



PRODUCT BROCHURE



**BUILDING
HOIST**



**GONDOLA
(SUSPENDED PLATFORM)**



MANLIFT



HQC BUILDING EQUIPMENTS CORPORATION



About our company

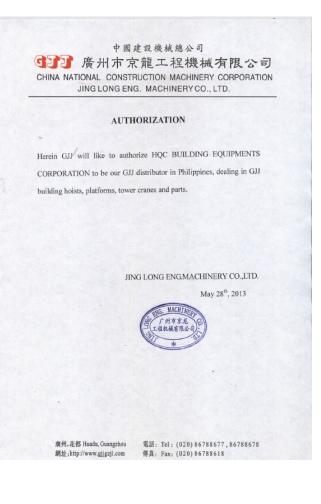
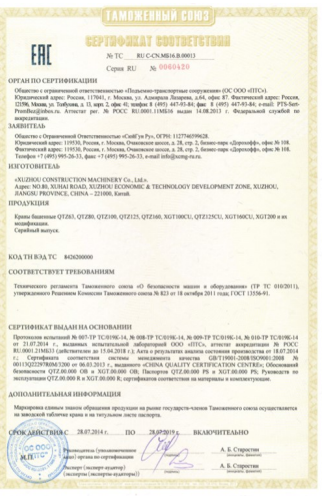
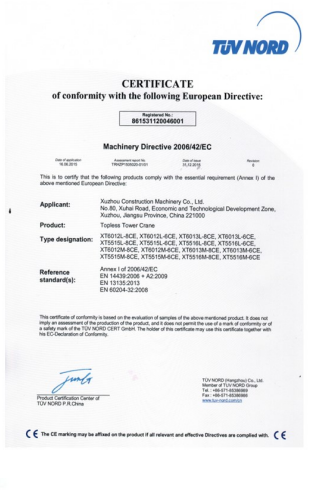
HQC BUILDING EQUIPMENTS CORPORATION was established and registered to SEC in Metro Manila on May 2013, it's a localized joint venture in the Philippines which was founded by professional Filipino and well known branded Chinese manufacturers. HQC's head office is located Ortigas CBD commercial district in Pasig city, it has medium-large sized modernized equipment warehouse more than 4000sqm at Morong- Rizal province which is about 25km away from Metro Manila. HQC's main product line for sale includes Tower crane, Construction hoist, Suspended platform (Gondola), Manlift, Forklift, Steel structure and other high rising building equipment and materials, meanwhile, HQC is also offering rental service for these equipment nationwide with brand new and used unit. We have more than 60 professional employees dedicated to serve our client for construction equipment pre-sale service, sale service, after-sale service, and equipment solutions. As HQC is developing and growing, our team is getting bigger and more professional to take care of our client better.

HQC's construction equipment are manufactured by China's leading factory in this industry with advanced and updated technologies, our product has obtained certification of ISO, CE, TUV, SGS and other authorities, which could support HQC to fulfil its principal-- To bring "High Quality product from China" for the Philippines construction. As of now, HQC is the authorized distributor in the Philippines for these top brands from China like XCMG, CABB, SHENXI. We are dedicated to provide the more advanced technology and more reliable quality with more economic cost. Service is always one of HQC's most important pursuit, in order to serve and satisfy our client, we've made a big stock for spare parts and fast moving parts here in the Philippines for each specific product, and trained local technical service for trouble shooting, installation, dismantling and maintenance, we've been doing our best and will continue to put our most effort to give reliable and timely service. So far, we have supplied our product to the Philippine reputed big companies here such as MDC, DDT, DATEM, STONERICH, STA LUCIA, PHINMA, FRE-FIL, NGCB, AM ORETA, we are glad and honored to get their accreditation and trust, this motivates us all the time to improve our product and service for better satisfaction of our old and new client.



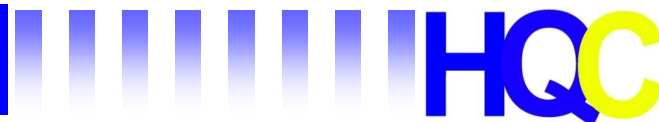
Supported by our excellent factories, cooperated with our valued Philippine client, HQC BUILDING EQUIPMENTS CORPORATION sincerely wish to give its best contribution to build this "country of thousands of islands"—Philippines to be a rich and livable beautiful country.

CERTIFICATIONS



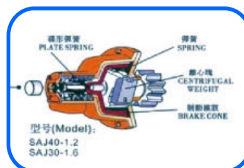
BUILDING HOIST

PRODUCT FEATURES



SAFETY FEATURE

- Main steel structural mast section adopts Q235A/B seamless steel pipe which is from China's leading steel plant.
- The unit is with complete set of safety devices including anti-drop safety device, up and down limiters, enclosure gate and door limiters, 3-phase limiters, low speed-high speed shifting limiters, load indicator, safety hook, bottom buffer system and electrical and mechanical interlock system.
- All mechanic key parts such as gears and bearings are from top brand supplier in China or imported from world leading factory, all electrical parts are world famous brand.
- Product is designed by China Academy of Building Research, the technology is guaranteed and testified in last 30 plus years and its still innovating for perfection.
- Advanced high-tech production line with welding robot and very strict quality control and checking system.



Safety device



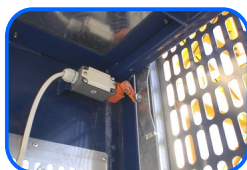
High tension seamless pipe



Remote calling device



Welding robot



Limiter



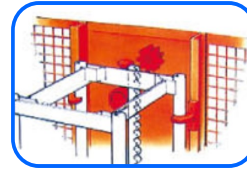
Interlock system



Bottom buffer system



Load indicator



Safety hook

RELIABLE PERFORMANCE



Drive system



Inverters

- All electrical key parts are from reputed brand like Schneider, Siemens, Yaskawa, Toshiba, this assures the stable performance and long operation life of our product .
- For motor we adopt top brand "Zhang Jiang"; for gear box we adopt top brand "Aoya" and for frequency control unit we adopt Schneider/Yaskawa/Toshiba inverters. This greatly guaranteed the stability and durability.
- Mast section is galvanized, pinion gear and rack adopt special materials and thermal treatment. Control system is simplified while efficiency is improved.
- Timely spare parts delivery and hustle-free service in the PH.

MODEL VARIETY

- For ordinary model, standard size of cage is 3x1.5x2.5m, we can also customized the size of the cage to client's special request.
- For different project site and conditions, and also for different lifting and riding requirement, we are supplying different type of construction hoists:
 1. Ordinary construction hoist
 2. Heavy duty & oversized construction hoist
 3. Curved and inclined construction hoist
 4. Mini construction hoist for passengers



SC SERIES HOIST

SC series hoist is designed for vertical transportation driven with pinion gears and racks, it can be applied to material and passengers vertical transportation of high rising building, high warehouse, port hauling, cooling tower/chimney, etc. SC series hoist has two type— single cage and twin cage, take the load capacity 2000kg for example, SC200 is the model for single cage and SC200/200 is the model for twin cages. SC series hoist is safe and efficient vertical transportation equipment with reliable electrical control and safe mechanical structures.



