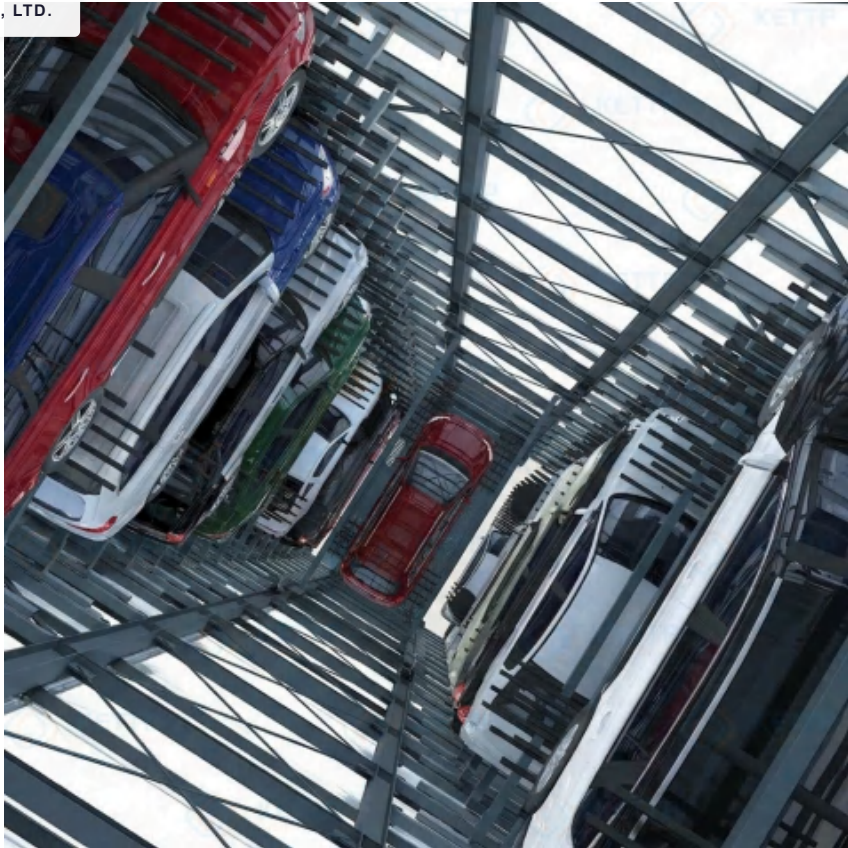
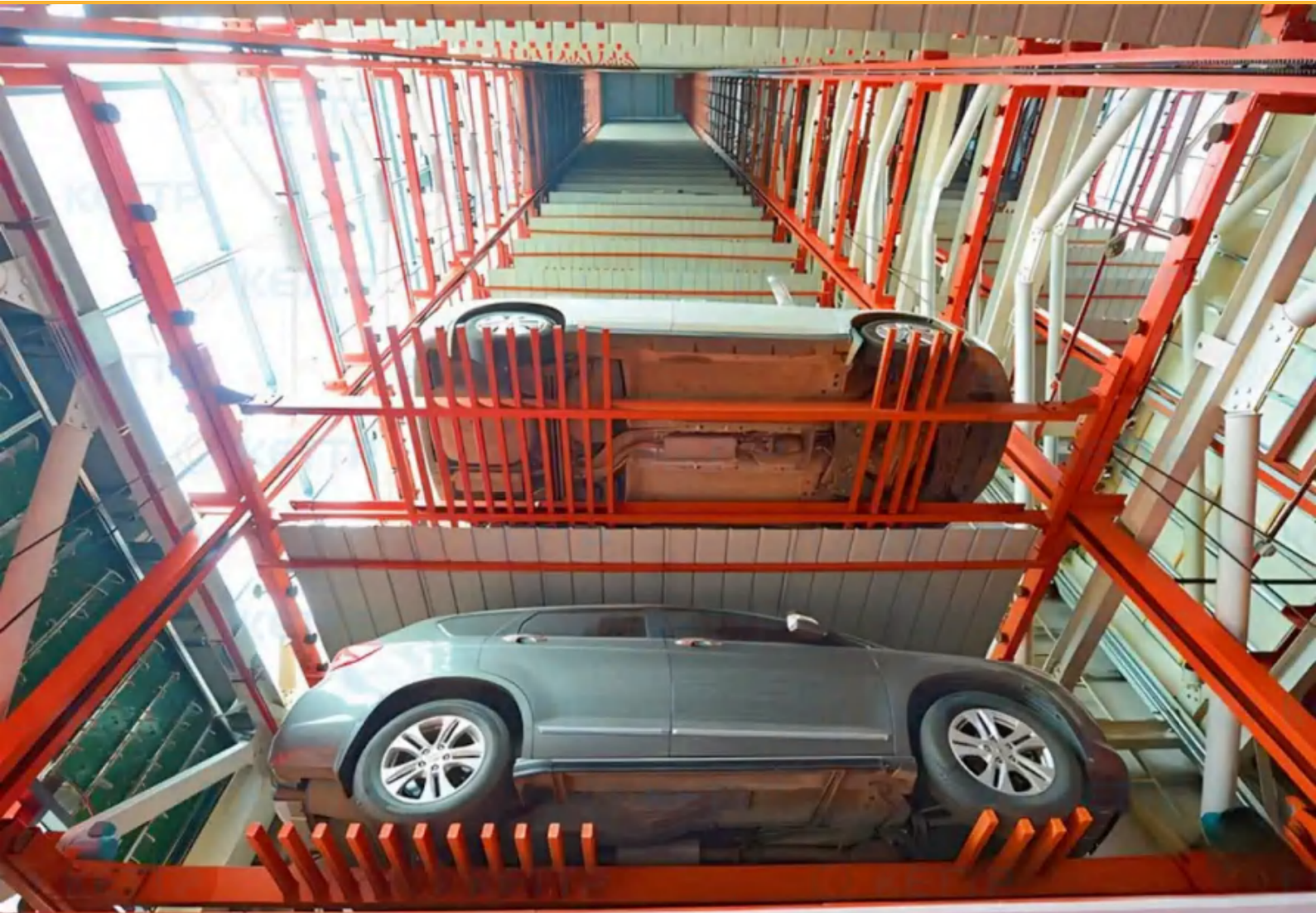




