



HERCULES
CARPARKING SYSTEMS

CARLIFT PROPOSAL



HERCULES CARPARKING SYSTEMS 2004 PTY LTD
ABN: 67 077 434 452

Unit 1, 87 Reserve Road, ARTARMON NSW 2064
Tel: (02) 9966 5600 | 1800 649 603
info@hercules.com.au
www.herculescarparking.com.au

Quote

Date 22 / 10 / 2021

Proposed System

2 Post Vehicle Hoist
Passenger Rated

Submission for



Attention

Oscar Guzman

Project Address

35 Fairlight Street, Fairlight

Dear Oscar,

We are pleased to provide our proposal for your project at Fairlight and take this opportunity to thank you for the opportunity to submit our Quote.

Pricing is valid for 30 days from date of the Quote.

If you are using our pricing for a tender, please contact our office prior to submitting your tender to confirm our Price. The Price is based on the exchange rate between the Australian dollar and the Euro of AUD \$1.00 = EUR €0.63. If the exchange rate in the dollar falls below this amount at the time an order is confirmed, and the deposit is paid, there will be a correction for 65% of the quoted price as 65% of the pricing above represents the overseas content. Similarly, if the dollar rises there will be an equivalent reduction in Price. This currency adjustment only applies up until a deposit is paid, because once the deposit is received, we forward order the foreign currency, so everyone has full protection.

Regards



Phil Elsley

T: (02) 9966 5600

Email: phil@hercules.com.au

Hercules Carparking Systems

Maximum Parking. Minimum Space.

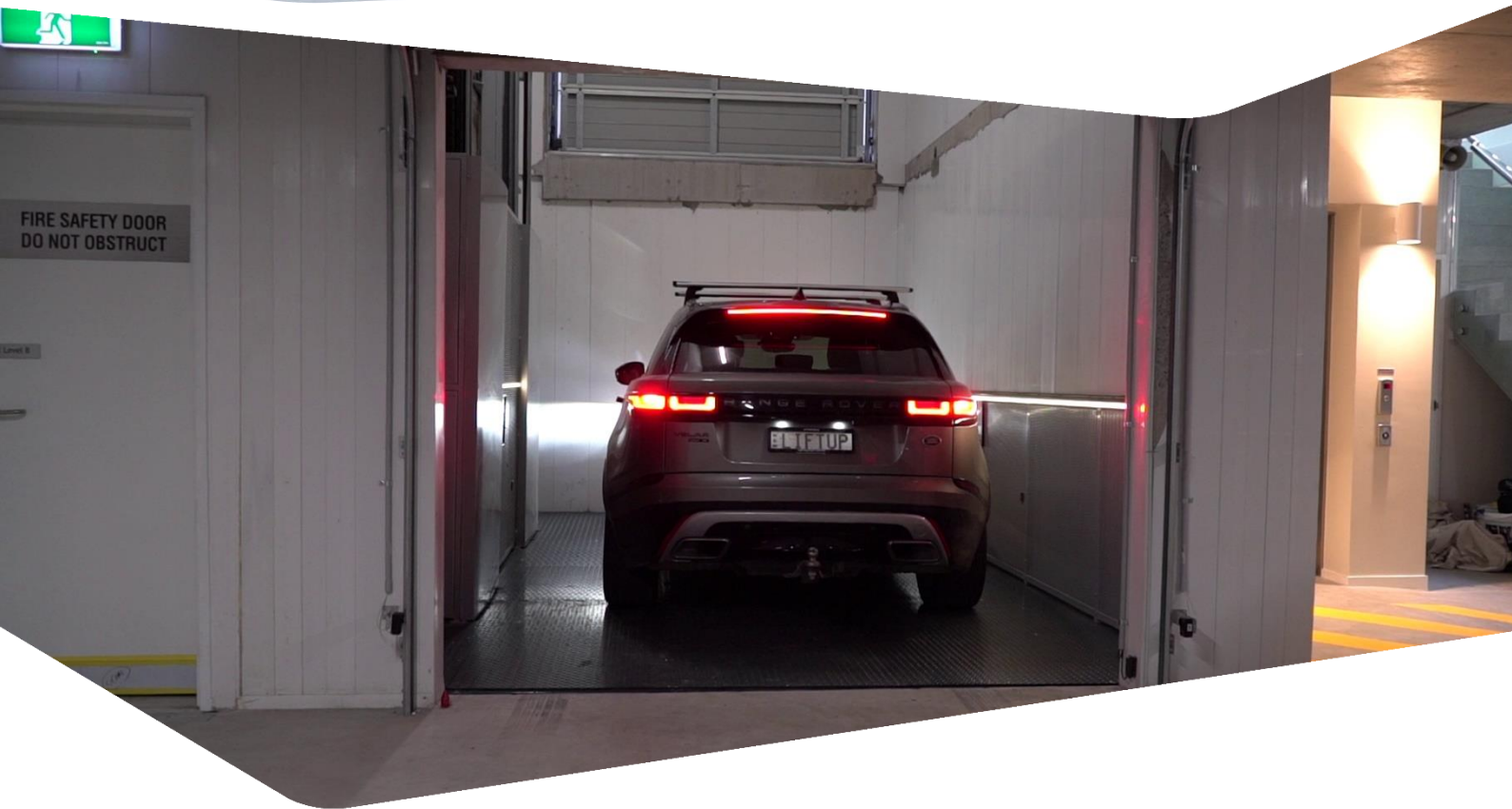
Australian owned, designed and installed. Hercules Carparking Systems delivers at every stage of the process. In 2004, Terry recognized a growing demand for maximization of car parking spaces. He formed Hercules Carparking Systems 2004, specializing in bespoke design for every conceivable parking requirement.