SC SERIES MODEL BASIC TECHNICAL DATA

SINGLE CAGE TYPE

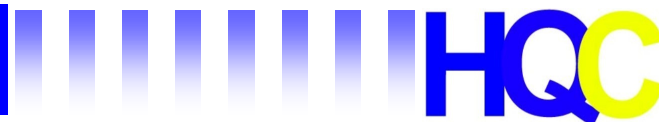
		Type	Payload (kg)	Lifting speed (m/min)	Motor power (kw)	Safety device
Single cage hoist	No counterweight	SC100	1000	33	2x11	SAJ30-1.2
		SC120	1200	33	2x11	SAJ30-1.2
		SC160	1600	33	2x11	SAJ30-1.2
		SC200	2000	33	3x11	SAJ40-1.2
		SC250	2500	33	3x11	SAJ50-1.2
		SC270	2700	33	3x15	SAJ50-1.2
		SC300	3000	33	3x15	SAJ50-1.2
		SC320	3200	33	3x15	SAJ50-1.2
	With counterweight	SCD200	2000	33	2x11	SAJ40-1.2
		SCD250	2500	33	2x11	SAJ50-1.2
		SCD270	2700	33	2x15	SAJ50-1.2
		SCD300	3000	33	2x15	SAJ50-1.2
		SCD320	3200	33	2x15	SAJ50-1.2

TWIN CAGE TYPE

		Type	Payload (kg)	Lifting speed (m/min)	Motor power (kw)	Safety device
Twin cage hoist	No counterweight	SC100/100	2x1000	33	2x2x11	2xSAJ30-1.2
		SC120/120	2x1200	33	2x2x11	2xSAJ30-1.2
		SC160/160	2x1600	33	2x2x11	2xSAJ30-1.2
		SC200/200	2x2000	33	2x3x11	2xSAJ40-1.2
		SC250/250	2x2500	33	2x3x11	2xSAJ50-1.2
		SC270/270	2x2700	33	2x3x15	2xSAJ50-1.2
		SC300/300	2x3000	33	2x3x15	2xSAJ50-1.2
		SC320/320	2x3200	33	2x3x15	2xSAJ50-1.2
	With counterweight	SCD200/200	2x2000	33	2x2x11	2xSAJ40-1.2
		SCD250/250	2x2500	33	2x2x11	2xSAJ50-1.2
		SCD270/270	2x2700	33	2x2x15	2xSAJ50-1.2
		SCD300/300	2x3000	33	2x2x15	2xSAJ50-1.2
		SCD320/320	2x3200	33	2x2x15	2xSAJ50-1.2

BUILDING HOIST

ORDINARY BUILDING HOIST



TYPICAL MODEL INFO

SC200 and SC200/200 are the most popular and practical model, they are being used worldwide and they can meet the requirement of most construction project.

SC200 & SC200/200 TECHNICAL DATA SHEET



SN	Items	Model-SC200	Model-SC200/200
1	Load capacity	2000kgs	2000kgs/ cage
2	Non frequency control speed	33m/min	33m/min
3	Low speed frequency control speed	0~33m/min	0~33m/min
4	Middle speed frequency control speed	0~60m/min	0~60m/min
5	Mast section size(painted/ galvanized)	650x650x1508mm	650x650x1508mm
6	Cage size	3x1.5x2.5m	3x1.5x2.5m
7	No. of cage	1	2
8	Maximum No. of passengers	22	44
9	Operator cab	Optional	Optional
10	Cage weight (including motor drive)	2000kg	2x2000kg
11	Motor drive	3X11kw / 2X15kw	3X11kwX2 / 2X15kwX2
12	Standard maximum height	200m	200m
13	Power supply	380V,50Hz,3P /440V,60Hz,3P	380V,50Hz,3P /440V,60Hz,3P
14	Load dispatching fuse current	93 A	186A
15	Rated power rate	75Kva	150Kva
16	Cable trolley	Yes	Yes
17	Safety device	SAJ40-1.4	SAJ40-1.4x2
18	Limiters	Complete set	Complete set
19	Other optional devices	Load indicator, Remote floor calling system	Load indicator, Remote floor calling system
20	Concrete pouring foundation size(standard)	3000x3300x400mm	4500X3300x400mm

- For other model and its technical details, please consult us.
- We also accommodate special request such as customized cage size, special foundation for site with restrictions, special anchorages design and size, and additional convenience devices for operation.
- We also offering rental service for this equipment for the Philippines nationwide. Inquiries of rental and inspection of the unit is welcome.

SCE SERIES HEAVY DUTY HOIST

SCE series heavy duty type hoist was designed for special site with requirement for much heavier load capacity and much bigger space inside the cage, its designed for transport passengers or oversized or over weighted goods inside building. It can be applied to big facilities such as hospital, multi-floors warehouse, multi-floors car parking building, department stores, etc.

This series hoist adopts two pillar mast sections for one cage design, which makes the operation of the cage very stable and smooth. More than 4 types of limiters were equipped to the hoist including up& down limiters, 3 phase limiter, speed sensor-interlock limiter and anti-drop safety device, when it's carrying passengers or luxury goods, there is no worries for any possible incident.

Technical data of heavy duty hoist

Type	Payload (kg)	Lifting speed (m/min)	Motor power (kw)	Safety device
SCE300	3000	5~10	2×2×4	SAJ50-0.5
SCE500	5000	5~10	2×2×4	SAJ30-0.5
SCE800	8000	5~10	2×2×7.5	SAJ50-0.5

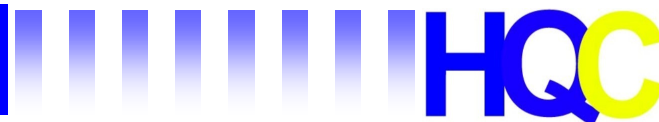


Remarks:

- The standard cage size is 3X2.5X5m, 5X4X3.2m, 3X3X2.4m, and we can produce customized size according to client's requirement according actual site need.
- The cage door design and materials is optional according to clients preference, the material of door can be aluminum molded board, punched plate, figured aluminum or other available material.
- The mast section and tie-in design can be customized also to match the building condition, also the surface treatment can be paint-spray or hot galvanization.
- For those key parts of the unit such as motors, reducers, inverter, it can be Chinese top brand or imported from top brand supplier world wide according to client's preference.
- HQC will provide complete foundation and installation service for the proper set-up of the unit.
- After-sale service is available here in the Philippines specially Metro manila area.
- As this series of hoist is special type not popular type, rental service for this model is not available as of now.

