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### SINICMECH MACHINERY



## HYDRAULIC LIFT

www.mornlift.com www.sinolifter.com

JINAN SINICMECH MACHINERY CO.,LTD

MORN GROUP LIMITED



Jinan Sinicmech Machinery (Morn Group) Co., Ltd. is a professional manufacturer engaged in producing hydraulic lift platforms and is also the biggest producer in making aerial work platforms, hydraulic scissor lift, boom lift, and dock levelers.

MORN has been abiding consistently by its development guideline of "Safety, service, integrity and efficiency" ever since it was founded, and is strictly up to the "People's Republic of China Machinery Industry standards" CE standard. We are continuously improving the quality of products and launching news series of the products to satisfy the marketing growth. From 2008 to 2014, MORN has the doubled growth rate per year, all these achievements should thanks to the effort of our 110 workers of the factories and 10 engineers who work for R&D in Technology Dept, 48 salesman and after-sales Technical Support.

Today MORN has filled many blank areas in the domestic market, owned successfully several national inventions and utility model patents, which the achievements MORN obtained, are the starting bases of development future, for every MORN member knows our final goals "To facilitate the world, create well-known 'MORN' brand".

MORN always welcomes every customer come to visit us and experience our products and service.



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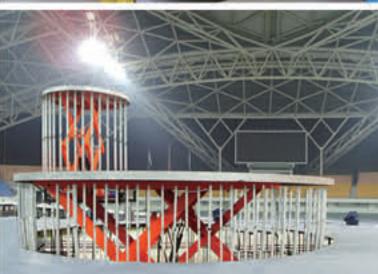
1.Stationary Scissor Lift	SSL 1
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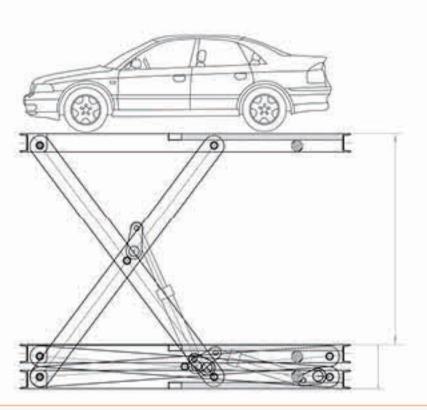








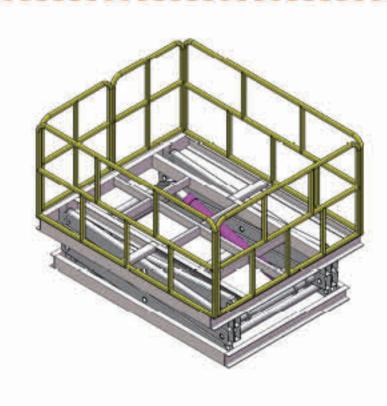
# SSL Stationary Scissor Lift

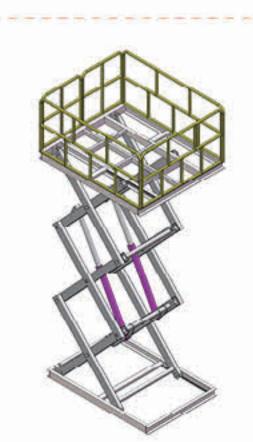


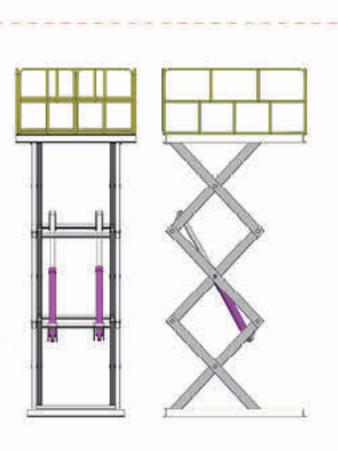
It is driven by the electric and hydraulic system, the lift platform is lifted up and dropped down along the track; it is installed in the pit or the ground floor to convey the goods from one floor to another and convey the goods from one working level to another. The control panels are available at the designated floors and on the lift platforms.

Medal			DI 46	Platforn	n Height		Approx.
Model	Capacity	Travel	Platform Size	Lowered	Raised	Power	Weight
SSL0.5-2.4	500kg	2.4m	1.2x1.2m	0.55m	2.95m	2.2kw	600kg
SSL1-4.5	1000kg	4.5m	2.5x1.5m	0.68m	5.18m	3kw	1800kg
SSL1.5-1.25	1500kg	1.25m	2x1.7m	0.25m	1.5m	3kw	1000kg
SSL3-1.02	3000kg	1.02m	1.3x0.8m	0.57m	1.59m	3kw	650kg
SSL3-5	3000kg	5m	5.8x2.5m	0.87m	5.87m	3.5kw	5000kg
SSL2-1.6	2000kg	1.6m	3x1.5m	0.45m	2.05m	4kw	1200kg
SSL5-1.8	5000kg	1.8m	7.9x3.2m	1.1m	2.9m	5.5kw	4200kg
SSL10-2.5	10000kg	2.5m	3.3x2.6m	0.95m	3.45m	5.5kw	4800kg
SSL3-5	3000kg	5m	5x2.5m	0.95m	5.95m	7.5kw	3800kg
SSL3.5-9.6	3500kg	9.6m	5.1x2.2m	1.45m	11.05m	7.5kw	1450kg
SSL5-3	5000kg	3m	5x2.6m	0.65m	3.65m	7.5kw	3600kg
SSL3-4.4	3000kg	4.4m	5x4m	0.8m	5.2m	7.5kw	5600kg
SSL30-1.6	30000kg	1.6m	13x2.8m	0.8m	2.4m	7.5kwx4	20000kg

Note: Capacity, travel, platform size, voltage and color can be made as customer requirement.





