



HERCULES
CARPARKING SYSTEMS

MAXIMUM PARKING. MINIMUM SPACE

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Why choose Independent Systems?

UNIQUE AUTOMATIC SYSTEMS

Hercules Independent Systems are unique automatic systems which allow for any car to be parked or removed without being dependent on moving another car.

The independent system can come in many shapes and sizes:

- Simple Pit Type Stackers
- Expanderpark Systems (lift and slide)
- Robot Parking System
- Pallet Parking Systems
- Pallet-less Parking Systems



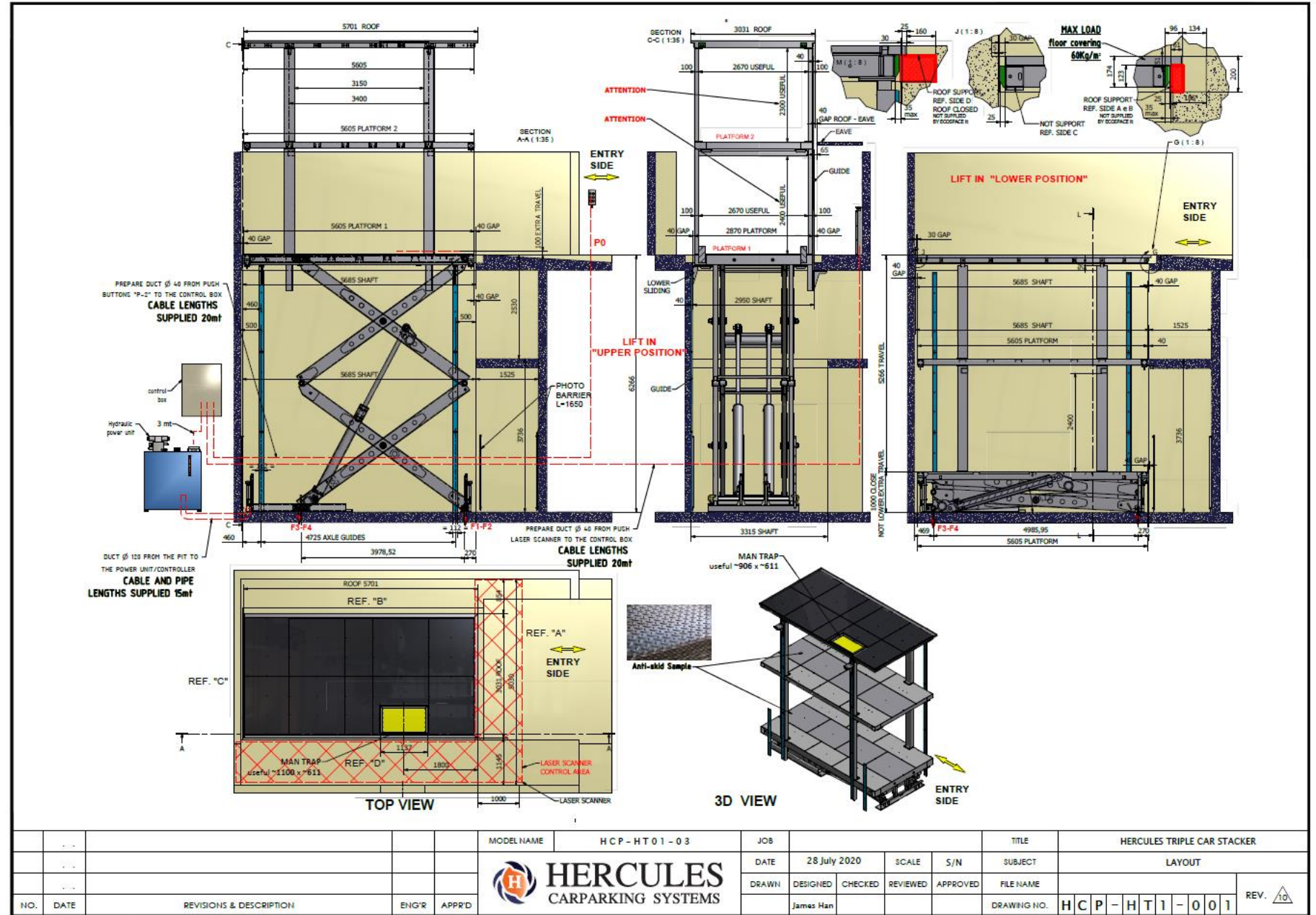
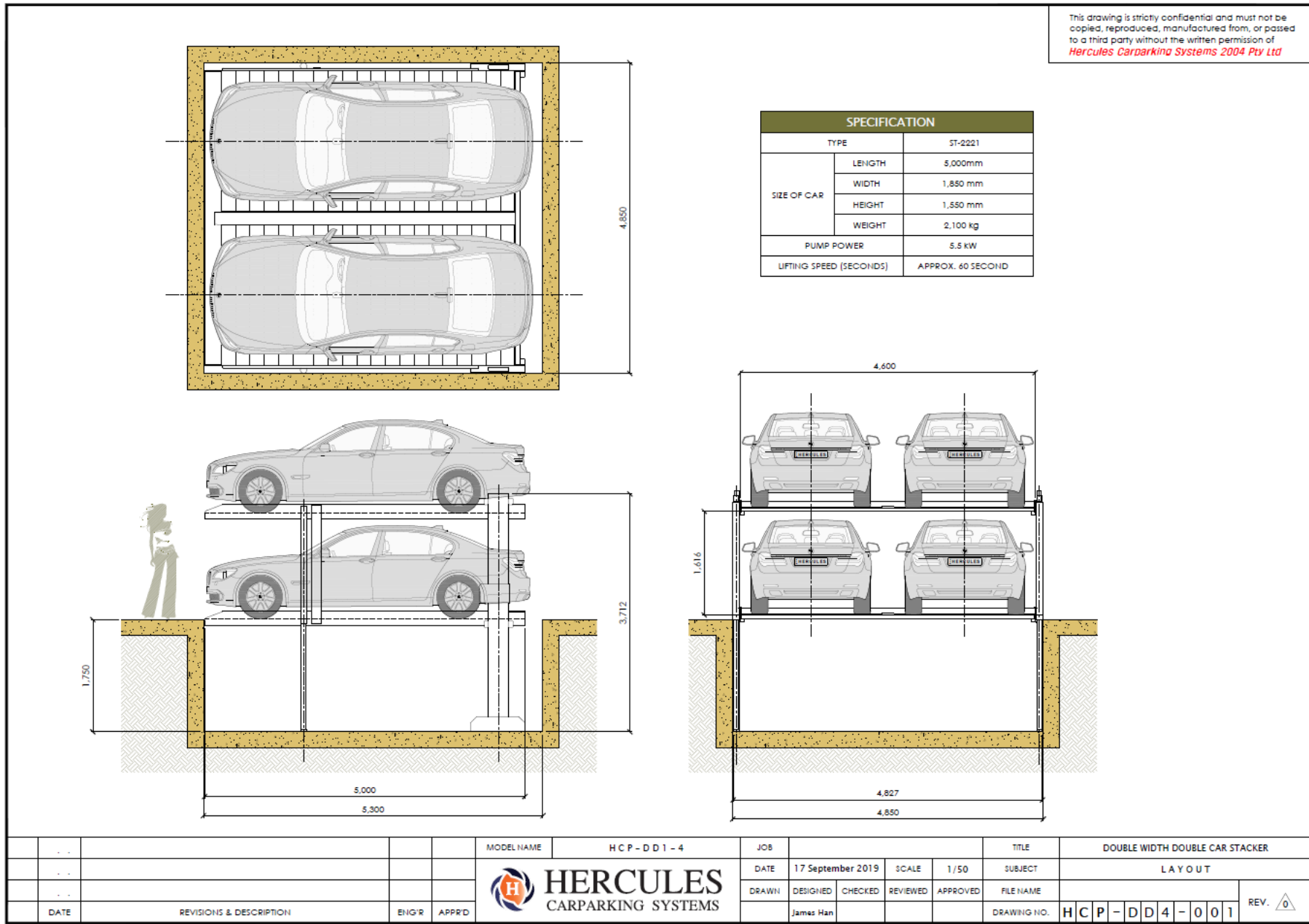
Simple pit type stackers