BUILDING HOIST

SCQ SERIES BUILDING HOIST



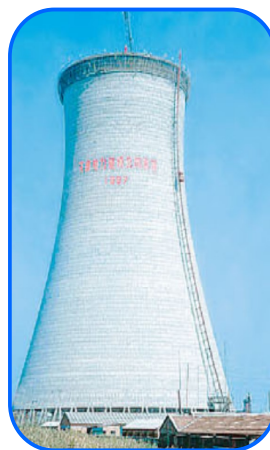
CURVED/INCLINED BUILDING HOIST

Ordinary building hoist could not meet the requirement of transport passengers and materials for some special buildings with curved or inclined exteriors, such as cooling tower of power plant, of which the building shaping a hyperbola along the tower wall.

To solve this problem, our Institute of Building Mechanization of China Academy of Building Research designed and developed the first curved building hoist in China, the track of this type of building hoist is in a curved shape which is parallel to the building's exterior. Our special technology—floating leveling mechanism assures the hoist cage run over a curve following the building exterior while itself will keep a levelled position.

With multiple safety devices and mechanical anchoring device, this type of building hoist could provide reliable and safe vertical transportation solution to those building with special exterior.

This type of building hoist is also applied to big chimney, water tank, oil tank, huge bridges, and other



Technical Data of Curved and Inclined Building Hoist

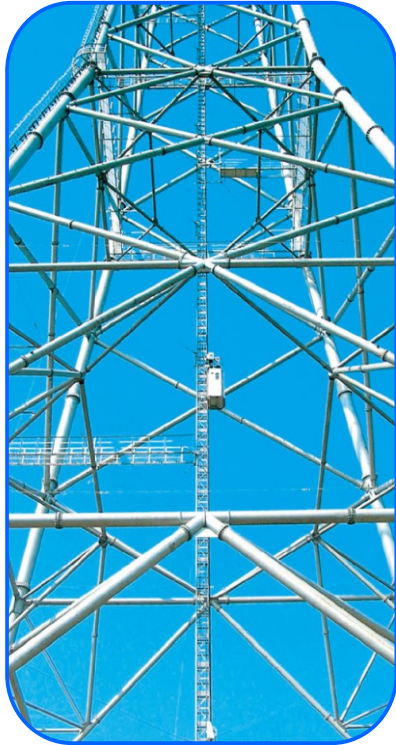
	Type	Payload (kg)	Lifting speed (m/min)	Motor power(kw)	Adaptable angle
Curved Building Hoist	SCQ60	600	33	1×11	-8°~+21°
			0~60 (VVVF)	2×11	
	SCQ120	1200	33	2×11	-10°~+25°
			0~60 (VVVF)	2×15	
Inclined Building Hoist	SCQ100/100	2×1000	33	2×2×11	
			0~60 (VVVF)	2×3×11	
	SCQ160/160	2×1600	33	2×2×11	
			0~60 (VVVF)	2×3×15	
	SCQ200/200	2×2000	33	2×3×11	
			0~60 (VVVF)	2×3×15	



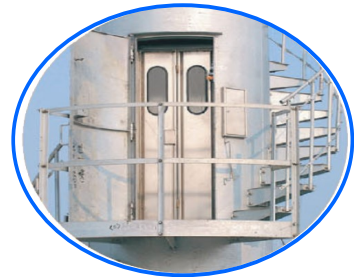
Remarks:

- Recommended size of cage is (LXWXH): 2X1.5X2.5m, 2.5X1.3X2.5m, 3.0X1.3X2.5m, and we can also accommodate special request of cage size as long as its not too much oversized.
- For every project we will have specific design for it, with specific foundation design and specific anchoring system design.
- For key parts of the hoist, China top brand and imported world top brand is for client's option.

SC MINI SERIES

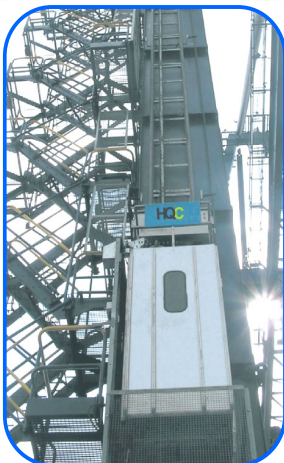


The mini building hoist is a minor sized vertical transportation equipment especially for 3-4 passengers and small tools and material with minor weight. Its designed on the basis of mesh driving principal of pinion and rack and mainly applied in industrial and civil constructions, big tower cranes, harbor machinery, tower transmission tower, bridges, TV signal towers, Telecom signal towers, chimney, boilers, tunnels for service and maintenance personnel's transportation or spare parts' hauling of the facilities. Mini building hoist is normally applied to super high structure or building, that's why it's all structures adopts high-tension steel and its equipped with multiple safety sensors, inter lock device and anti-drop device. It's a very ideal and reliable equipment for minor weighted passenger and material transportation in special projects.



Technical Data of Mini Building Hoist

Type	Payload (kg)	Lifting speed (m/min)	Motor power (kw)	Safety device
SC40	400	33	1×11	SAJ30-1.2
		0~60 (VVVF)	1×15	SAJ30-1.4
SC60	600	33	1×11	SAJ30-1.2
		0~60 (VVVF)	1×15	SAJ40-1.4
SC80	800	33	1×11	SAJ40-1.2
		0~60 (VVVF)	2×11	SAJ40-1.4

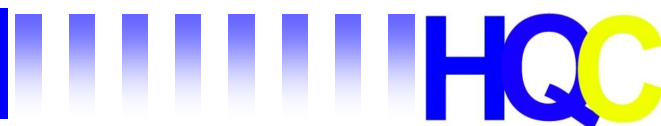


Remark:

- Recommended cage dimension (LXWXH) is 1X0.75X2.2m, 1.5X1.0X2.2m, we can also accommodate other size request as long as its not too much oversized.
- Every site will have a specific design of foundation and anchorage.
- This type of building hoist is a special type and not popular, so its not available for rent as of now.

BUILDING HOIST

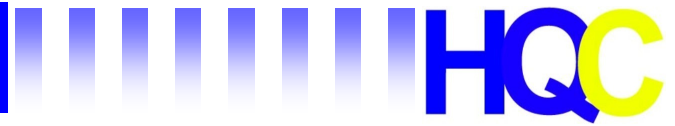
BUILDING HOIST PARTS



Item	Name	Item	Name
1	Contactora(Schneider, 110A)	25	Motor(China)
2	Relay(Schneider)	26	Reducing device(China)
3	Drop test operate box	27	Drive system(Germany SEW)
4	Limit switch(Schneider)	28	Cable wheel
5	3-phase	29	Guide wheel for cable trolley
6	Operate handle	30	Mast section
7	Electric magnet	31	Tie-in
8	Brake disc	32	Buffer spring
9	Armature	33	Rack
10	Adjusting unit	34	Safety device
11	Brake pieces	35	Breaking-through prevention device
12	Coupling	36	Cable guide frame
13	Nylon coupling	37	Rack wheel
14	Fan	38	Transformer
15	Worm and worm wheel	39	Anti-overload device
16	"J"shape bolt	40	Landing door
17	Bearing	41	Automated landing and calling device
18	Oil seal	42	Air-brake
19	Circularity bolt	43	"U"shape bolt
20	Roller	44	"V"shape bolt
21	Cable joint	45	Cable 3×16+1×6
22	Rubber pad		Cable 3×16+1×10
23	Pinion	46	Cable 3×25+2×10
24	M24 screw		Cable 3×25+2×16