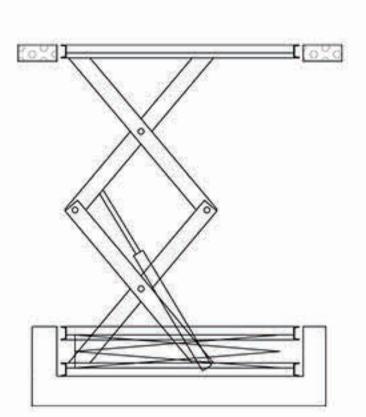




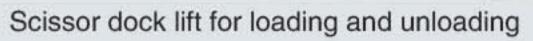




# SSL Stationary Scissor Lift









Scissor lift for stage performance





Scissor lift for carrying cargos from ground to the first floor

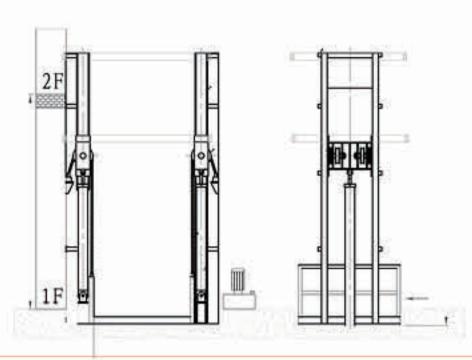








## **Vertical Cargo Lift**



#### Introduction:

Vertical cargo lift is widely used in indoor or outdoor of the buildings and warehouse, especially used to lift the goods or pallets between the floors. It provides fast, efficient, convenient and safe access to mezzanines, basements, and any levels in multistoried building.

#### Models list for reference:

Model	LRL1-5.2	LRL2-5.8	LRL3-10	LRL10-7	LRL5-10
Capacity	1000kg	2000kg	3000kg	10000kg	5000kg
Travel height	5.2m	5.8m	10m	7m	10m
Platform size	2.5x1.5m	1.6x1.8m	2.3x1.9m	3.4x4.45m	7.37x2.25
Loading direction	2.5m	1.6m	1.9m	3.4m	7.37m
Lift drive	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Shaft size	3.15x1.65m	2.25x1.95m	2.9x1.9m	4.1x4.5m	7.47x2.95
Power	3kw	4kw	5.5kw	11kw	7.5kw









Hydraulic Cylinder

Corrosion-resistant chain High-strength steel wire rope

Overload alarm

#### Project case











### Wheelchair Lift



Wheelchair platform lift is designed specifically to transport a wheelchair or individual from one floor to a higher platform, widely used in both indoor and outdoor, providing a perfect access for the disabled people.

Two different materials: Aluminum alloy with powder coated; stainless steel

#### Model list A (Aluminum alloy with Powder coated)

Model	Travel height	Capacity	Platform Size	Dimension	Weight
WL0.25-1.0	1000mm	250kg	1430*900mm	2000*1430*1000mm	350kg
WL0.25-1.5	1500mm	250kg	1430*900mm	2500*1430*1000mm	450kg
WL0.25-2.0	2000mm	250kg	1430*900mm	3000*1430*1000mm	550kg
WL0.25-2.5	2500mm	250kg	1430*900mm	3500*1430*1000mm	700kg
WL0.25-3.0	3000mm	250kg	1430*900mm	4000*1430*1000mm	780kg
WL0.25-3.5	3500mm	250kg	1430*900mm	4600*1430*1000mm	850kg
WL0.25-4.0	4000mm	250kg	1430*900mm	5100*1430*1000mm	880kg
WL0.25-5.0	5000mm	250kg	1430*900mm	6100*1430*1000mm	1000kg
WL0.25-6.0	6000mm	250kg	1430*900mm	7100*1430*1000mm	1100kg







