



## GOODS LIFTS

**EFFICIENT, SAFE, AND CUSTOMISABLE VERTICAL  
TRANSPORT SOLUTIONS**



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# GOODS LIFT



Goods lifts – also known as freight elevators, cargo or mezzanine lifts or dumb waiters – provide efficient vertical transport between floors.

## KEY FACTORS

- ▶ Lift loads from 300 kg to 50,000 kg
- ▶ Travel height up to 18 m
- ▶ Platform size up to 10 m
- ▶ Lifting speed 4–6 m/min
- ▶ Custom entry/exit: single, double, or triple side access
- ▶ Built to EN81-31 / ISO9001 standards



## TYPES OF GOODS LIFTS

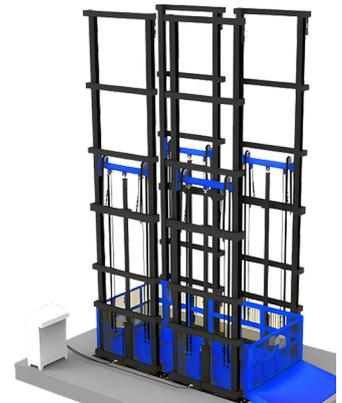
- ▶ Light Duty (<1,000 kg, small platform)
- ▶ Four-Post Lifts (1,000–10,000 kg, versatile solution)
- ▶ Eight-Post Lifts (up to 50,000 kg, extra-large platforms)
- ▶ Custom Models: full cover with swing door, full cover with roller door, cabin with automatic door, galvanised and stainless steel goods lifts.



**Light Duty Load Goods Lift**



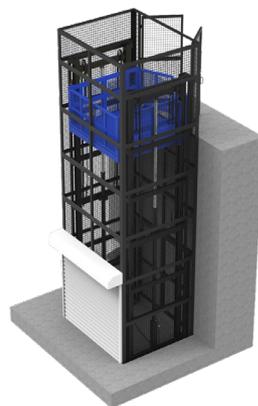
**Four Post Goods Lift**



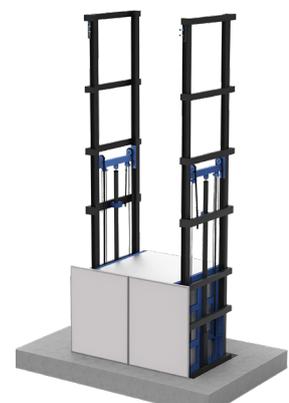
**Eight Post Goods Lift**



**Fully enclosed design with swing door**



**Fully enclosed design with roller door**



**Cabin with automatic door**

# GOODS LIFT



## MAJOR GOODS LIFT COMPONENTS



### 1 Guide Rail

The guide rails are made from certified H-beams that meet national standards for thickness and strength, ensuring lasting quality.

### 2 Platform

The framework of the goods lift platform is designed based on the load capacity, with an anti-slip pattern plate on top. The platform is equipped with a 1.2m high guardrail to protect the goods.

### 3 Hydraulic Cylinder

Each lift uses a specialized hydraulic cylinder with high-quality NSK seals (Japan) and an explosion-proof safety valve.

### 4 Power Pack

Powered by Siemens, the hydraulic unit ensures durability and minimal upkeep, with voltage options tailored to customer requirements.

### 5 Control Panel

Every floor is fitted with a control panel & emergency stop, built with Schneider electrical components to ensure safe, dependable operation.

### 6 Limit Switch

Our lifts use Omron limit switches for precise floor-level detection, plus a final top-floor switch as an additional safeguard.

### 7 Lifting System

Our lifts feature a galvanized gear-and-wheel system, designed for long service life, corrosion resistance, and reliable performance.

## FUNCTIONS AND SAFETY

### PLATFORM

- ▶ **Guard-lock doors:** The lift operates only when all doors are closed. If a door is open, it automatically stops.
- ▶ **Interlocked gates:** Electrical and mechanical interlocks prevent landing doors from opening while the lift is in motion, keeping the area below safe.
- ▶ **Anti-slip platform:** A steel, anti-skid surface provides secure footing and prevents cargo from sliding during movement.
- ▶ **Protective railings:** Standard platform railings are 1.2 m high, with an option to increase to 2.2 m, helping prevent goods from falling during operation.

### CONTROL SYSTEMS

- ▶ **Emergency stop:** Instantly halts lift operation in case of an emergency.
- ▶ **Final limit switch:** Prevents the lift from over-traveling if the top floor limit switch fails.
- ▶ **Voltage protection:** Shields the system from power fluctuations to ensure safe, reliable performance.
- ▶ **Key switch:** Allows authorized personnel to cut off power and secure access to the lift.



*Helping New Zealand manufacturers safely  
solve their lifting challenges with the best  
local and global solutions.*