SUSPENDED PLATFORM

GONDOLA INTRODUCTION



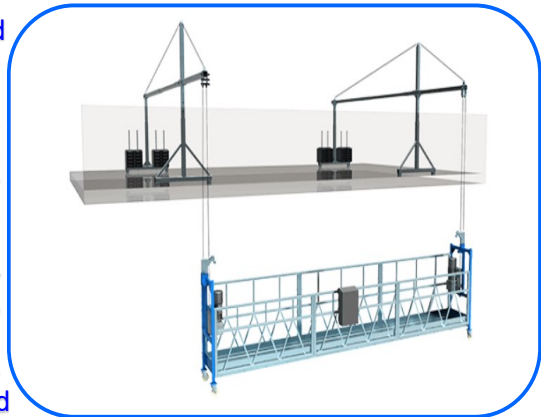
ZLP SEIRES GONDOLA

ZLP series suspended platform/ Gondola is designed and developed by our China Factory-Shen Xi, it's a ideal equipment for building façade construction, decoration, cleaning and maintenance, its also popularly applied to elevator installation, ship building and repairing, or in other works such as big sized tank, bridge, embankment and chimney. ZLP series versatile knock-down platforms provides workers safer, easier and more efficient platform access.

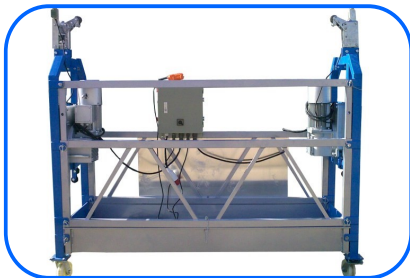
Equipped with advanced technology and admitted by ISO9001:2000 certificate, our factory design and produce various regular or special high working platform, suspended platform and lifting equipment according to your requirement. Since 1988 producing hoists, our company has a rapid but steady development. Compared with other equipment, our

ZLP suspended platform has the advantages of reliable safety, easy installation, high efficiency and small space. Owe to its unique design, our electric lifting equipment can be used in many complex environments such as high-rise buildings, working construction, maintenance and painting.

Through superior quality and first class service, our ZLP series suspended platforms are widely applied in major national construction projects such as China Ministry of Foreign Affairs Office Block, Beijing Oriental Plaza, Guangzhou Baiyun International Airport, Jiangyin Changjiang River Bridge. And now our products are also exported to the countries and lands such as Singapore, Vietnam, Philippines, Korea, Mexico, UAE, Hong Kong and Taiwan.



ZLP SEIRES GONDOLA



ZLP300



ZLP630



ZLP800

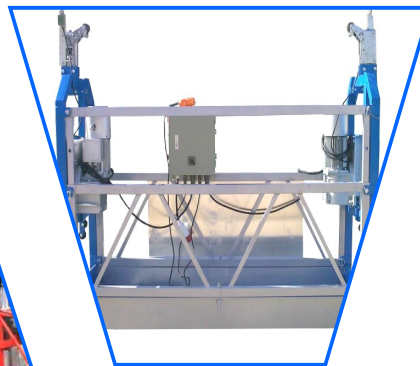


ZLP1000

ZLP SEIRES

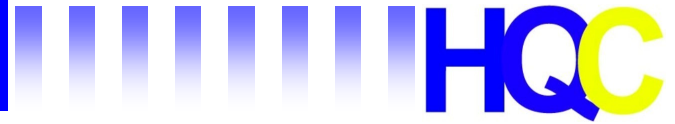
ORDINARY GONDOLA TECHNICAL DATA SHEET

Model	ZLP300	ZLP630	ZLP800	ZLP1000
Rated lifting capacity(kg)	300	630	800	1000
Rated lifting speed	9-11(m/min)	9-11(m/min)	8-10(m/min)	8-10(m/min)
Length of platform	3m	6m	7.5m	7.5m
Steel wire rope size	8.3mm	8.3mm	8.6mm	8.6mm
Hoist type	LTD3	LTD6.3	LTD8	LTD10
Rated lifting force of hoist	3 KN	6.17KN	7.84KN	9.8KN
Rated power rate	0.75KWX2	1.5KW X2	1.8/2.2KWX2	3KWX2
Rated voltage	380V/440V	380V/440V	380V/440V	380V/440V
Motor frequency	50HZ/60HZ	50HZ/60HZ	50HZ/60HZ	50HZ/60HZ
Rotation speed(rpm)	1420	1420	1420	1420
Brake Torque(N.m)	15	15	15	30
Safety Lock	LSB30	LSB30	LSB30	LSB30
Permission force of impact(KN)	30	30	30	30
Safety lock engage distance	<100mm	<100mm	<100mm	<100mm
Locking angle	3°- 8°	3°- 8°	3°- 8°	3°- 8°
Projecting length of roof mounted bracket	1.3-1.7 m	1.3-1.7 m	1.3-1.7 m	1.3-1.7 m
Adjustable height of roof mounted bracket	1.27-1.83 m	1.27-1.83 m	1.27-1.83 m	1.27-1.83 m
Weight of roof mounted bracket	310kg	310kg	310kg	390kg
Counter weight	750kg	900kg	1000kg	1300kg

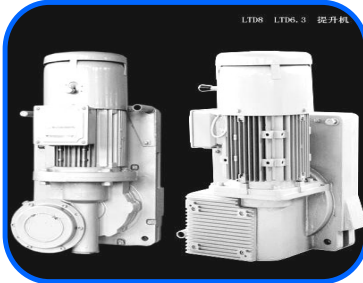


SUSPENDED PLATFORM

KEY PARTS INTRODUCTION



LTD SERIES HOIST

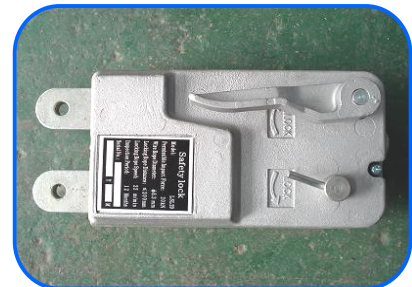
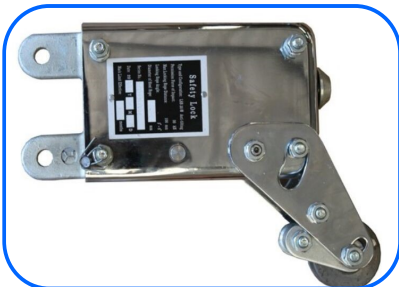


Hoist is the most important part of powered suspended platform, Adopting international advanced cable-guiding system, and with its main parts produced by machining center and numerically controlled machines, Our hoist has the characteristics of superior-quality, excellent appearance, low noise and long life. Other than supporting with suspended platforms, the hoist can be also adopted for parallel traction, lifting and hanging in many industries. You can use LTD8, LTD6.3, LTD5 or LTD4 series hoist according to your various needs. LTD8 type hoist adopts "S" cable-guiding system, its powerful in lifting force and steady in operation. So it is mainly used for heavy capacity transport.

