

Shikkee Residential Hydraulic Elevator

Smooth • Reliable • Plug-and-Play

A compact, pitless hydraulic elevator solution ideal for Shikkee

1. Why you'll love it?

- Seamless integration into prefab homes — minimal civil works
 - Space-efficient — pitless or ultra-shallow pit (≤ 150 mm)
 - Reliable & safe — built-in safety systems (emergency lowering, overload protection, anti-fall gear)
 - Elegant options — closed steel shaft or optional panoramic glass panels
 - No external machine room — all components housed overhead
 - Certified & compliant — meets global safety & quality standards
 - Peace of mind support — 24-month warranty, spare parts, remote assistance
 - Scalable — start with a pilot unit, scale easily
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2. Key Features

- Pre-assembled modular shaft
- Pitless / shallow pit design
- 2 stops (ground + first floor)
- ~7.5 m travel height
- Capacity 320–450 kg (3–4 persons)
- Speed range: 0.15 – 0.30 m/s
- Overhead drive / pump unit

- Optional panoramic glass sides
 - Safety features: door interlock, obstruction sensors, overload protection, rescue lowering, anti-fall device
 - Access control: key or card option
 - Meets EN81 / ASME standards
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3. Spec Table

Specification	Value / Range
Elevator Type	Hydraulic, residential (modular shaft)
Stops	2 stops (Ground + 1st floor)
Total Travel Height	≈ 7.5 m
Load / Capacity	320 – 450 kg (3–4 persons)
Speed	0.15 – 0.30 m/s
Pit Requirement	Pitless or ≤ 150 mm shallow pit
Shaft External Dimensions	≈ 1,500 × 1,300 mm (to be confirmed)
Drive / Equipment Location	Overhead, inside shaft (no external machine room)
Shaft Structure / Material	Pre-assembled steel / aluminum panels, closed or optional glass
Standards / Certifications	EN 81-20 / EN 81-50 and/or ASME A17.1 / CSA B44
Safety Features	Emergency lowering, door interlock, obstruction sensors, overload protection, anti-fall device, hydraulic pressure relief
Access Control	Key lock or card reader (optional)
Warranty	24 months
Support	Spare parts, remote technical support, maintenance options