



PRODUCT IMAGE



PROJECT REFERENCE

PSH 2+1PUZZLE PARKING SYSTEMS

Pit Puzzle Parking System

Two above-ground levels plus one below-grade pit level triple parking capacity while reducing the visible structure height compared to a fully above-ground 3-level system. The shallow pit depth of approximately 2,100 mm minimises excavation cost while the ground-level platform provides a solid, level driving surface.

KEY FEATURES

- 2 above-grade levels + 1 shallow pit level: 3× capacity with reduced visible height
- Pit depth ~2,100 mm — significantly lower excavation cost than full-pit systems
- 100% independent vehicle access across all three levels
- Ground-level platform provides solid driving surface when pit level is occupied
- Omron PLC auto-shuffle with 3-level optimised retrieval
- Motor + Chain drive; Optional hot-dip galvanized pit structure for corrosion protection
- Highest Platform Capacity in the Puzzle Range — 2800 kg
- CE certified; preferred for sites with partial underground access

TECHNICAL SPECIFICATIONS

Configuration	2 above-grade + 1 pit level
Access	100% Independent
Capacity	3× base footprint
Pit Depth	~2,100 mm
Drive System	Electric Motor + Chain
Control System	Omron PLC
Underground Protection	Hot-dip galvanized, IP67 (Optional)
Capacity	Maximum 2800 kg
Vehicle Retrieval Time	60–120 seconds
Above-Grade Height	Reduced vs. 3-level above-ground
Best For	Partial underground sites
Certification	CE Marked

DIMENSION DRAWING

