

TRUE BALANCE

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PSHL2-Z2

Above-Ground Double-Layer Motor Chain
Parking Equipment



PSHL2-Z2

Above-Ground Double-Layer Motor Chain

Introduction

- There are many different combinations of the above-ground double-layer automated parking system. These can be arranged according to the specifications and needs of the individual customer according to terrain and space.
- It can be built in open spaces, as well as basements which can more effectively utilise available real estate to create more parking space.
- The car is easily accessible making this product convenient and safe, as well as easy to use and maintain.
- Customisable to customer preference.



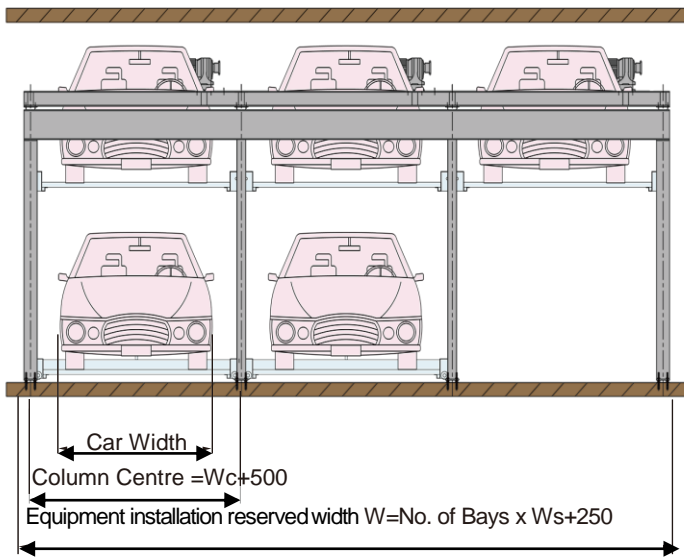
1 Lift platform

2 Traverse shifting platform

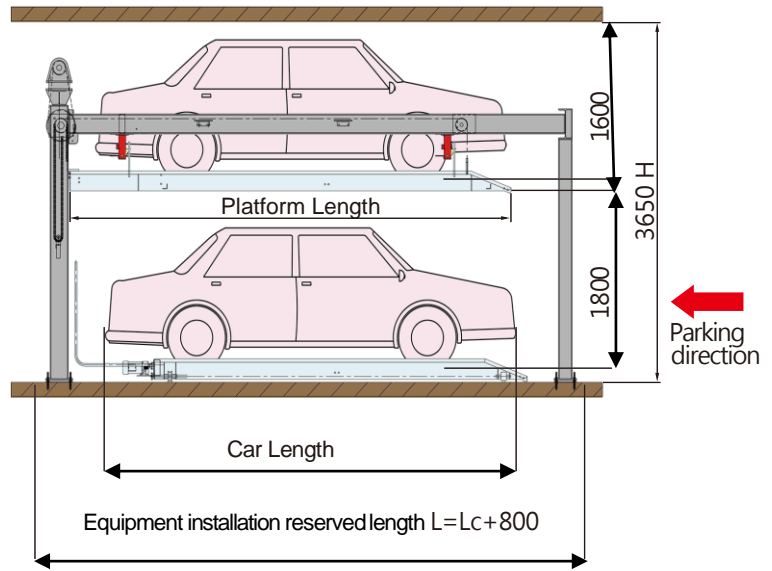
3 Safety lock system for upper skid

4 Full length doors installed to achieve compliance to AS 5125:2017





Front View



Side View

Specifications

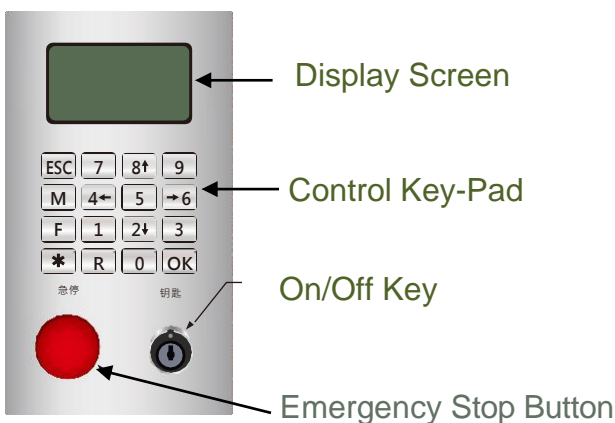
Name		PSHL2-Z2			
Type		Above-ground Lift & Slide Car Stacker			
Classification		Small vehicle	Medium vehicle	Large vehicle	
Maximum Car dimensions	Width	(mm)	1800	1900	2000
	Length	(mm)	4600	5000	5300
	Height	(mm)	1450	1550	1550
	Weight of platform (kg)		2000	2000 / 2500	2000 / 2500
Column center	Ws (mm)	Width of Bay = Car Width +500			
Equipment installation reserved width		Number of parking units × (column center + 250)			
Equipment installation reserved length		Length of car = Car Length +800			
Overall height limit under the beams		3650 H (mm)			
Raising/Lowering speed		3.9 M/min			
Transverse shifting speed		6.9 M/min			
Installation		TBC			
Drive mode		Driven by electric motor chain			
Operation method		Swipe card or Remote			
Parking method		Reverse parking			

Safety Devices

<p>Emergency Stop switch</p>	<p>In case of emergency or malfunction, the emergency stop button can be pressed to immediately stop the machine.</p>	<p>Transverse slide sensor</p>	<p>The transverse positioning of the platform is precise to prevent the excess movement.</p>
<p>Caution light</p>	<p>When in operation, the caution light will flash to alert other drivers. If there is an abnormality, the alarm will sound.</p>	<p>Upper/Lower limit sensor</p>	<p>The vertical positioning of the platform is precise to prevent the excess movement.</p>
<p>Overcurrent protection device</p>	<p>If the motor is overloaded during operation, the power to the motor is automatically cut off.</p>	<p>Vehicle positioning device</p>	<p>The car needs to be parked within the set parking limitation in order to not exceed the capacity of the equipment.</p>
<p>Operating time limit device</p>	<p>If the platform doesn't reach the set destination within the programmed time, the power to the motor is automatically cut off.</p>	<p>Front and rear car length photoelectric</p>	<p>When the front and rear vehicle photoelectric switches are blocked, the equipment will automatically stop running and beep.</p>
		<p>Emergency braking system</p>	<p>In the event of a power interruption, the platform will automatically stop.</p>

Keypad

Set the power button to "On" to call the car or press the control button to call the car.



Surface treatment

Structure: Powder Coating / Hot Dip

Galvanizing Platform: Powder Coating / Hot Dip Galvanizing

Corrugated steel sheet: Galvanized steel plate

Standard paint color



※The printed and actual colors may be slightly different.
 ※Other colors are available upon request.