Parameters of Hoist 提升机参数

Model	LTD8	LTD 6.3	LTD 5	LTD 4
Rated Lifting Force	8	6.3	5	4
Lifting Speed	8.3	9.6	9.6	7.3
Weight	87	53	51	32
Electric Motor	Power	2.2	1.5	1.1
	Voltage	380/440	380/440	380/440
	Frequency	50/60	50/60	50/60
	(N.M) Brake Torque	15	15	10.4
	(r/min) Rotation Speed	1420	1420	1420
	Wire Rope Diameter	8.6	8.6	8.6

SAFETY LOCK & STEEL WIRE ROPE



Safety lock is the essential part to ensure the safety when the suspended platform/gondola is operational on a high rising structure. Our safety lock has excellent design and superior quality. There are two types of safety lock according to operation principal produced by our factory, which is LSB anti-tilting type safety lock and LSL centrifugal type safety lock.

Model	Configuration	Allowable Load	Permission force of impact	Locking Cable Distance	Locking Cable Angle	Locking Cable Speed
LSB30	Anti-tilting Type	> 800kg	30 KN	< 100mm	3°~8°	
LSL30	Centrifugal Type	> 800kg	30 KN	< 100mm		≥22mm/min

When the platform is tilted within 3-8° , the safety lock will automatically hold and lock the wire rope to stop the ongoing tilting and operator can adjust the level of the platform back to normal. When the working steel wire rope breaks and cut or in case the hoist is loose brake, the safety lock senses the dropping of platform and will automatically lock the safety wire rope with a braking length less than 10cm, this greatly helps to avoid accident and make the gondola safe to operate.

We use the top leading brands—"FASTEN" brand and "SAFETY" brand steel wire rope for our Suspended gondola, its tensile strength is more than 2260Mpa and Tension of rupture is more than 58.79KN, their stable performance and reliable quality improves and enhances the safety feature of our gondola.

SUSPENSION MECHANISM



Suspension Mechanism / roof mounted bracket is installed on the top of the building and it is easy for installing. The height and the front beam overhang can be adjusted to adapt different kinds of building facades and roof structures. Front beam overhang is from 1.3m to 1.7m and adjustable height of the beam is between 1.44m and 2.14m. All steel beams adopts special high tension steel and we get is hot galvanized while all welding is enhanced, and other accessories like rollers and U bolts we use the most durable ones. The suspension mechanism can also be customized design made according to special conditions that customers may encounter.

PARAPET WALL CLAMP

Parapet wall clamp is a special suspension mechanism which is applicable to installation of gondola in site with certain height and solid parapet wall. When the site has not enough space or too many obstacle to set up the roof mounted bracket with very limited space, but there is solid concrete parapet wall, then parapet wall clamp will be a good solution for it. It can fit different parapet wall with thickness from 220mm to 460mm. Whole structure of parapet wall clamp adopts high tension steel and high tension welding, fasteners are grade 8.8 or 10.9, and it's also equipped with safety steel wire rope, when it is applied to the roof of the building, the safety wire will be fastened to the roller at the back of parapet wall clamp, and the other end will be fastened to a steady structure of the building roof, it's a safe and convenient device for gondola suspension mechanism.



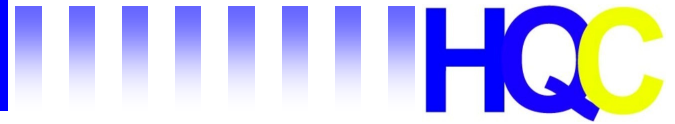
CONTROL PANEL BOX



Our electrical control panel box is equipped with international and china national famous brand electrical components, and the control system is very well designed and tested, Operation safety is assured with anti-leaking protection, phase relay and thermal relay protection, automatic limit switch and alert bell for emergency. in the past a few decades, its proven to be stable and reliable enough, we still innovating it according to site feedback for better convenience and durability purpose.

SUSPENDED PLATFORM

SPECIAL GONDOLA



CIRCULAR ARC GONDOLA



- Perfectly fit the exterior wall with circular arc shape.
- Save time and labor than regular gondola
- Easy and safe to operate.



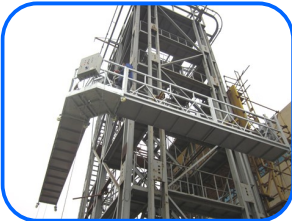
DOUBLE-DECK GONDOLA



- More space for passengers
- Multiple work can be carried out simultaneously
- Convenient to cooperate for up and down workers for some oversized signage and parts installation.



CORNER/ANGLE GONDOLA



- Angle of body bending is adjustable according to site condition
- Perfectly fit the corner shape of the building
- High work efficiency
- Installation is as simple as regular gondola



SINGLE USER CHAIR GONDOLA



- Easy to mobilize
- Easy to install and use
- Can be applied to different special site for minor cleaning and maintenance work
- Reliable safety feature
- Small space required for stock



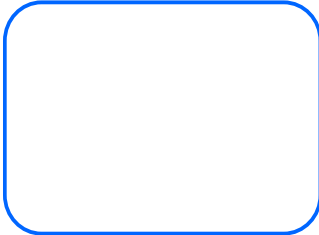
MARINE GONDOLA



- Specialized for large ship
- Travelable on the ship-board
- Operation line well-match with the exterior of ship



GONDOLA PARTS



Gondola motor and its accessories:

- capacitor
- Magnetic brake
- Cooling fan
- Cable plug., etc



Gondola hoist and its accessories:

- Centrifugal brake
- In & out tube
- Wire tensioner unit
- Wire rope guide steel ring
- Splitter., etc



Gondola control panel and its accessories:

- Push buttons
- Contactors
- Power cable plugs
- Transformer & Relay ., etc



Gondola basket body and its accessories:

- | | |
|-----------------------|--------------------------|
| • Safety lock | • End stirrup |
| • Buffer wall wheel | • Side balustrade |
| • Bottom wheel | • Limiters |
| • Assembling HT bolts | • Wire rope guide roller |
| • Heavy hammer | • Riser cable., etc |



Gondola roof mounted bracket and its accessories:

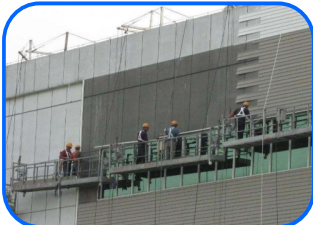
- | | |
|-----------------------|----------------------|
| • Beams | • Parapet wall clamp |
| • U bolts | • Limiter stopper |
| • Steel wire rope | • Jib nose |
| • Assembling HT bolts | • Nylon oval roller |
| • Counter weight | • Turn buckle., etc |

GONDOLA RENTAL&SERVICE



We are providing national wide gondola rental, repair and maintenance service here in the Philippines.