The Hercules Simple Pit Type Stackers are available in double or triple stackers.

This clever carparking system, also known as a 'Pit Type' Double Stacker, is used to park two cars when you need the ability to remove either car without having to move the other.

(This is unlike the 'Dependent' Above Ground Double Stacker where you must remove the lower car to park or retrieve the upper car).





SIMPLE PIT TYPE STACKERS

Single Width Double Stackers, Double Width Double Stackers or Triple Stackers. Illustrations are an example only, each of our Hercules carparking solutions are tailor designed to your parking needs.



Expanderpark *(lift and slide)* Systems

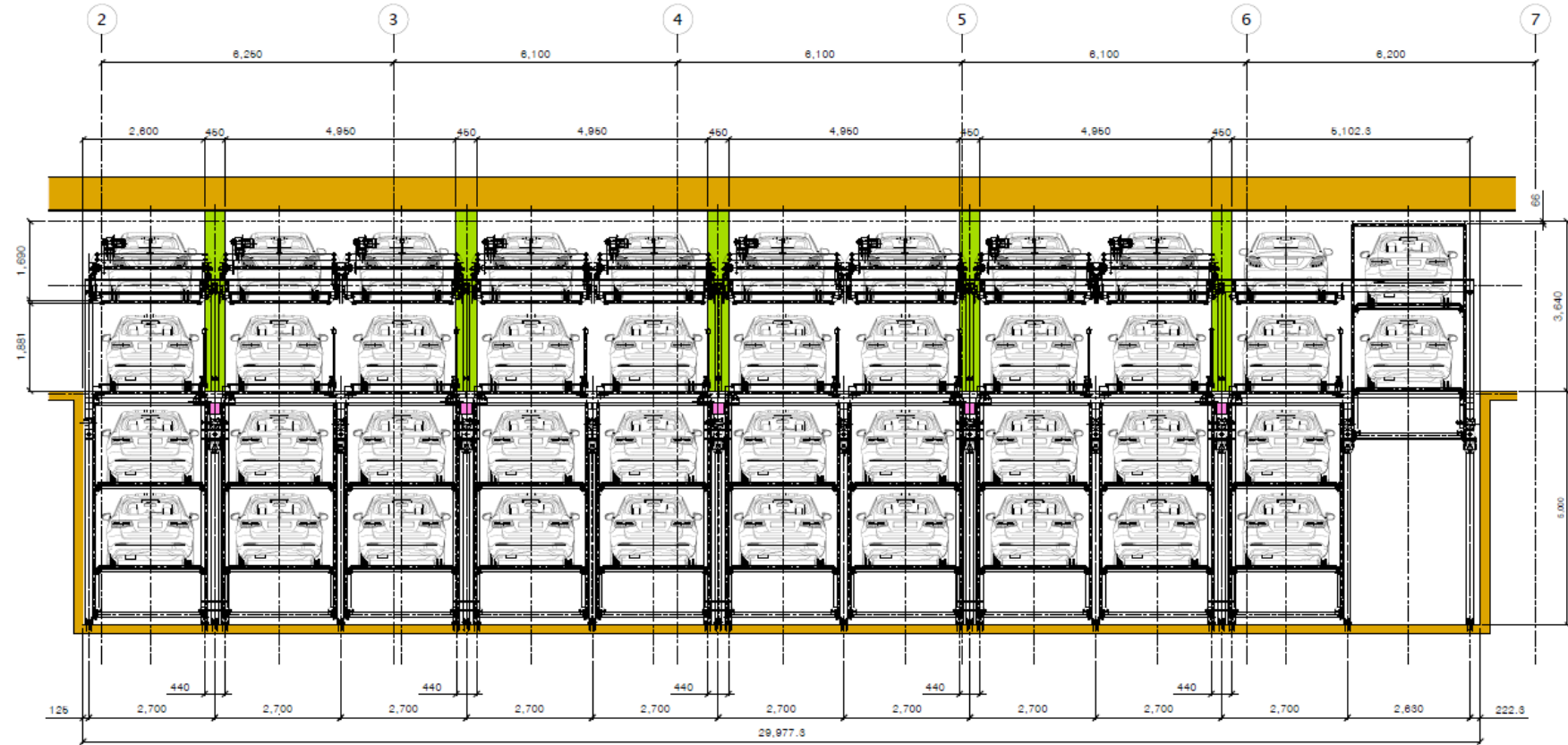
The Hercules Expanderpark will multiply your parking spaces easily! Access to higher level cars happens automatically without the need to move any others – the Expanderpark does this for you!

Commonly referred to as lift and slide car stackers because the parking platforms do simply that – they slide sideways to enable a top parking platform to lower down.

Expanderpark's can be manufactured as many spaces wide as you need – the only limit is space. It is possible to install two or three Expanderpark machines back-to-back for the ultimate saving in space.

