

Hydraulic Cargo Lift



Hydraulic Cargo Lift

What is a Hydraulic Cargo Lift

Hydraulic cargo lift is a heavy duty material lift that designed to transport various production materials, machines, vehicles, pallets or forklifts between levels of floors, suit for commercial buildings, garages, warehouses, factory plants, industrial spaces, retail stores, racking systems, restaurants, mezzanines and shopping centers. This lift capacity could be from 1tons to 30tons. Available table size with wide range and capable of up 7 stops and up to 20 meters. The unit can be ordered in choice of a standard sized platform or custom sized. The loading and unloading could be single side or front and rear sides.

Structure Designs

Many factors impact structure design – vertical travel, platform size, load capacity and more. Our team will help to make the best choice of cargo lift.

Careful consideration is given to the materials, sections used and cylinder size to ensure it equals the required lift to stroke ratio. Speed requirements also influence the motor specifications.

According to cargo lift's structure and regional safety regulation request, we classify cargo lifts into 3series for detailed introduction afterwards.



Double side rails type

Double side rails type cargo lift, we also call it four-post cargo lift, which is heavy duty to transport various materials, machines, pallets or forklifts between levels of floors, suit for commercial buildings, garages, factory, plant, racking systems, mezzanines and so on. Load capacity could be from 1tons to 30tons



Single side rails type

Single Side rail Cargo Lift is also called two-post cargo lift, which is a compact and cost effective freight lift designed to transport light materials or pallets or tools between levels of floors. This lift transports freight capacity up to 1000kgs. Available table size max. to 1.3*1.3m.



Fully Enclosed type

Semi or full wire mesh enclosure protection outside the cargo lifts, help to create a safer and independent environment of lifting operation, providing customer more choices. Based on basic practical design of cargo lifts, this caged design provide an efficient and safe method of transporting goods between floors, making LG freight lift the first choice for major retailers, self-storage facilities and manufacturing companies.

According to some regional safety regulation request, the outside enclosure is a must. The enclosure material is available among steel mesh, color steel tile, punching iron plate and aluminum plate.

Enclosure is consist of pieces of small unit and screw bolts, which is easy & convenient for installation.

Four-post cargo lift



Four-post cargo lift Standard features:

- ▶ Commercial and industrial applications
- ▶ 4post design
- ▶ Standard Max. 2000kgs loading capacity
- ▶ Upper and lower landing limits
- ▶ Upper safety limit
- ▶ 24V DC safety control circuit
- ▶ Outwards opening railings with interlock*1M height
- ▶ Digital control panel on each landing stop
- ▶ Manual lower down valve when power off
- ▶ Explosive-proof valve
- ▶ 4-5m/min. Lifting speed, down speed adjustable
- ▶ 200-250mm minimum pit
- ▶ 5 year warranty on main structural components (indoor use)
- ▶ 1 year warranty electrical components

All freight lifts accept customize per:

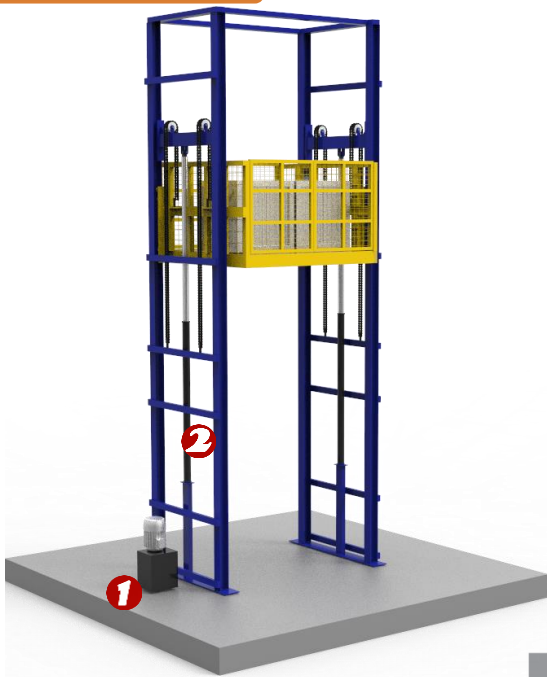
- ▶ Loading capacity
- ▶ Platform size required/shaft size provided
- ▶ Travel height between floors
- ▶ AC power input 220V/380V/415V etc.