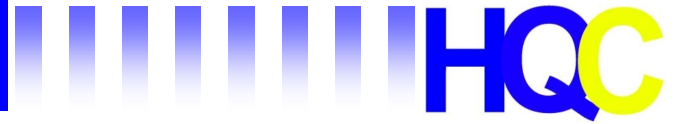
⇒ For repair and maintenance service, HQC brand unit is with sufficient parts stock and the service is within 12 hours within Metro Manila area. For site in other provinces, the service time depends on the location. For other brand gondola, please inquire to our sales office for compatibility and availability of parts first, then we can schedule service staff for you.



⇒ For gondola rental, we have more than 50 units of available unit here in Metro Manila designated for rental service only, most of the units are model ZLP800 and all in good running condition, welcome to send all your site information and inquire to our office. Thank you.

MAN LIFT

SCISSOR AERIAL WORK PLATFORM



SJY SERIES MANLIFT



Scissor type aerial work platform adopts the scissors-structure for its jacking-up mechanism, it is a stable and spacious aerial work equipment and its being used world widely. SJY series scissor aerial work platform has the futures of safe, economic and easy to operate. The rated load capacity is from 300kg-1000kg, and its height is from 3m up to 16m. SJY series manlift is semi-automatic, when using this series manlift, user need to manually pull the unit the designated area and set it up with its 4 out riggers steadily, then contact the power cable to power source and test the electrical-hydraulic jack-up system. The operation is very easy, only "up" and "down" button to control the height.

Please see the following SJY models information, if you have special requirement for power supply, platform size, load capacity and other aspect, please contact us for customized model.



SJY SERIES MANLIFT TECHNICAL DATA SHEET

Model	Rated capacity	Min. Height	Max. Height	Size of platform	Motor power	Power supply	Dead weight	Walking mode
SJY0.3-3	300kg	850mm	3000mm	1.4x0.7m	0.55kw	400V/60Hz/3P	400kg	Manual
SJY0.5-3	500 kg	850mm	3000mm	1.4x0.7m	0.75kw	400V/60Hz/3P	400kg	Manual
SJY0.3-6	300 kg	950mm	6000mm	1.8x0.88m	0.75kw	400V/60Hz/3P	750kg	Manual
SJY0.5-6	500 kg	950mm	6000mm	1.8x0.88m	0.75kw	400V/60Hz/3P	750kg	Manual
SJY0.3-9	300 kg	1350mm	9000mm	1.8x1m	1.1kw	400V/60Hz/3P	1200kg	Manual
SJY0.5-9	500 kg	1550mm	9000mm	1.8x1m	1.1kw	400V/60Hz/3P	1260kg	Manual
SJY0.3-12	300 kg	1750mm	12000mm	2.45x1.35m	2.2kw	400V/60Hz/3P	1700kg	Manual
SJY0.5-12	500 kg	1750mm	12000mm	2.45x1.35m	2.2kw	400V/60Hz/3P	1850kg	Manual
SJY0.3-14	300 kg	1980mm	14000mm	2.45x1.35m	2.2kw	400V/60Hz/3P	2200kg	Manual
SJY0.5-14	500 kg	1980mm	14000mm	2.45x1.35m	2.2kw	400V/60Hz/3P	2500kg	Manual
SJY0.3-16	300 kg	1980mm	16000mm	2.65x1.5m	3kw	400V/60Hz/3P	2600kg	Manual
SJY0.5-16	500 kg	1980mm	16000mm	2.65x1.5m	4kw	400V/60Hz/3P	3000kg	Manual
SJY1-4.5	1000 kg	1350mm	4500mm	1.5x0.88m	1.5kw	400V/60Hz/3P	900kg	Manual
SJY1-6	1000 kg	1500mm	6000mm	1.8x1m	2.2kw	400V/60Hz/3P	1300kg	Manual
SJY1-9	1000 kg	1780mm	9000mm	2x1.2m	3kw	400V/60Hz/3P	1700kg	Manual
SJY1-12	1000 kg	1860mm	12000mm	2.45x1.5m	4kw	400V/60Hz/3P	3000kg	Manual
SJY1-14	1000 kg	2060mm	14000mm	2.45x1.5m	4kw	400V/60Hz/3P	4000kg	Manual

SJX SERIES MANLIFT



SJX series scissor type aerial work platform is developed from SJY series, beside the electric-hydraulic jack-up function, it has also auto walking function. Its widely used in the industries such as warehousing, port loading and unloading, interior and exterior decorating, signage installation, electricity installation, etc. Compare to SJY series, this greatly saved the labor cost. It equipped with big capacity battery, when its charged and delivered to site, it's ready for operation already, no need to find power supply for it and spend connect cable for supply. In case its low battery, only family use electricity 110V/200V single phase is enough to charge. SJX series manlift is popular and also economic for vertical lifting, only one person can make it fully operational. This series manlift has load capacity from 300kg to 1000kg, and maximum operation height from 6m up to 14m for user's choice. If you have any special requirement other than the following models, please consult us for customized model.

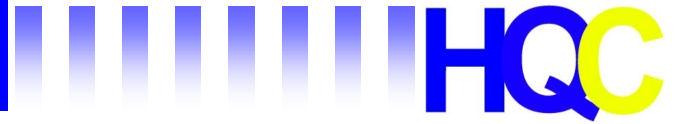


SJX SERIES MAN LIFT TECHNICAL DATA SHEET

Model	Rated capacity	Min. Height	Max. Height	Size of platform	Motor power	Charging power	Dead weight	Walking mode
SJX0.3-6	300 kg	1130mm	6000mm	1.8x0.88m	2.2 kw	DC 24V	1200kg	Auto/Electrical
SJX0.5-6	500 kg	1130mm	6000mm	1.8x0.88m	2.2kw	DC 24V	1200kg	Auto/Electrical
SJX0.3-9	300 kg	1350mm	9000mm	1.8x1m	2.2kw	DC 24V	1650kg	Auto/Electrical
SJX0.5-9	500 kg	1550mm	9000mm	1.8x1m	2.2kw	DC 24V	1750kg	Auto/Electrical
SJX0.3-12	300 kg	1750mm	12000mm	2.45x1.35m	3kw	DC 24V	1700kg	Auto/Electrical
SJX0.5-12	500 kg	1750mm	12000mm	2.45x1.35m	3kw	DC 48V	1850kg	Auto/Electrical
SJX0.3-14	300 kg	1980mm	14000mm	2.45x1.35m	3kw	DC 48V	2200kg	Auto/Electrical
SJX0.5-14	500 kg	1980mm	14000mm	2.45x1.35m	3kw	DC 48V	2500kg	Auto/Electrical
SJX0.3-16	300 kg	1980mm	16000mm	2.75x1.5m	3kw	DC 48V	2600kg	Auto/Electrical
SJX0.5-16	500 kg	1980mm	16000mm	2.75x1.5m	3kw	DC 48V	3000kg	Auto/Electrical
SJX1-6	1000 kg	1500mm	6000mm	1.8x1m	3kw	DC 24V	1300kg	Auto/Electrical
SJX1-9	1000 kg	1780mm	9000mm	2x1.2m	3kw	DC 24V	1700kg	Auto/Electrical
SJX1-12	1000 kg	1860mm	12000mm	2.45x1.5m	3kw	DC 48V	3000kg	Auto/Electrical
SJX1-14	1000 kg	2060mm	14000mm	2.45x1.5m	3kw	DC 48V	4000kg	Auto/Electrical