Hercules Carparking Systems has been providing space-efficient vehicle storage for both residential and commercial applications. We design, install and service Dependent and Independent systems as well as Car Lifts and Turntables. Uniquely an Australian owned and based car parking company, we are fully committed to the Australian market.

Our management team of fully qualified engineers based here in Australia can attend meetings at your convenience and design a carparking solution to meet your unique requirements. Hercules understands the importance of professional project management on every job, no matter the size or scope. We have often been told we say 'Yes' more often than our opposition do. We focus on functionality, safety, reliability, efficient and sustainable technologies and cost-effectiveness.

Our management, engineers, designers, project managers and administrators are available 24/7 to liaise with you on your project. We are very proud of our knowledgeable, friendly and professional team of experts.

Be assured that Hercules is involved in every step of the process, from design to installation, to servicing and maintenance agreements.



PRODUCT INFORMATION

The Hercules Two Column Vehicle Hoist is a hydraulic driven platform designed to safely transport vehicles vertically and comfortably to and from levels. This Hoist is most suitable for travelling between 3-4 levels with a maximum travel distance of 12 metres.

The Two Column Vehicle Hoist features two lateral lifting columns fitted with hydraulic lifting cylinders for rise and descent. Columns are anchored to a single load bearing wall and the platform is cantilevered off the single load bearing structure. This design provides a Low-Profile Hoist which is ideal for reducing excavation and only requires a 250 mm deep pit. The Hoist is designed to Australian Standards and is suitable for any application, such as a private home, residential apartment or commercial use.

Every level at which the Hoist stops is equipped with four mechanical locks. Before coming to a stop the locks will engage, taking the pressure off the hydraulics and securing the platform to the structure. This ensures a stable and safe platform when driving into and out of the lift.

For outdoor use, the lift can be equipped with a roof cover to fill the shaft opening at street level. The platform is well concealed below the ground, sitting flush at the level not to be seen. This is an ideal product for property owners and developers looking for a safe and affordable parking place. In instances where the heights of floors are not equal, the roof can be designed to separate from the lift allowing the lift to travel further to its level.

The steel structure can also be fully galvanised to protect the lift against harsh environments such as salty water or other contamination which may affect the structure. The galvanisation also reduces future maintenance requirements.

We also offer a wide variety of finishes to the vehicle hoist. For example, the platform or roof can be tiled or decorated to match the surrounding floor finish, making a flush and unnoticeable hoist. Customisation is welcomed and we will design to any requirement or limitation you may have.

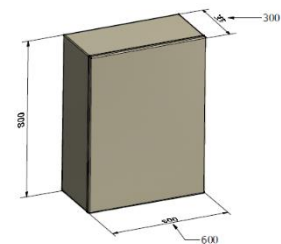
SITE SPECIFIC INFORMATION

MACHINE SPECIFICATIONS	
System Description	Two Post Hoist (Made in Italy)
Quantity	1
Pit Depth Required	250 mm
Shaft Length	5,800 mm
Shaft Width	3,080 mm
Number of Stops	3 stops
Travel	9,400 mm
Landing Doors	Excluded from offer – Builder to supply
Lifting Motors	24kW
Permanent Power Supply	3 Phase 415V 50HZ (Main)
Weight Capacity	3,000 kg
Speed (Standard)	0.15 m/s
User Inductions Included	Yes
Warranty	12 months (Parts and Labour)
Passenger Rated	Yes