Technical Specifications list

Model	Capacity	Platform Size W*D	Travel Height	Pit W*D*Pit depth	Motor Power
LGH1-3	1000kg	1.8*1.8M	3M	2.5*2*0.2M	3.0KW
LGH1-6	1000kg	1.8*1.8M	6M	2.5*2*0.2M	3.0KW
LGH1-9	1000kg	1.8*1.8M	9M	2.5*2*0.2M	3.0KW
LGH2-4	2000kg	2.0*3.0M	4M	2.7*3.2*0.25M	4.0KW
LGH2-8	2000kg	2.0*3.0M	8M	2.7*3.2*0.25M	4.0KW
LGH5-4	5000kg	3.0*4.0M	4M	3.8*4.2*0.3M	5.5KW
LGH5-8	5000kg	3.0*4.0M	8M	3.8*4.2*0.3M	5.5KW
LGH10-4	10000kg	4.0*5.0M	4M	2.8*5.2*0.35M	11KW
LGH10-8	10000kg	4.0*5.0M	8M	2.8*5.2*0.35M	11KW
LGH30-10	30000kg	5.0*8.0M	10M	6*8.3*0.5M	22KW
LGH30-20	30000kg	5.0*8.0M	20M	6*8.3*0.5M	22KW
For reference choice only, customize available per loading capacity, platform size and travel height					

Four-post cargo lift

Main components



FEATURES



1



2



3



4

Hydraulic motor

Hydraulic motor has features: small, compact structure, light weight, highly efficient, great working pressure, reliable performance, and no leaks.

Hydraulic Cylinder

Low operating pressure extends the life of hydraulic components. Chrome plated piston rods are corrosion resistant, and cylinder walls are honed.

Guide rail beam

Heavy-duty H steel beam steel as guide rails, made of Carbon steel Q235B, with 17% more rigidity strength than normal steel. It is of high structural stability.

Leaf Chain

Leaf chain could bear 10 times weight than rated capacity. With such heavy duty features and enduring use-life, it will provide top class safety.

Project case



Two-post cargo lift



LG® Four-post cargo lift Standard features:

- ▶ Commercial and industrial applications
- ▶ 2 post design
- ▶ Standard Max. 500kg and 1000kg loading capacity
- ▶ Upper and lower landing limits
- ▶ Upper safety limit
- ▶ 24V DC safety control circuit
- ▶ Outwards opening railings with interlock*1M height
- ▶ Digital control panel on each landing stop
- ▶ Manual lower down valve when power off
- ▶ Explosive-proof valve
- ▶ 4-5m/min. Lifting speed, down speed adjustable
- ▶ 200mm minimum pit
- ▶ 5 year warranty on main structural components (indoor use)
- ▶ 1 year warranty electrical components

All freight lifts accept customize per:

- ▶ Loading capacity
- ▶ Platform size required/shaft size provided
- ▶ Travel height between floors

AC power input 220V/380V/415V etc.

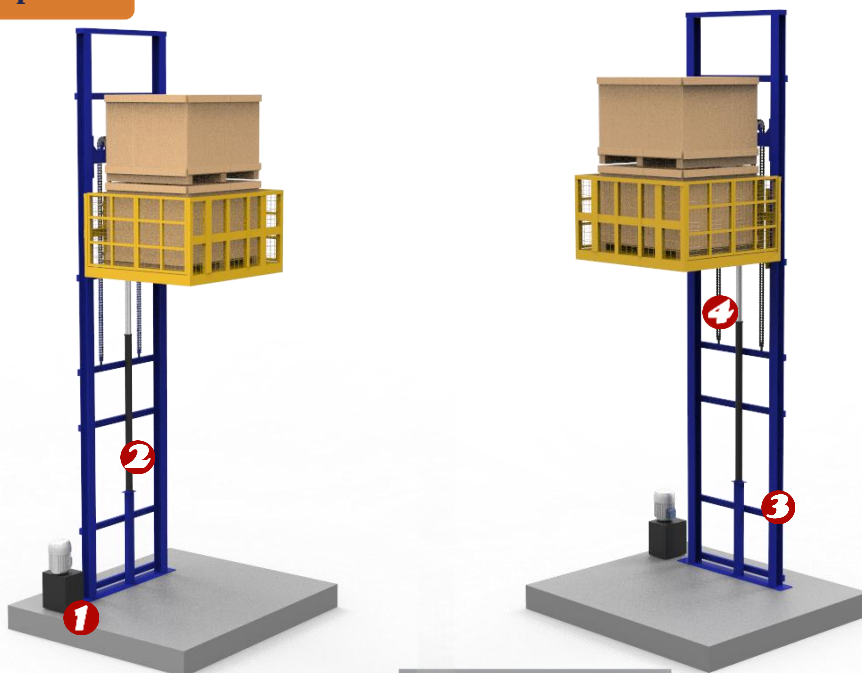
Technical Specifications list

Model	Capacity	Platform Size W*D	Travel Height	Pit W*D*Pit depth	Motor Power
LGH0.5-3	500kg	1.2*1.2M	3M	1.6*1.4*0.2M	2.2KW
LGH0.5-6	500kg	1.2*1.2M	6M	1.6*1.4*0.2M	2.2KW
LGH0.5-9	500kg	1.2*1.2M	9M	1.6*1.4*0.2M	2.2KW
LGH0.5-12	500kg	1.2*1.2M	12M	1.6*1.4*0.2M	2.2KW
LGH0.5-15	500kg	1.2*1.2M	15M	1.6*1.4*0.2M	2.2KW
LGH1-3	1000kg	1.2*1.2M	3M	1.65*1.4*0.25M	3.0KW
LGH1-6	1000kg	1.2*1.2M	6M	1.65*1.4*0.25M	3.0KW
LGH1-9	1000kg	1.2*1.2M	9M	1.65*1.4*0.25M	3.0KW
LGH1-12	1000kg	1.2*1.2M	12M	1.65*1.4*0.25M	3.0KW
LGH1-15	1000kg	1.2*1.2M	15M	1.65*1.4*0.25M	3.0KW
LGH1.5-6	1500kg	1*1M	6M	1.65*1.4*0.25M	4.0KW