MAN LIFT

SCISSOR AERIAL WORK PLATFORM



GTJ SERIES MAN LIFT



GTJ series man lift is a high efficiency lifting equipment developed based on the SJY series, it's a more stable, elegant and intelligent equipment. Its fully automatic operation, when jack up the platform, there is no need to set up any out rigger, and when the platform is jacked-up, the unit can still walk with the user operator control the driving system on the top. The steering wheel could turn up to 90° and the unit is very flexible to move even in some limited area. There are some advanced technology applied to this series manlift, even operate at slope with falling gradient less than 25%, the unit can be operational by its auto balancing system; and once the falling gradient is more than 25%, the alarm system will beep and stop the jack up automatically, only jack-down is allowed. This Series of man lift is popularly used in hotel, warehouse, hospital, port area, and exterior/interior decoration and maintenance.



GTJ SERIES MANLIFT TECHNICAL DATA SHEET

Model	GTJZ05M	GTJZ06M	GTJZ06	GTJZ08	GTJZ10	GTJZ12	GTJZ12K	GTJZ14K
Max load cap.	230kg	230kg	380kg	230kg	320kg	320kg	320kg	320kg
Max platform height	4.5m	5.8m	6.2m	8m	9.9m	11.9m	12m	14m
Max work height	6.5m	7.8m	8.2m	10m	11.6m	13.6m	13.7m	16m
Platform size(m)	1.7x0.76	1.7x0.76	2.26x0.82	2.26x0.82	2.26x1.13	2.26x1.13	2.83x1.5	2.83x1.5
Min. Height	1.65m	1.75m	1.75m	1.88m	2.01m	2.14m	2.14m	2.29m
Platform stretch	0.9m	0.9m	0.9m	0.9m	0.9m	0.9m	1.1m	1.1m
Min. platform height	0.91m	1.03m	1.06m	1.19m	1.32m	1.45m	1.6m	1.74m
Bottom clearance	85/20mm	85/20mm	100/20mm	100/20mm	100/20mm	100/20mm	200mm	200mm
Gradeability	25%	25%	25%	25%	25%	25%	20%	20%
Travel speed when folded	3.2km/h	3.2km/h	3.2km/h	3.2km/h	3.2km/h	3.2km/h	3.2km/h	3.2km/h
Travel speed when set up	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h
Min. Turn radius	0/1.7m	0/1.7m	0/2.1m	0/2.1m	1.88m	2.3m	5.8m	5.8m
Deadweight	1350kg	1420kg	1860kg	2010kg	2450kg	2580kg	3750kg	4100kg
Lifting motor	24V 3kw	24V 3kw	24V 3kw	24V 3kw	24V 3kw	24V 3kw	48V 5kw	48V 5kw
Battery	4x6/216V/Ah	4x6/216V/Ah	4x6/216V/Ah	4x6/216V/Ah	4x6/251V/Ah	4x6/251V/Ah	8x6/216V/Ah	8x6/216V/Ah30
Charger	24/20-30V/A	24/20V/A	24/20-30V/A	24/20-30V/A	24/20-30V/A	24/20-30V/A	48/30-40V/A	48/30-40V/A

GTB SERIES MANLIFT



GTB series telescopic type aerial work platform is a kind of manlift mounted on truck. Its convenient to mobilize in near and medium far place, the driving system adopts Cummins engine which is stable and powerful. The load capacity is range from 230kg to 480kg, and maximum height can be reached is from 12m to 26.7m with a maximum work radius from 10.5m to 23.4m. GTB series manlift can be applied for operation in ship factory, large work shop, electricity installation and maintenance site and any other high rise work site, it is suitable to work in wet, hot, cold and dirty conditions. Its equipped with auto levelling device for basket and whole body, when its set up and body tilted more than 3%, the alarm will beep and stop the boom stretching, same device applied to the basket when lifted on the top. Telescopic boom hydraulic system, slewing and travelling system can be operational simultaneously. When there is any incident happening, there are emergency buttons at upper and lower control panel to stop all operation instantly. It adopts PLC and CAN control inter-act control system, wiring is simple but efficient, and easy to maintain, all connection adopts aviation plug which is endurable and stable to use, the protection grade reaches IP65.

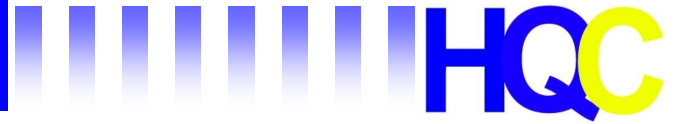


GTB SERIES MAN LIFT TECHNICAL DATA SHEET

Model	GTBZ12	GTBZ14Z	GTBZ16Z	GTBZ18	GTBZ20Z	GTBZ21	GTBZ23Z	GTBZ25	GTBZ27Z
Rated load cap.	230kg	230kg	230kg	230kg	230kg	340kg	230kg	340kg	230kg
Load cap. when short boom	340kg	N/A	N/A	N/A	N/A	480kg	480kg	480kg	480kg
Max. platform height	12.3m	14m	16.2m	17.9m	20m	21.48m	23m	25.2m	26.7m
Max. work radius	10.5m	12.3m	15m	16.9m	16.2m	17m	17m	21.9m	23.4m
Folded length	7.54m	8.74m	7.89m	9.03m	8.35m	9.98m	11.08m	11.36m	12.46m
Width	2.29m	2.29m	2.49m	2.49m	2.49m	2.49m	2.49m	2.79m	2.79m
Folded height	2.39m	2.39m	2.69m	2.69m	2.75m	2.7m	2.7m	2.8m	2.8m
Wheelbase	2.4m	2.4m	2.8m	2.8m	2.75m	2.8m	2.8m	3m	3m
Bottom clearance	0.33m	0.33m	0.33m	0.33m	0.33m	0.33m	0.28m	0.28m	0.28m
Inner wheel turn radius	2.2m	2.2m	3.0m	3.2m	3m	3m	3m	3.59m	3.59m
outer wheel turn radius	5.2m	5.2m	5.2m	5.4mm	5.2m	5.2m	5.2m	5.95m	6.25m
Folded travel speed	4.5km/h	4.5km/h	6.3km/h	6.3km/h	6.3km/h	6.3km/h	6.3km/h	5.3km/h	5.3km/h
Set up travel speed	1.1km/h	1.1km/h	1.1km/h	1.1km/h	1.1km/h	1.1km/h	1.1km/h	1.1km/h	1.1km/h
Max. gradient	16.7°	16.7°	16.7°	16.7°	16.7°	16.7°	16.7°	16.7°	16.7°
Boom sections	3	3	3+1	3	3	3	3	3	3
Slewing speed	0.8 rpm	0.8rpm	0.8rpm	0.8rpm	0.8rpm	1/3rpm	1/3rpm	1/3rpm	1/3rpm
Platform balancing	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
Oil tank cap.	151L	151L	151L	151L	151L	151L	151L	151L	151L
Dead weight	7000kg	7450kg	10000kg	12000kg	12800kg	14200kg	14400kg	16300kg	16540kg
Engine	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Drive and turn	4x2x2	4x2x2	4x2x2	4x2x2	4x2x2	4x2x2	4x2x2	4x2x2	4x2x2