Automatic ramp control: Turn up to max 75° and prevent the wheelchair outside





Control panel and Remote: Easy and convenient operation



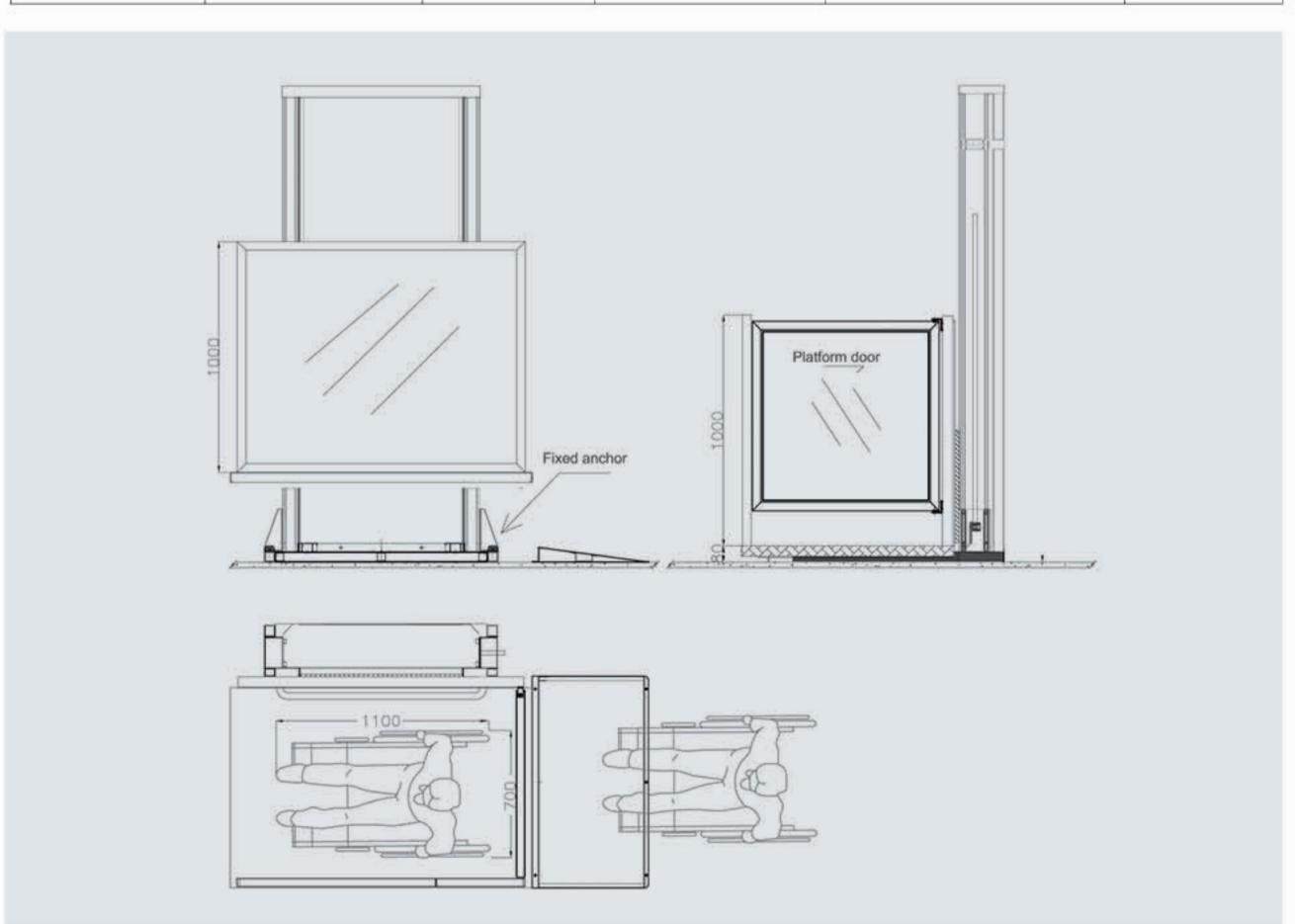


# Wheelchair Lift

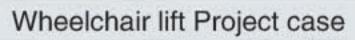


#### Model list B (stainless steel)

Model	Travel height	Capacity	Platform size	Dimension	Weight
WL0.25-1.0	1000mm	250kg	1450*1000mm	2100*1450*1000mm	500kg
WL0.25-1.5	1500mm	250kg	1450*1000mm	2600*1450*1000mm	600kg
WL0.25-2.0	2000mm	250kg	1450*1000mm	3100*1450*1000mm	650kg
WL0.25-2.5	2500mm	250kg	1450*1000mm	3600*1450*1000mm	700kg
WL0.25-3.0	3000mm	250kg	1450*1000mm	4100*1450*1000mm	780kg
WL0.25-3.5	3500mm	250kg	1450*1000mm	4700*1450*1000mm	850kg
WL0.25-4.0	4000mm	250kg	1450*1000mm	5200*1450*1000mm	880kg
WL0.25-5.0	5000mm	250kg	1450*1000mm	6200*1450*1000mm	1000kg
WL0.25-6.0	6000mm	250kg	1450*1000mm	7200*1450*1000mm	1100kg











# **7**S

### **Mobile Scissor Lift**

Mobile scissor lift can be moved by manual labor easily. Lift power can be AC, DC or Diesel. It is widely used for the equipments installations and maintenance at the following places like construction sites, workshops, warehouse, granary, bus/railway stations and so on.