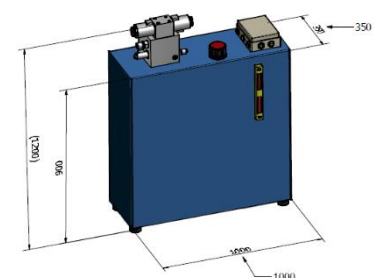
TECHNICAL DESCRIPTION

- Two lateral load-bearing columns with hydraulic cylinder for rise/descent.
- Qty. 4 Actuators for locking the platform at the floors (safety locks); Levelling accuracy 100%.
- Torsion beam under the platform.
- Columns in two pieces.
- 3 tons capacity.
- Qty. 3 low voltage IP65 control with 'Dead Man' push buttons, operating key and emergency stop button.
- Qty. 3 stops.
- Qty. 3 traffic lights.
- Remote control diagnosis system.
- Hydraulic power pack 400V 3-phases 50Hz – 6.6 kW. Passenger lift configuration: bath oil motor and low noise impact
- Person on Board kit:** on-platform low voltage man on board controls with 'Dead Man' push buttons, operating key, emergency stop button, Qty. 1 intercom ESSETI 4G with PSTN line, return-to- floor button and auxiliary battery (in case of power failure), EC Type Certificate issued by a primary Notified Body (IMQ).
- Qty. 2 load cells installed on the chains.
- Qty. 1 light barriers height 800mm.
- Qty. 2 laser scanners.
- UPS upgrade.
- IP55 electric wiring protection compliant with CEI 64-2 directive.
- Meets requirements of Machinery Directive 2006/42/EC.
- Powder coated RAL9006 and RAL7016.

CONTROL BOX DIMENSIONS



POWER UNIT DIMENSIONS



MATERIALS

The metal structure is manufactured with S 275JR and S 355JO high quality steel according to UNI EN 10025 e UNI EN 10027 norms. Bolts class 8.8 UNI 5737 and class 10.9 UNI 5712 are provided for.

SAFETY SYSTEM

- Dead Man controls
- Mechanical stops
- Adjustable electric microswitches
- Hydraulic cylinder over-centre valve

AUTOMATION AND CONTROL ELECTRIC BOARD

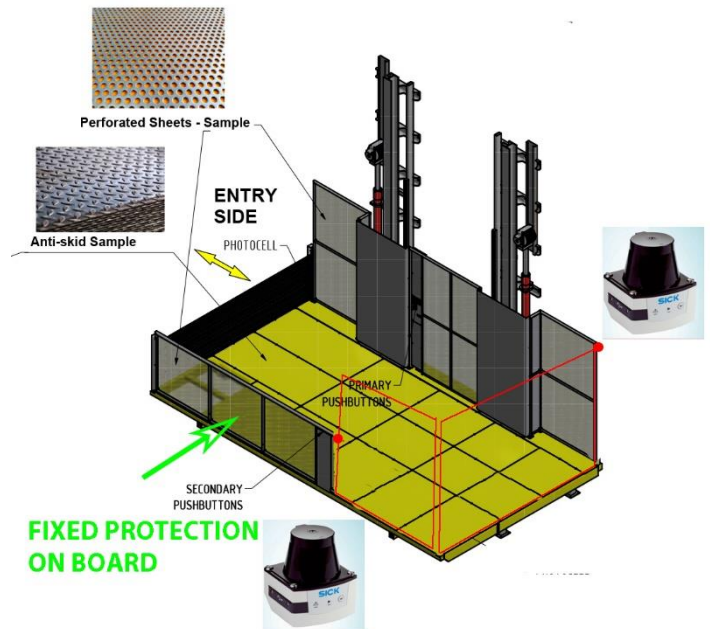
Electric board, IP54, suitable to contain the control, monitoring and alarm devices for the plant.

All the components will be located to ensure ease of access for any operation that may be necessary. The controls shall be identified by metal plates fixed by screws.

All components are mounted in such a way as to permit dismantling one without interfering with the correct operation of the others. Copper wiring shall be fixed to the boards walls to be connected to the main earthing system.

