

Vertical Lifting Elevator for Multilevel Buildings

This elevator provides vertical transportation in buildings. It is designed for use in multilevel structures.

Overview

Efficient Vertical Transport Solution

This vertical lifting elevator is engineered specifically for high-efficiency transport in multilevel commercial and industrial buildings. Designed with safety and reliability as top priorities, the system ensures smooth vertical movement of goods or passengers between floors. Its robust construction and intelligent control systems provide seamless integration into modern architectural infrastructures.

Technical Specifications

Lifting Capacity	2000 kg
Lifting Speed	0.5 m/s
Power Supply	380V / 50Hz / 3-Phase
Control System	PLC Intelligent Control

Safety Features

Safety Mechanisms

- Emergency stop button
- Overload protection sensor
- Automatic door locking system
- Anti-fall safety device

Certifications

CE Certified, ISO 9001, Safety Standard Compliant

Performance Metrics

Key Performance Metrics

30 m

Max Lifting Height

15 floors

Max Stops

98 %

Operational Efficiency

Installation Details

Installation Requirements

Parameter	Requirement
Pit Depth	1500mm
Overhead Clearance	4500mm
Shaft Structure	Reinforced Concrete/Steel