Model	Canacity	Platform	Platform Size	Dimension	Approx. Weight	Power
Model	Capacity	height	Flatioiiii Size	(L×W×H)	Approx. Weight	Fowei
TS0.3-4	300kg	4m	1.65x0.75m	2.05x1.05x1.05m	500kg	2.2kw
TS0.3-6	300kg	6m	1.65x0.75m	2.05x1.05x1.25m	900kg	2.2kw
TS0.3-8	300kg	8m	1.75x0.90m	2.20x1.20x1.35m	1000kg	2.2kw
TS0.5-8	500kg	8m	1.75x1.10m	2.20x1.40x1.35m	1100kg	2.2kw
TS0.8-8	800kg	8m	1.82x1.10m	2.35x1.40x1.50m	1700kg	3kw
TS0.3-10	300kg	10m	2.11x1.22m	2.60x1.50x1.50m	1350kg	2.2kw
TS1.0-10	1000kg	10m	2.22x1.22m	2.75x1.70x1.85m	2200kg	3kw
TS0.3-12	300kg	12m	2.55x1.50m	3.10x2.00x1.85m	2000kg	3kw
TS1.0-12	1000kg	12m	2.60x1.50m	3.20x2.00x2.15m	3100kg	3kw
TS0.3-14	300kg	14m	3.00x1.60m	3.55x2.10x1.95m	2300kg	3kw
TS0.3-16	300kg	16m	3.21x1.60m	3.75x2.10x2.15m	3800kg	4kw
TS0.3-18	300kg	18m	3.21x1.60m	3.75x2.10x2.35m	4300kg	4kw

#### Note:

- Travel ≤ 3m, PU tire; ≥ 16m, solid tire; 4m<Travel <16m, pneumatic tire.
- AC power v/hz/phase can be made as customer's local needs.
- -DC power for self propelled is also available.

#### Simple operation system







Controller on platform

Controller on ground

AC Power input

Easier trailing bar







# TAM

### **Mobile Vertical Lifts**



Mobile vertical lift is made up of high grade aluminum profile and equipped with Omni-directional wheels, easily pushed around to the designated sites, beautiful structure, compact main body, light weight.

#### Mobile Vertical Lift (Single Mast)

Model	TAM0.1-4	TAM0.1-6	TAM0.1-8	TAM0.1-10
Capacity	100kg	100kg	100kg	100kg
Platform height	4.0m	6.0	8.0m	10.0m
Max. working height	5.7m	7.7m	9.7m	11.7m
Platform size	0.6x0.6m	0.6x0.6m	0.6x0.6m	0.6x0.6m
Max. Occupants	1	1	1	1
Dimensions				
Overall length	1.3m	1.3m	1.38m	1.5m
Overall width	0.8m	0.8m	0.8m	0.8m
Overall height	1.8m	1.96m	1.98m	2.18m
Lift power				
AC	110-230V	110-230V	110-230V	110-230V
Motor	1.5kw	1.5kw	1.5kw	1.5kw
Weight	260kg	280kg	320kg	480kg

#### Standard

Dual controllers operation Emergency lowering system Emergency stop button Overload protection Locking Key Switch

#### Optional

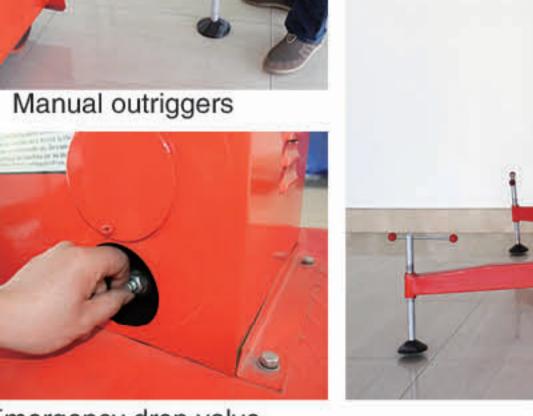
Overload sensor with alarm Optional Chassis with level gauge Beacon DC power AC to platform