The board shall include the equipment for the automatic monitoring and control of the plant such as:

- Main switches
- Relays, knobs, push buttons, alarms
- PLC unit for the total control of the plant



DOCUMENTATION

- Packing/weight list
- CE conformity declaration
- CE compliant label and serial number
- Maintenance and user instruction manual
- Lift dangers and risks documents
- Electrical and hydraulic diagrams

INSTALLATION SCHEDULE

PROJECT INSTALLATION SCHEDULE	
Completion of Shop Drawings	6 weeks
Shop Drawing Approval	4 weeks
Manufacturing Time	TBC
Shipping Time	8 weeks
Customs Clearance	1 week
Installation	3 weeks
Adjustments & Final Commissioning	1 week

BASE PRICE

Base Price Subtotal (ex GST):

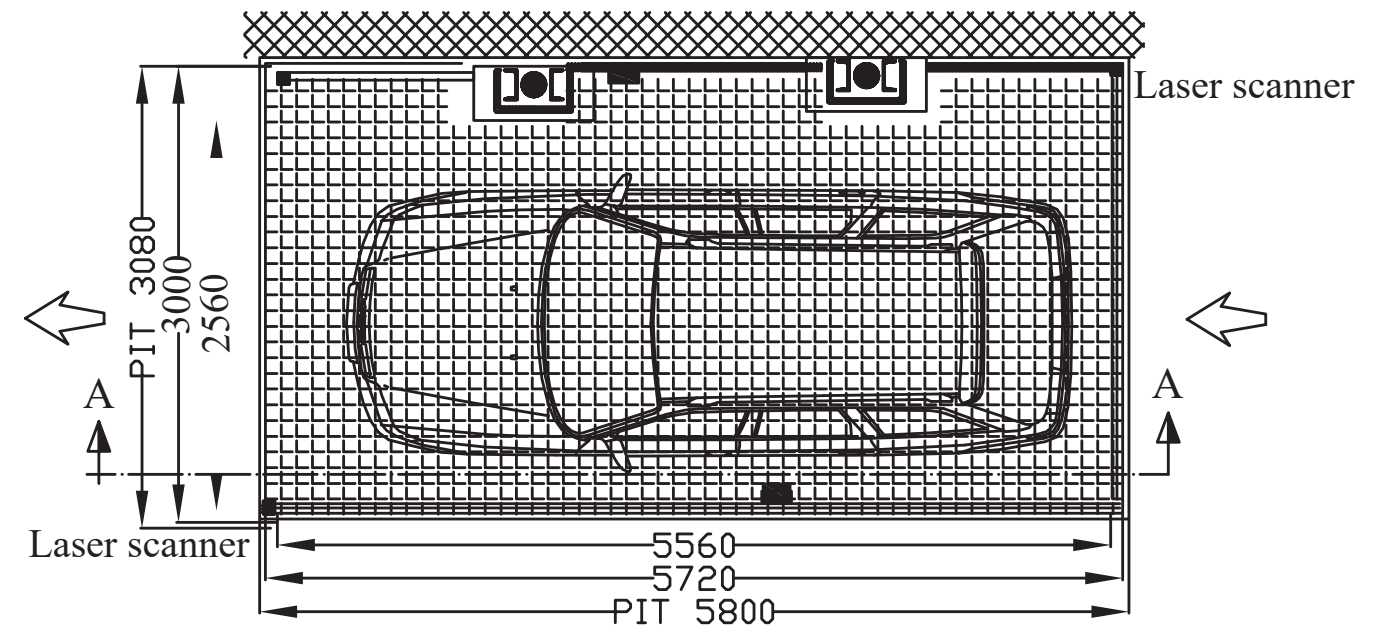
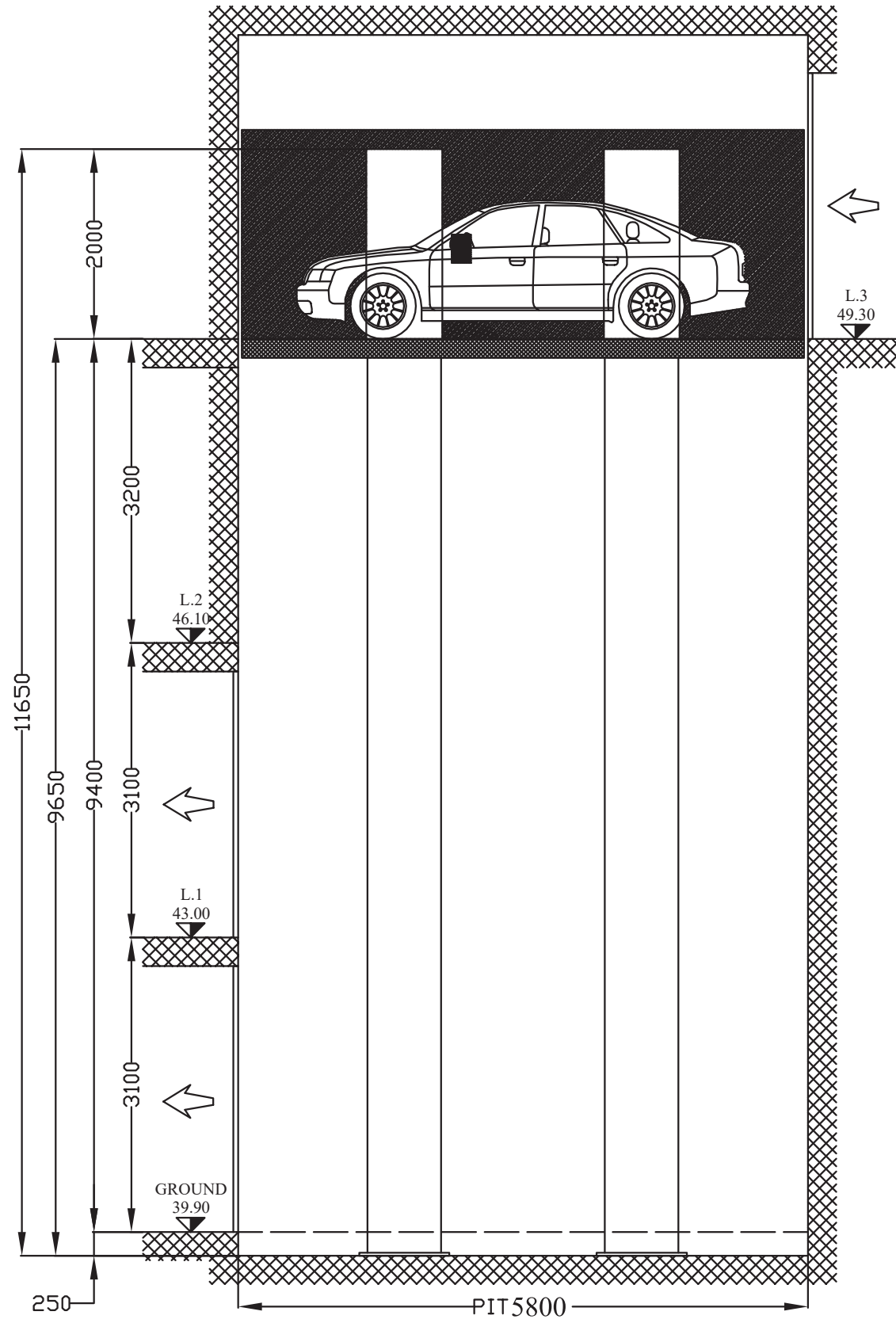
\$ 317,170Quote valid **30** days from date of issue**OPTIONAL**