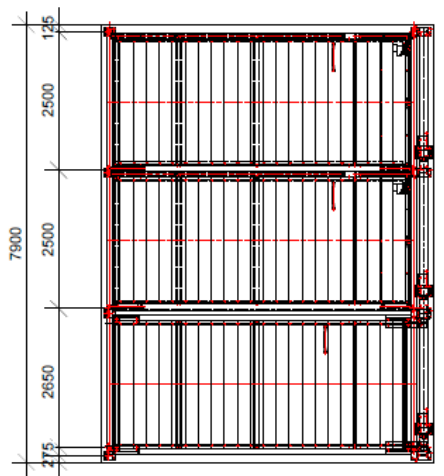


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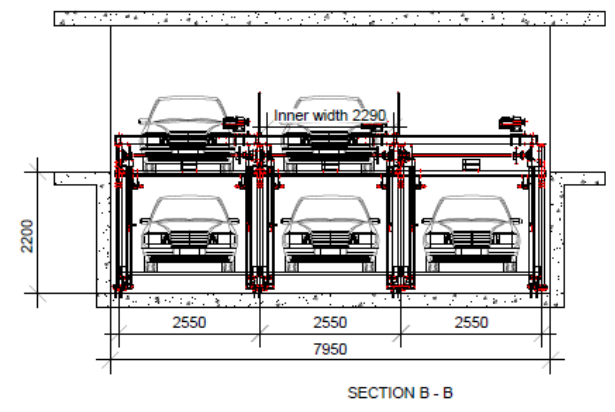
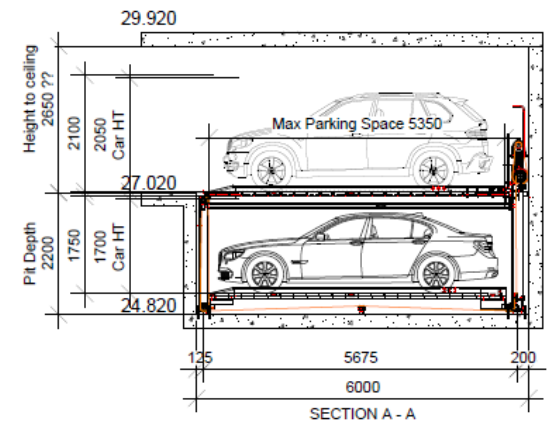


MODEL NAME		HCP-LS04-086		JOB		-2 +2 EXPENDED CAR STACKER		TITLE		SECTION 'B-B'	
DATE		10th July 2018		SCALE		1/85		SUBJECT		FILE NAME	
DRAWN		DESIGNED		CHECKED		REVIEWED		APPROVED		DRAWING NO.	
James Han										HCP-LS4-003	
REV. 1										REV. 1	

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SPECIFICATIONS		
ACCOMMODATION	5 CARS(-1/+1)	
AVAILABLE VEHICLE	LENGTH	5350mm
	WIDTH	2,290 mm
	HEIGHT	CL 2,050 mm LOWER 1,700 mm
WEIGHT	2,000 kg	
TRAVELLING SPEED	6.9 m/min	
LIFTING SPEED	3.9 m/min	
LIFTING MOTOR	GEARED MOTOR 2.2Kw x 4P (BRAKE TYPE)	
TRAVELING MOTOR	GEARED MOTOR 0.2Kw x 4P (BRAKE TYPE)	
POWER SOURCE	240/415V x 50 Hz x 3Φ (10A / EACH)	



MODEL NAME		-1+1 / 3-GRID / EP / 5 CARS		JOB		EXPANDERPARK CAR STACKING SYSTEM		TITLE		SECTION 'B-B'	
DATE		04-April-2019		SCALE		1/100		SUBJECT		FILE NAME	
DRAWN		DESIGNED		CHECKED		REVIEWED		APPROVED		DRAWING NO.	
Sam										HCP-000-001	
REV. 1										REV. 1	

EXPANDERPARK SYSTEMS (LIFT AND SLIDE)

Expanderpark's can be manufactured as many spaces wide as you need - the only limit is space. Illustrations are an example only, each of our Hercules carparking solutions are tailor designed to your parking needs.

AGV Robot parking

The Hercules Fully Automated Guided Vehicle (AGV) Parking System consists of free-roaming, battery-operated, omni-directional robots using traffic management software, markers, vision systems and lasers for self-guidance to manage the automated storage and retrieval of vehicles.

System can be installed in multiple regular and irregular configurations on multiple levels above, on and below grade to maximise parking efficiencies.



WATCH THE VIDEO HERE:

<https://www.youtube.com/watch?v=RgRbotlMw9Q>



Automated Guided Vehicle Parking System

Free-roaming, battery-operated, omni-directional robots using traffic management software, markers, vision systems and lasers for self-guidance to manage the automated storage and retrieval of vehicles.



Pallet Parking Systems

Hercules Automated Valet Carparking Systems moves your car safely and smoothly, without having to depend on other cars being removed.

Using the smartest available vehicle tracking technology, pallet parking moves your car safely, without having to depend on other cars being removed.

- Shuttle Systems
- Box Cycle Systems
- Transelevators
- Parking Towers
- Carousel Systems
- Horizontal Puzzle Systems





Fully Automated Shuttle System.