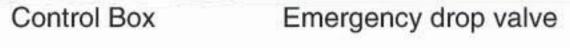


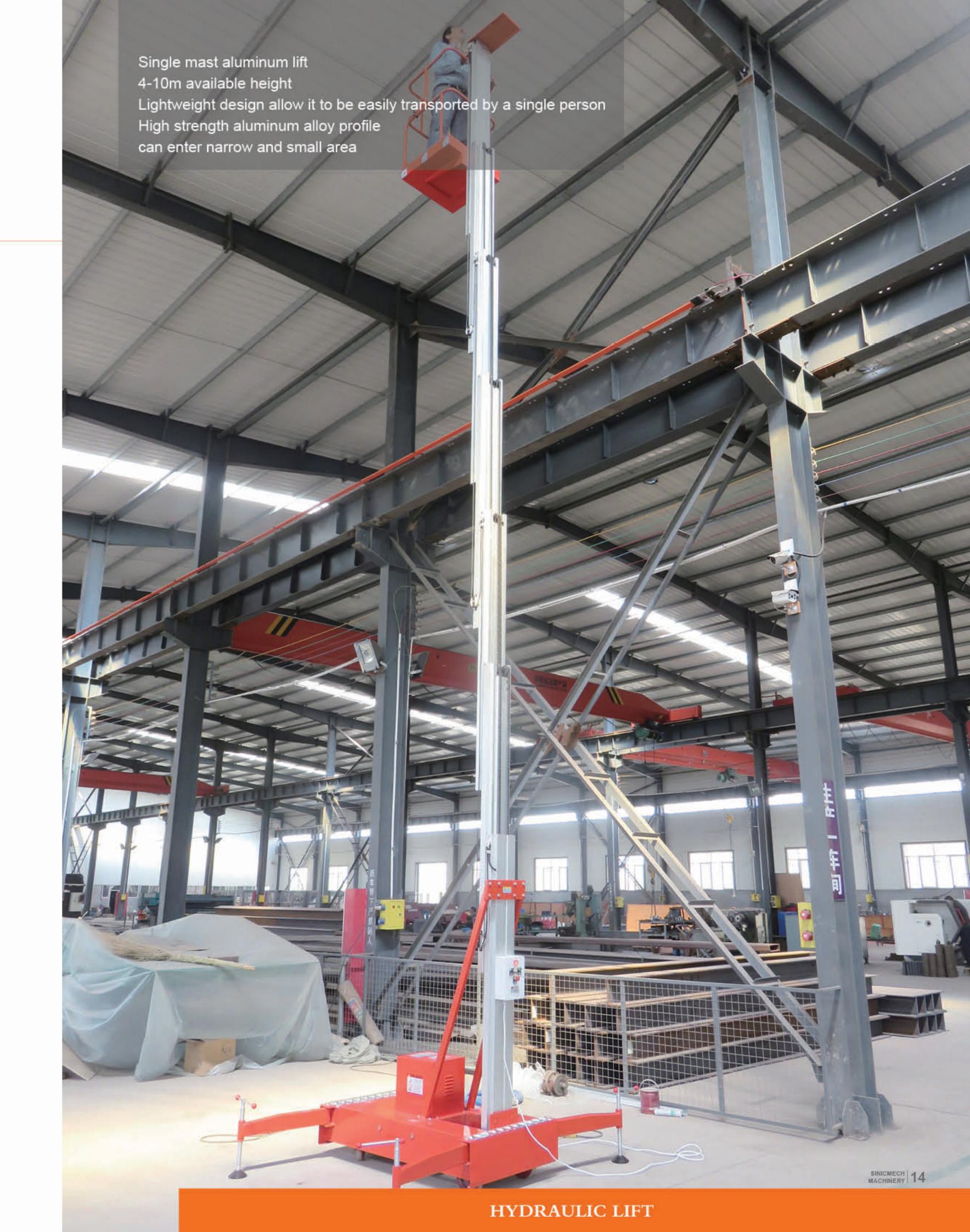
Platform control













# TAM

### **Mobile Vertical Lifts**



#### Vertical lift-Two mast

vertical litt-Two mas	5			
Model	TAM0.2-8	TAM0.2-10	TAM0.2-12	TAM0.2-14
Capacity	200kg	200kg	200kg	200kg
Platform height	12.00m	10.00m	12.00m	14.00m
Max. working height	10.00m	12.00m	14.00m	16.00m
Platform size	1.45x0.60m	1.45x0.60m	1.65x0.60m	1.65x0.65m
Max. Occupants	2	2	2	2
Dimensions				
Overall length	1.90m	1.90m	2.00m	2.10m
Overall width	0.80m	0.80m	0.89m	1.00m
Overall height	1.98m	1.98m	2.08m	2.40m
Lift power	-	P.	10	
AC	110-380v	110-380v	110-380v	110-380v
Motor	1.5kw	1.5kw	1.5kw	1.5kw
Weight	580kg	730kg	850kg	950kg

#### Standard

Dual controllers operation Emergency lowering system Emergency stop button Overload protection Locking Key Switch Hidden guardrail

#### Optional

Overload sensor with alarm Optional Chassis with level gauge DC power AC to platform Extended platform



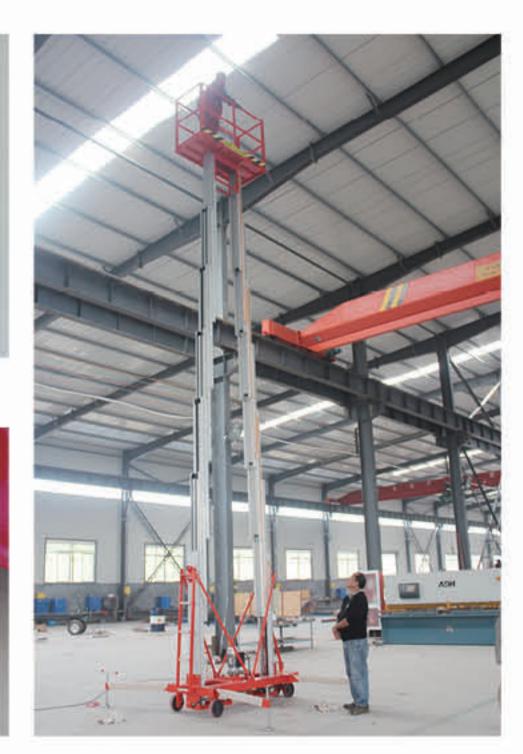
Platform panel



Control box



Non-trace universal wheel



#### Mobile Vertical Lift (Three mast & Four mast)

Model	TAM0.2-14 (three mast)	TAM0.2-16 (three mast)	TAM0.2-16 (four mast)	TAM0.2-18 (four mast)	TAM0.2-20 (four mast)
Capacity	200kg	200kg	200kg	200kg	200kg
Max. Occupants	2	2	2	2	2
Max. work height	16.00m	18.00m	18.00m	20.00m	22.00m
Platform height	14.00m	16.00m	16.00m	18.00m	20.00m
Platform size	1.65x0.80m	1.65x0.80m	1.65x0.80m	1.40x1.00m	1.50x1.10m
Overall length	2.10m	2.20m	2.20m	3.20m	3.50m
Overall width	1.20m	1.30m	1.30m	1.50m	1.50m
Overall height	2.40m	2.70m	2.70m	3.20m	3.50m
Lifting motor	2.2kw	2.2kw	2.2kw	2.2kw	2.2kw
Weight	1200kg	1350kg	1600kg	1980kg	2200kg





