



PRODUCT IMAGE



PROJECT REFERENCE

PSH 1+1 PUZZLE PARKING SYSTEMS

Underground Puzzle Parking

One ground-level sliding row combined with one fully underground pit level doubles parking capacity with zero above-ground structural impact — the lift and all moving parts are invisible when the system is in use. The ideal solution for luxury villas, heritage buildings and sites with strict height restrictions where any visible structure is prohibited.

KEY FEATURES

- Zero above-ground visible structure — platform and machinery fully concealed when lowered
- 1 ground-level sliding row + 1 fully underground pit level: 2× capacity invisibly
- Hydraulic + motor drive with waterproof IP67-rated components throughout
- Automatic platform lock at grade level: walking surface indistinguishable from surroundings
- Omron PLC auto-shuffle: select vehicle, system repositions automatically
- Corrosion-protected hot-dip galvanized structure for underground environment
- Anti-Fall Platform — Pit Opening Safety
- CE certified; ideal for luxury villas, heritage sites and height-restricted zones

TECHNICAL SPECIFICATIONS

Configuration	1 above-grade sliding + 1 underground pit
Access	100% Independent
Capacity	2× base footprint
Drive System	Electric Motor + Chain
Control System	Omron PLC
Underground Protection	Hot-dip galvanized, IP67 components (Optional)
Pit Depth	~2,100 mm
Capacity	2000–2800 kg Capacity
Vehicle Retrieval Time	60–90 seconds
Above-Ground Profile	Zero visible structure when lowered
Best For	Luxury villas, Heritage sites
Certification	CE Marked

DIMENSION DRAWING

