE

DB-140200, 1.4x2.0m, 2.8kg (6.2lbs)
DB-140200, 1.8x2.0m, 3.0kg (6.6lbs)
DB-250150, 2.5x1.5m, 3.2kg (7.1lbs)



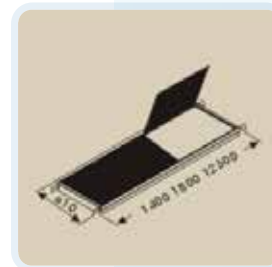
INCLINED LADDER

1.5m
IL-150, 4.3kg (9.5lbs)



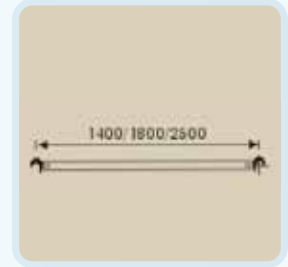
PLATFORM

P-140, 1.4m, 10.9 kg (24.0lbs)
P-180, 1.8m, 13.5kg (29.8lbs)
P-250, 1.8m, 18.7kg (41.2lbs)



TRAPDOOR PLATFORM

TP-140, 1.4m, 11.1kg (24.5lbs)
TP-180, 1.8m, 13.9kg (30.6lbs)
TP-250, 2.5m, 19.1kg (42.1lbs)



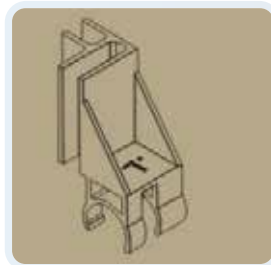
HORIZONTAL BRACE (WITH RED RINGS)

HB-140, 1.4m, 1.9kg (4.2lbs)
HB-180, 1.8m, 2.2kg (4.9lbs)
HB-250, 2.5m, 2.8kg (6.2lbs)



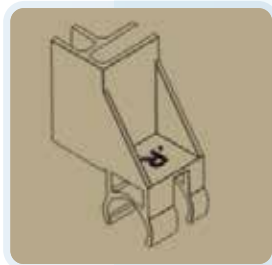
STAIR LADDER TRAPDOOR PLATFORM

1.8m
SP-180, 1.8m, 13.8kg (30.4lbs)



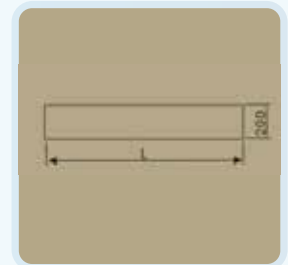
TOE BOARD HOLDER (LEFT)

TH-01L, 0.34kg (0.75lbs)



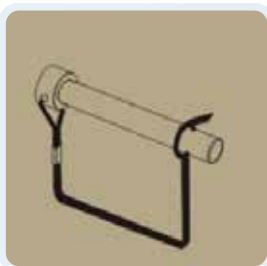
TOE BOARD HOLDER (RIGHT)

TH-01R, 0.34kg (0.75lbs)



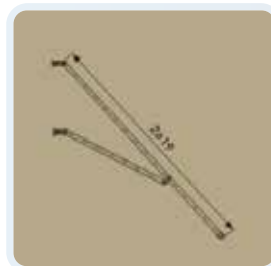
TOE BOARD

TB-078 L = 570 mm, 0.88kg (1.9lbs)
TB-140 L = 1180 mm, 1.80kg (4.0lbs)
TB-140 L = 1280 mm, 2.00 kg (4.4lbs)
TB-180 L = 1667 mm, 2.60kg (5.7lbs)
TB-250 L = 2380 mm, 5.40 kg (12.0lbs)



FRAME SECURING PIN

SP-01, 0.05kg (0.11lbs)



STANDARD STABILIZER

S-190, 6.5kg (14.3lbs)



LARGE STABILIZER

S-260, 7.5kg (16.5lbs)



CASTER WHEEL WITH ADJUSTABLE LEG

500kg (1102lbs)
CJ-500, 8.0kg (17.6lbs)

Aluminium Foldable Mobile Platform

For indoor use only



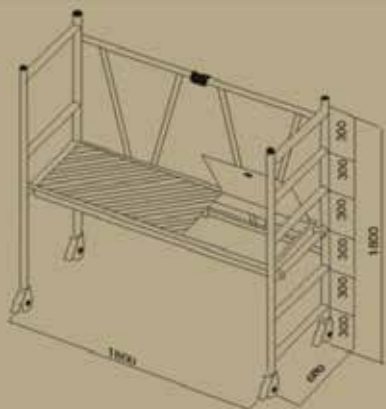
STEP-SMART STANDARD SET UP

Platform Size: 0.68mX1.4m
Platform Height: 1.8m (max)
S.W.L.:150kg(331lbs) per Tower
Frame Wt: 18.6kg (41.0lbs)
Platform Wt: 11.5kg (25.4lbs)
Total Weight: 30kg (66.1lbs)



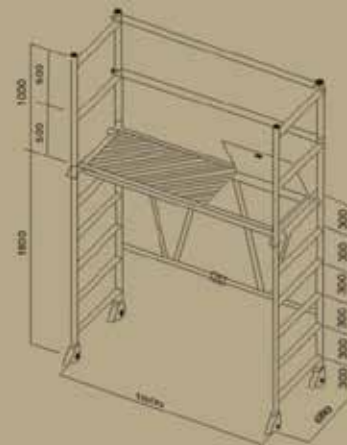
SMARTIE WITH GUARD RAIL OPTION

Platform Size: 0.68mX1.4m
Platform Height: 1.8m (max)
S.W.L.:150kg(331lbs) per Tower
Total Weight: 40kg (88.2lbs)



SMARTIE STANDARD SET UP

Platform Size: 0.68mX1.4m
Platform Height: 1.8m (max)
S.W.L.:150kg(331lbs) per Tower
Frame Wt: 19kg (41.9lbs)
Platform Wt: 13.9kg (30.6lbs)
Total Weight: 33kg (72.8lbs)



SMARTIE WITH GUARD RAIL OPTION

Platform Size: 0.68mX1.4m
Platform Height: 1.8m (max)
S.W.L.:150kg(331lbs) per Tower
Total Weight: 43kg (94.8lbs)

Aluminium Mini Foldable Mobile Platform

For indoor use only



MINI-SMART



Platform size: 1.0m x 0.6m

Platform Height: 1.38m

S.W.L safe load: 100 kg (220.51 lbs) per Tower

Frame Weight: 15.2kg (33.5lbs)

Platform Weight: 5.8kg (12.8 lbs)

Total Weight: 21kg (46.3lbs)

FOR SMART TOWER