#### Standard

Dual controllers operation Emergency lowering system Emergency stop button Overload protection Dual activated up/down switch Locking Key Switch Hidden guardrail





#### Optional

Overload sensor with alarm Optional Chassis with level gauge Beacon DC power AC to platform Extended platform Tiltable Type

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# TTC

# Telescopic Cylindrical Lift



Perfect stability in high aerial. Ideal warehouse use between racking and narrow aisle areas. Hospitals, schools, offices for suspended ceiling maintenance.

#### Single Ladder 4~8m

Model	TTC-4A	TTC-6A	TTC-8A
Capacity	200kg	200kg	200kg
Max. Occupants	1	-1	1
Max. work height	6.00m	8.00m	10.00m
Platform height	4.00m	6.00m	8.00m
Platform size	0.8x0.8m	0.8x0.8m	0.8x0.8m
Anti-wind capacity	5	5	5
Lifting motor	1.1kw	1.1kw	1.1kw
Overall length	0.92m	1.02m	1.16m
Overall width	0.79m	0.85m	0.92m
Overall height	1.7m	1.80m	2.0m
Weight	400kg	480kg	580kg

#### Standard

Telescopic-cylinder with ladder
Emergency lowering system
Emergency stop button
Under voltage protector
Explosion-proof valves
Spillover valve
One-way valve
Remote and control box
AC lift power

#### Single Ladder 10~14m

Model	TTC-10A	TTC-12A	TTC-14A
Capacity	200kg	200kg	200kg
Max. Occupants	1	1	1
Max. work height	11.70m	14.00m	16.00m
Platform height	10.00m	12.00m	14.00m
Platform size	0.8x0.8m	0.8x0.8m	0.8x0.8m
Anti-wind capacity	5	5	5
Lifting motor	1.1kw	1.1kw	1.1kw
Overall length	1.16m	1.40m	1.40m
Overall width	1.00m	1.25m	1.23m
Overall height	2.10m	2.20m	2.40m
Weight	650kg	900kg	1075kg

#### Optional

Overload sensor with alarm AC power to platform Beacon DC power with charger Optional color





Outrigger Ga



Galvanized anti-rotating ladder



Foldable Guardrail







# TTC Telescopic Cylindrical Lift



#### Double Ladder, 16~35m

Model	TTC-16B	TTC-18B	TTC-20B	TTC-22B	TTC-24B
Capacity	200kg	200kg	200kg	200kg	200kg
Max. Occupants	1	1	1	1	1
Max. working height	18.00m	20.00m	22.00m	24.00m	26.00m
Platform height	16.00m	18.00m	20.00m	22.00m	24.00m
Platform size	0.85x0.85m	0.85x0.85m	0.85x0.85m	0.85x0.85m	0.85x0.85m
Anti-wind capacity	5	5	5	5	5
Lifting motor	1.5kw	2x1.1kw	2x1.1kw	2x1.1kw	1.1kw
Overall length	1.68m	1.78m	1.85m	1.97m	1.97m
Overall width	1.35m	1.47m	1.56m	1.65m	1.65m
Overall height	2.36m	2.60m	2.65m	2.75m	2.82m
Weight	1350kg	1600kg	1650kg	1850kg	2200kg

Model	TTC-26B	TTC-28B	TTC-30B	TTC-32B	TTC-35B
Capacity	150kg	150kg	120kg	120kg	120kg
Max. Occupants	1	1	1	1	1
Max. working height	28.00m	28.00m	32.00m	8.00m	11.70m
Platform height	26.00m	30.00m	30.00m	6.00m	10.00m
Platform size	0.85x0.85m	0.85x0.85m	0.85x0.85m	0.85x0.85m	0.85x0.85m
Anti-wind capacity	4	4	4	4	4
Lifting motor	1.1kw	1.1kw	1.1kwx2	1.1kwx2	1.1kwx2
Overall length	2.05m	2.20m	2.25m	2.50m	2.50m
Overall width	1.75m	1.80m	1.90m	1.90m	1.90m
Overall height	3.05m	3.05m	3.20m	3.35m	3.70m
Weight	2450kg	2500kg	2800kg	3200kg	3600kg