PRODUCT IMAGE



PROJECT REFERENCE

PCS AUTOMATED PARKING SYSTEMS

Tower Parking System

A fully automated high-rise elevator car park where a 30 kW traction motor raises vehicles at 60–120 m/min to any floor of a multi-storey tower structure. The PLC scheduling engine optimises retrieval sequences across all floors and bays simultaneously, minimising wait times even during peak entry and exit periods. Deployable as a free-standing steel tower or integrated into a reinforced concrete building structure.

KEY FEATURES

- High-rise tower parking: any number of floors — limited only by building height
- 30 kW traction motor with steel wire rope: 60–120 m/min vertical travel speed
- PLC scheduling engine optimises multi-floor, multi-bay retrieval in real time
- 100% driverless operation: user swipes card at kiosk, walks away, car is delivered
- Licence plate recognition integrated with access management system
- IoT remote monitoring: real-time occupancy, fault alerts and energy reporting
- Self-Supporting and optional Concrete-Integrated
- CE certified; scalable to match any tower height and floor count

TECHNICAL SPECIFICATIONS

Max Pallet Capacity	2,350 kg
Lift Speed	60–120 m/min
Drive Motor	30 kW Traction Motor
Lifting Mechanism	Steel Wire Rope
Control System	PLC Scheduling Engine
User Access	Card/Button
Operation Mode	100% Driverless
Floors	Unlimited (building height)
Remote Monitoring	IoT cloud platform
Emergency Mode	Automatic evacuation sequence
Footprint	Minimal — single-tower
Certification	CE Marked

DIMENSION DRAWING