MAN LIFT

FOLDABLE JIB AERIAL WORK PLATFORM



GTJ SERIES MAN LIFT



GTZ series foldable jib aerial work platform is a kind of manlift which adopts foldable jib sections structure for stretch out and draw back with hydraulic system, the operation is more flexible and it could fix many occasions with special and complicated condition. This series of manlift has diesel engine type and electric motor drive type for user's choice, it can be applied in warehousing, hospital, exterior decoration, bridge formwork installation, electricity installation and maintenance, etc. This series of manlift is equipped with auto balancing device for body and basket, speed sensor and interlock device, temperature sensor/protector, Cummins engine, jib stretching stabilizer/buffer device. It adopts PLC and CAN control system, up and down control panel both equipped with emergency button, In case there is incident happening, press the emergency bottom, the whole will stop operation instantly. all key parts are from world famous suppliers and it is suitable to work in hot, cold, wet and dirty conditions, protection grade is IP65.



GTZ SERIES MANLIFT TECHNICAL DATA SHEET

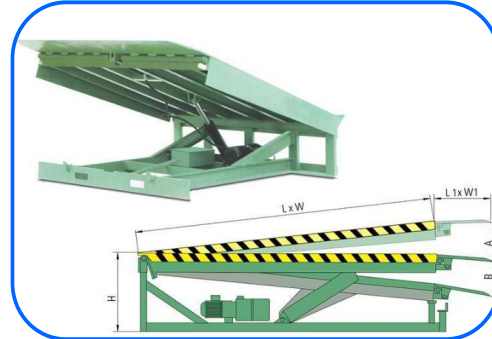
Model	GTZZ10D	GTZZ12D	GTZZ14D	GTZZ16D	GTZZ18D	GTZZ18	GTZZ20A	GTZZ24Z	GTZZ25Z
Rated load cap.	200kg	200kg	230kg	230kg	230kg	430kg	430kg	430kg	430kg
Max. platform height	10m	12m	14.05m	15.8m	18m	18m	20m	24.2m	25.1m
Max. work radius	5.8m	8m	8.1m	10m	10.8m	10.8m	12.6m	15.8m	16m
Folded length	4.35m	5.32m	5.7m	7.9m	8.1m	8.25m	9.07m	9.92m	9.75m
Width	1.5m	2m	1.75m	2m	2.38m	2.35m	2.38m	2.48m	2.58m
Folded height	1.99m	2.05m	2m	2m	2.38m	2.38m	2.38m	2.82m	2.8m
Wheelbase	1.65m	2m	2m	2.2m	2.6m	2.4m	2.4m	3m	2.8m
Bottom clearance	0.15m	0.2m	0.2m	0.2m	0.3m	0.43m	0.43m	0.43m	0.43m
Min. wheel turn radius	2.2m	2.2m	3.0m	3.2m	4.5m	3.0m/5.2m	3.0m/5.2m	2.6/5.85m	2.6m/5.2m
Travel motor	7.5kw	7.5kw	6.5kwX2	6.5kwX2	6.5kwX2	N/A	N/A	N/A	N/A
Folded travel speed	3.2km/h	3.2km/h	5km/h	5km/h	5km/h	6.3km/h	6.3km/h	6.3km/h	6.3km/h
Set up travel speed	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h	1.1km/h	1.1km/h	1.1km/h	1.1km/h
Max. gradient	25%	25%	30%	30%	25%	30%	30%	30%	30%
Max. gradient(4wd)	N/A	N/A	N/A	N/A	N/A	45%	45%	45%	45%
Main boom section	2	2	2	2	2	2	2	2	2
Aux. boom section	1	1	1	1	2	2	2	2	2
Slewing speed	0.8 rpm	0.8rpm	0.8rpm	0.8rpm	0.8rpm	0.8rpm	0.8rpm	0.8rpm	0.8rpm
Platform balancing	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
Oil tank cap.	N/A	N/A	N/A	N/A	N/A	100L	100L	100L	100L
Dead weight	5200kg	5500kg	6270kg	6720kg	7250kg	7750kg	8617kg	14400kg	16300kg
Engine	N/A	N/A	N/A	N/A	N/A	Cummins	Cummins	Cummins	Cummins
Drive type	Electric	Electric	Electric	Electric	Electric	Diesel	Diesel	Diesel	Diesel

OTHER WORK PLATFORM



Heavy duty scissor type platform

- Stationary
- Heavy load from 500kg-25000kg
- Customized size



Fixed hydraulic vehicle ramp

- Stationary
- Load cap. from 2000kg-15000kg
- Customized platform size
- Adjustable height



Portable hydraulic vehicle ramp

- Movable
- Load cap. from 2000kg-15000kg
- Customized platform size
- Adjustable height



Truck mounted manlift

- Travelable
- Load cap. from 300kg-1000kg
- Customized platform size

Please inquiry to us for the technical details.

RENTAL SERVICE



We can offer rental service for scissor type man lift in Metro Manila area, please call our office to check the availability of man lift models and get quotation.



We can also offer rental service for scissor type man lift in other province nation wide, please call our office for availability of man lift models and other additional charges.

HQC PHILIPPINES



HQC BUILDING EQUIPMENTS CORP.

PASIG OFFICE:

ADD: 2F, TOWER D, RENAISSANCE 1000, MERALCO AVENUE, PASIG CITY, METRO MANILA 1600.

TEL: 0063-2-6500377 FAX:0063-2-6500383

CP: 09274821276; 09334419996; 09355736013; 09062051992

MANDALUYONG OFFICE:

ADD:ROOM 304B, DMG CENTER BUILDING, # 52 DOMINGO M GUEVARA ST., MANDALUYONG CITY, METRO MANILA 1550.

TEL: 0063-2-52954858 CP:09976839572; 09063484575; 09950821520

MORONG RIZAL BRANCH:

ADD: #276 NATIONAL ROAD, SITIO TAGHANGIN, BRGY MAYBANCAL, MORONG, RIZAL.

CONTACT PERSON: MS.MAJO -09161766544; MR.LEONARD-09551735719

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