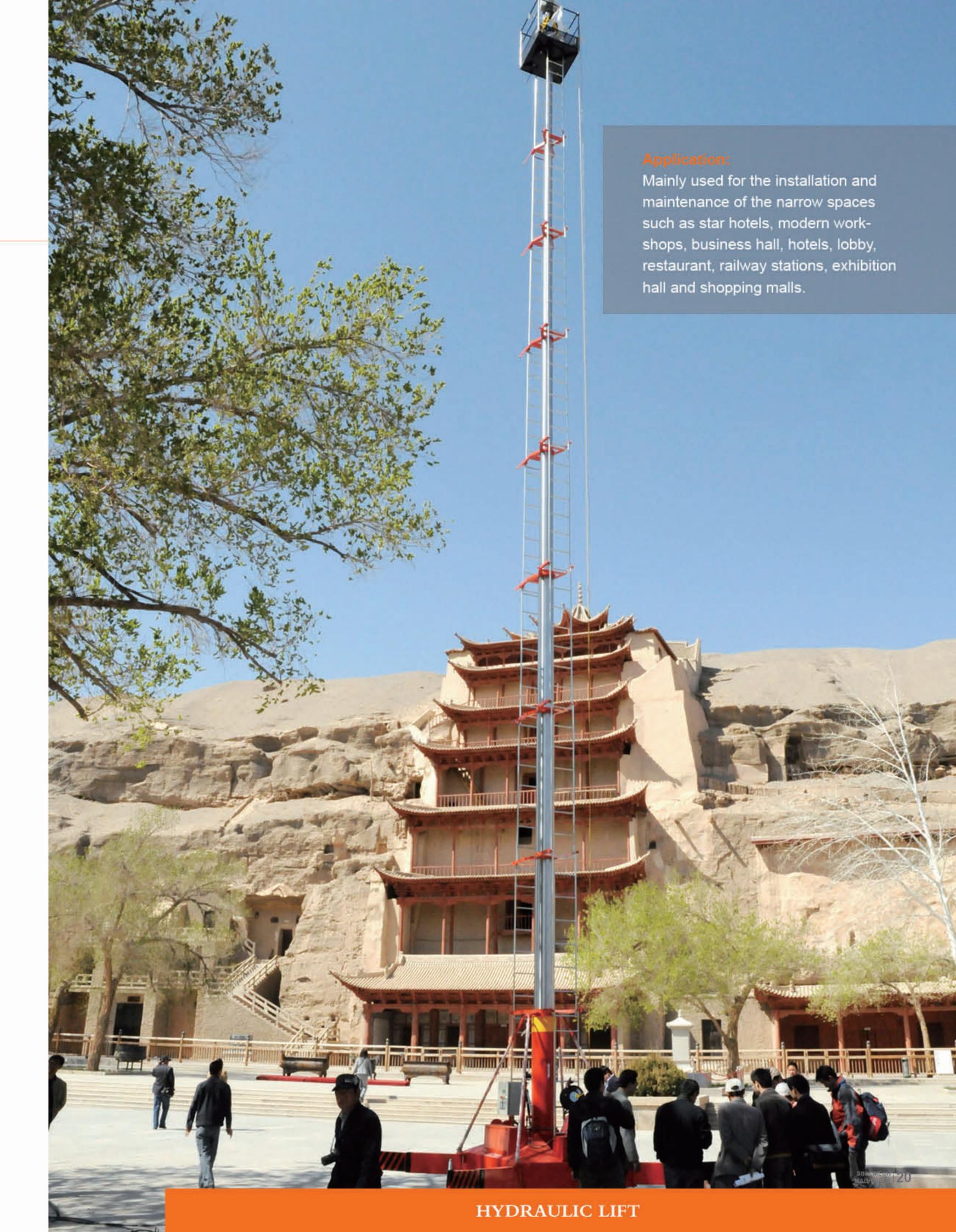


Remoter

Outrigger slot

Main control box

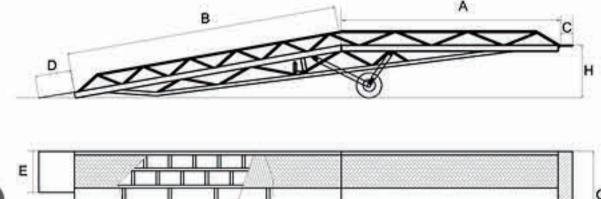
Tiltable design

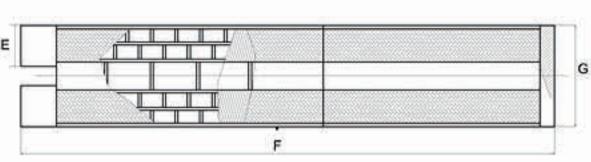




# MDR

## Mobile Dock Ramp



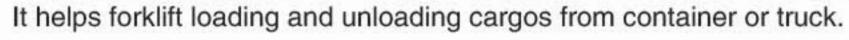


Mobile dock ramp is widely used for forklift loading/unloading work between trucks or containers and material handling in warehouse, wharf, logistics center, working place, etc. It can be operated by single person easily which saves much labor and promotes working efficiency.

