



PRODUCT IMAGE



PROJECT REFERENCE

2FP PIT PARKING LIFTS

2-Level Underground Parking Lift — Motor Chain

A 4-post motor-and-chain drive underground parking lift that eliminates hydraulic fluid entirely from the pit environment — critical for sites above groundwater tables, habitable spaces, or where environmental regulations prohibit oil underground. The 4-post frame provides superior lateral stability versus 2-post alternatives, and optional hot-dip galvanizing ensures a corrosion-free service life.

KEY FEATURES

- Zero hydraulic fluid: motor + roller chain drive removes all oil-leak risk from the pit
- 4-post frame delivers superior lateral rigidity vs. 2-post pit designs
- Platform flushes with grade when lowered — no trip hazard, no visible structure
- Optional hot-dip galvanized entire pit structure including chain, sprockets and frame
- IP65-rated limit switches and fully sealed wiring for pit environment
- Equipped with anti-falling lock to ensure safety
- CE and BS EN 14010 certified for underground parking applications
- 24V DC safe control voltage; suitable for residential and light commercial use

TECHNICAL SPECIFICATIONS

Levels	2 (1 underground + 1 at grade)
Vehicles	2
Drive System	Electric Motor + Roller Chain (Oil-Free)
Motor Power	2.2 kW
Rated Capacity	2,500 kg per vehicle platform
Pit Depth	~2,100 mm
Column Configuration	4-Post
Above-Ground Structure	Zero
Pit Finish	Optionial Hot-dip galvanized throughout
Limit Switches	IP65 rated
Control Voltage	24V DC
Certification	CE / BS EN 14010

DIMENSION DRAWING