Galvanisation of structure	\$ 7,325.00
Increased Speed from 0.03 to 0.15 m/s	INCLUDED
Remote control and receiver	\$ 2,950.00 (per lift) + \$ 80.00 (per remote)
Laser Scanner	INCLUDED
Traffic Lights	INCLUDED

EXCLUSIONS

- Civil works
- Fire protection systems (fire alarm trigger for a controlled shut down is included)
- Electrical power supply to the system. Builder is to supply 415V 3 Phase, Earth and Neutral amperage to supply 24kW to be located 1metre to the main control cabinet.
- Drainage sump pumps
- Builder to provide 6 cast in installation lifting points to Hercules requirements at the top of each lift shaft.
- Builder to provide cast in conduits if surface mount is not accepted on site.
- Builder is to provide suitable space for a 0.8(W)x0.8(L)x2.0(H) main control cabinet. Within a reasonable location near to car hoist.
- Landing doors

SEC. A - A



PRELIMINARY DRAWING: DIMENSIONS ARE SUBJECT TO ADJUSTMENTS.
PROTECTION TO BE DEFINED.

NO.	DATE	REVISIONS & DESCRIPTION	ENG'R	APPR'D	MODEL NAME	HCP-CL01-03	JOB	35 Fairlight St, Fairlight NSW			TITLE	Hercules 3,000kg Capacity CAR LIFT	
						DATE	22 October 2021	SCALE	S/N	SUBJECT	LAYOUT		
				DRAWN		DESIGNED	CHECKED	REVIEWED	APPROVED	PROJECT NO.	P 21 - 149		
				James Han						DRAWING NO.	HCP-CL2-001	REV.	