#### Manual power or electricity power is for your choice

Model	MDR-5	MDR-6	MDR-8	MDR-10	MDR-12	MRD-15
Load capacity	5000kg	6000kg	8000kg	10000kg	12000kg	15000kg
Forklift suspensive boardA	2.5m	2.5m	2.5m	2.5m	2.5m	2.5m
BodyB	7.5m	7.5m	7.5m	7.5m	7.5m	7.5m
LipC	0.4m	0.4m	0.4m	0.4m	0.4m	0.4m
Leading boardD	0.6m	0.6m	0.6m	0.6m	0.6m	0.6m
Leading boardE	0.5m	0.5m	0.5m	0.5m	0.5m	0.5m
Overall lengthF	11m	11m	11m	11m	11m	11m
Overall widthG	2m	2m	2m	2m	2m	2m
Working heightH	1.0-1.8m	1.0-1.8m	1.0-1.8m	1.0-1.8m	1.0-1.8m	1.0-1.8m
Weight	2500kg	2600kg	2800kg	3000kg	3200kg	3500kg









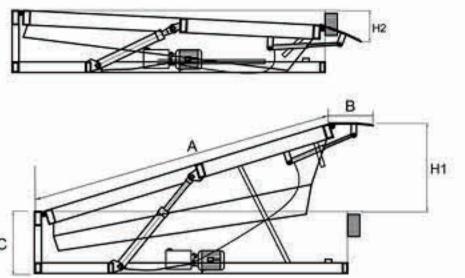




Safety chain Antiskid plate

Manual Up&Down

# SDR Stationary Dock Leveler.



Stationary dock leveler is widely used in warehouse, station, wharf, warehousing logistics base, postal transportation, logistics distribution etc.

3m +0.4/-0.3m	8000kg 2.5x2m +0.4/-0.3m	10000kg 2.5x2m +0.4/-0.3m	12000kg 2.5x2m +0.4/-0.3m	15000kg 2.5x2m +0.4/-0.3m
1120 / 200 potentico 102	Andrew Suprogrammer	ALTONOO MATUUSA ASA	Table Administrative	er transcher und die der
3m +0.4/-0.3m	+0.4/-0.3m	+0.4/-0.3m	+0.4/-0.3m	+0.4/-0.3m
		0.001 (00.1300) V 3.500 (0.101)	**************************************	
0.4m	0.4m	0.4m	0.4m	0.4m
0.6m	0.6m	0.6m	0.6m	0.6m
6m 2x2x0.6m	2x2x0.6m	2x2x0.6m	2x2x0.6m	2x2x0.6m
	0.6m 6m 2x2x0.6m	0.6m 0.6m 6m 2x2x0.6m 2x2x0.6m	0.6m 0.6m 0.6m	0.6m 0.6m 0.6m 0.6m 2x2x0.6m 2x2x0.6m 2x2x0.6m 2x2x0.6m



Fixed in the pit, is the auxiliary equipment for cargo loading into container or truck



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# ATB

### **Trailer Boom Lift**

Trailer articulated boom lift has extensive application field and stable safety performance, it is widely used for roads, street light maintenance, shopping malls, and other working place.

Model	ATB0.2-6	ATB0.2-8	ATB0.2-10	ATB0.2-12	ATB0.2-14	
Platform height	6m	8m	10m	12m	14m	
Max. work height	8m	10m	12m	14m	16m	
Max. horizontal reach	3m	3.5m	4m	5.5m	6.5m	
Turntable Rotation	360°	360°	360°	360°	360°	
Jib Rotation	100°	100°	100°	100°	100°	
Platform capacity	200kg	200kg	200kg	200kg	200kg	
Platform Size	0.9×0.7×1.1m	0.9×0.7×1.1m	0.9×0.7×1.1m	0.9×0.7×1.1m	0.9×0.7×1.1m	
Traveling speed	35km/h	35km/h	35km/h	35km/h	35km/h	
Dimensions	4.8×1.6×1.8m	5.4×1.6×1.9m	5.4×1.6×1.9m	5.8×1.8×2.2m	6.4×1.8×2.2m	
Power capacity	Standard power source: Electric 220V AC power					
	Optional power source: Diesel engine/Battery					





AC Plug









Hands prevent folder Omni-directional wheel

Hydraulic lock

Hydraulically outriggers









### **Articulated Boom Lift**

Vehicular articulated boom lift is a special equipment for high building, with four full-automatic hydraulic legs, articulating booms, self-propelled, can lift up and down automatically, 360° rotation work range, which enable lift work across the barriers.

Model	VA-8	VA-10.5	VA-12.5	VA-13.5		
Max. lift height	8m	10.5m	12.5	13.5m		
Max. working height	10m	12.5m	14.5	15.5m		
Working cage	0.7×0.55×1.1m	0.7×0.55×1.1m	0.7×0.55×1.1m	0.7×0.55×1.1m		
Platform capacity	200kg	200kg	200kg	180kg		
Max working radius	2.5m	2.5m	3.8m	4.2m		
Rotation	360°	360°	360°	360°		
Overall Size	3.8×1.9×2.8m	3.8×1.9×3m	4.8×2.1×3.05m	5.1×2.2×3.25m		
Total weight	1250kg	1360kg	1800kg	1900kg		
Power	Diesel power					
Optional power	DC; Hybrid power					



Legs control



Control Panel









HYDRAULIC LIFT



Mostly used for factory maintain, site installation and building cleaning, your ideal man lift.

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