For reference choice only, customize available per loading capacity, platform size and travel height

Four-post cargo lift

Main components



FEATURES



Hydraulic motor

Hydraulic motor has features: small, compact structure, light weight, highly efficient, great working pressure, reliable performance, and no leaks.



Hydraulic Cylinder

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Guide rail beam

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Leaf Chain

Leaf chain could bear 10 times weight than rated capacity. With such heavy duty features and enduring use-life, it will provide top class safety.

Project case



Fully enclosed cargo lift



Four-post cargo lift Standard features:

- ▶ Commercial and industrial applications
- ▶ 4post design
- ▶ Mesh enclosure outside for safety
- ▶ Upper and lower landing limits
- ▶ Upper safety limit
- ▶ 24V DC safety control circuit
- ▶ Outwards opening railings with interlock*1M height
- ▶ Digital control panel on each landing stop
- ▶ Manual lower down valve when power off
- ▶ Explosive-proof valve
- ▶ 4-5m/min. Lifting speed, down speed adjustable
- ▶ 200-250mm minimum pit
- ▶ 5 year warranty on main structural components (indoor use)
- ▶ 1 year warranty electrical components

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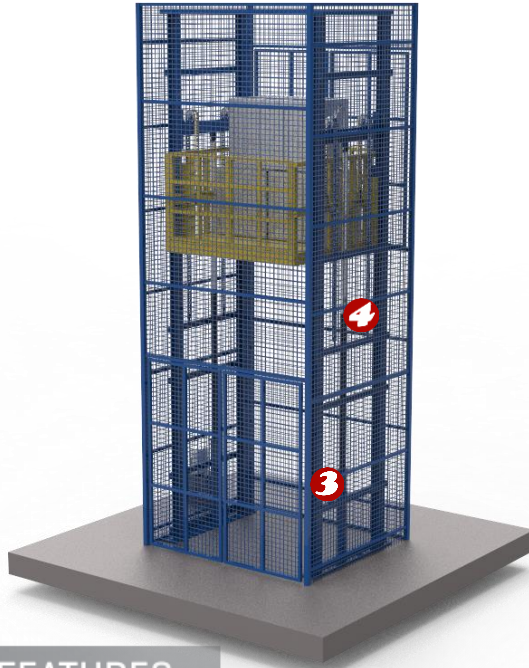
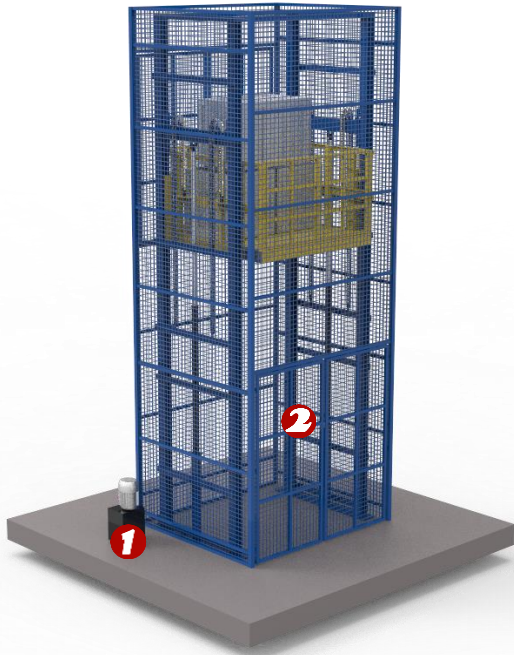
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Four-post cargo lift

Main components



FEATURES



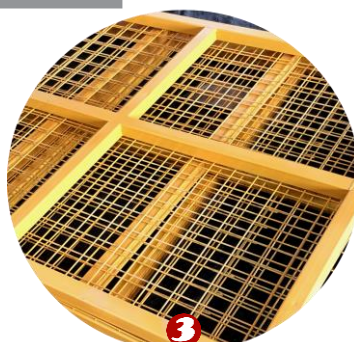
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Low operating pressure extends the life of hydraulic components. Chrome plated piston rods are corrosion resistant, and cylinder walls are honed.



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Wire Mesh Enclosure
Mesh enclosure protection outside the cargo lifts, help to create a safer and independent environment of lifting operation, providing customer more choices.



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