Watch the video here:

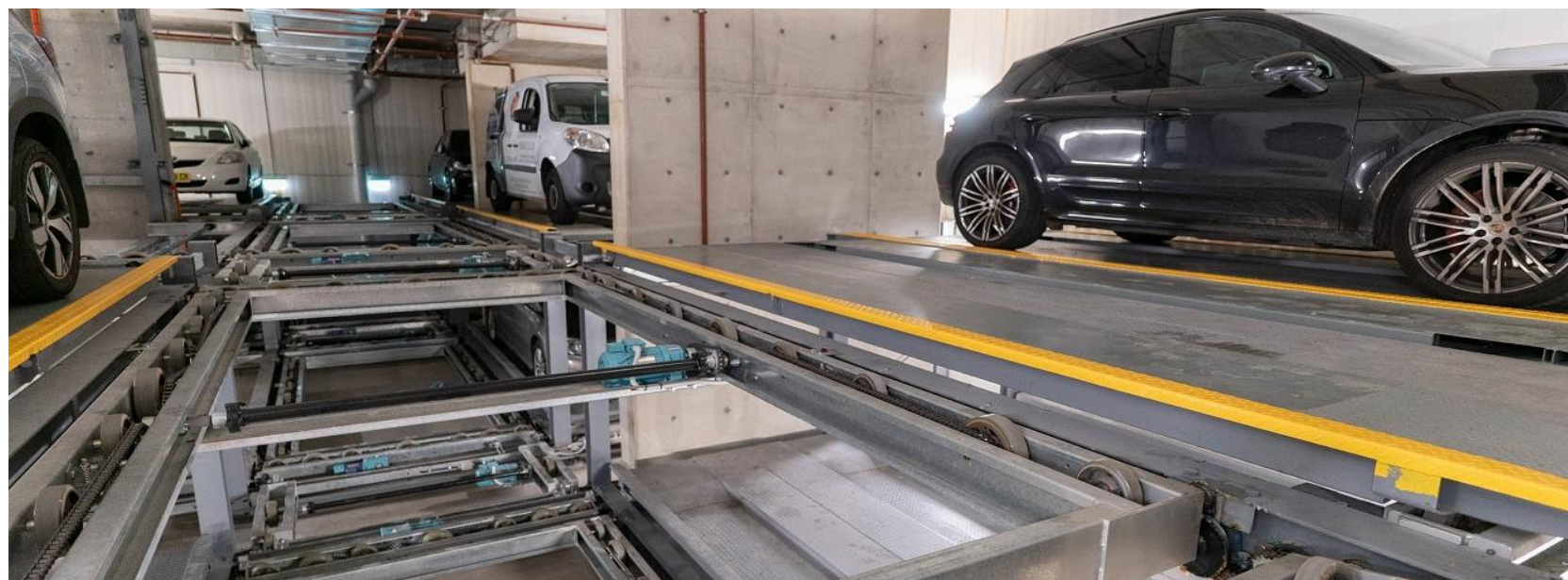
<https://www.youtube.com/watch?v=PeWLNdkARXM>



Fully Automated Shuttle System.

Watch the video here:

<https://www.youtube.com/watch?v=REPb6d4q5-o>



Fully Automated Horizontal Puzzle Park System.

Watch the video here:

<https://www.youtube.com/watch?v=a82djjEkQbw>



Fully Automated Box Cycle System.

Watch the video here:

<https://www.youtube.com/watch?v=0t5k-uFtXvM>

Pallet-less Parking Systems

Hercules Automated Valet Carparking Systems like pallet parking. The difference is in the speed of retrieving and parking cars.

Using the smartest available vehicle tracking technology, pallet-less parking moves your car safely, without having to depend on other cars being removed.

- Car Pickers Systems
- Comb-type Systems





WATCH THE VIDEO HERE:

<https://www.youtube.com/watch?v=U51iGqUdzUk>

GEYSER, AUCKLAND NZ

Fully Automated Car Picker System. 176 parking spaces.
Contract value \$5.5m. Completed 2012 with Mainzeal.

With you every step of the way

DESIGN

- In-house engineering team = quick turnaround of designs/drawings
- Always available to provide design advice to key stakeholders, consult and assist during DA submissions and attend council meetings to explain systems/answer questions.

IMPORT

- We import the best technologies in the world from Europe, Asia and North America.

INSTALL

- Highly experienced and qualified project management and installation.

SERVICE

- Backed by local staff 24/7 - prompt and responsive maintenance support at all times.
- Extended warranty opportunities if serviced by Hercules



Thank you.

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