

*Levanta*PARK

TECHNICAL SPECIFICATION
CUSTOM VEHICLE
ELEVATORS



SMART SOLUTIONS FOR VEHICLE PARKING AND CAR STORAGE

The Custom Vehicle Elevator runs with hydraulic and electric driven power systems. Due to engineering excellence we have been able to reduce the overall shaft dimensions while maximizing the internal dimension of the car. The lifts have robust car design, with dimensions to fit the most common vehicle. We guarantee low service & maintenance cost while assuring easy to install components. The lift complies for vehicles in the lift code AS1735.2

By complying to AS1735.2 Custom Built Elevators can be deigned to travel at speed up to 1.0m/sec. Lift pits and head room clearances are required to meet the specified travel speed. These are all custom designed depending on the final design, cabin size and weight capacity of the car lift.

To reduce pit depth or headroom clearances a fully enclosed cabin can be provided with a maximum speed og 0.17m/sec. This comes under the AS1418.8 standard or directive. Specific detail on this is available by contacting enquiries@levantapark.com.au

VEHICLE ELEVATORS COMPONENTS



CAR FRAME AND GUIDE RAILS

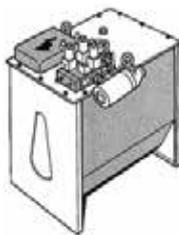
Strong and light design for quick instalation.

Car frame design require a minimum shaft dimension in relation to car size.

Rams always fixed close to well.

Cabin guide rail jack machined in size T125, T127 or T140.

Pulley assembly guide rail T50.



JACK AND POWER UNIT

Jack design maintains a minimum shaft dimension in relation to car size.

Vehicle lift use direct action, indirect action or telescopic jack.

Power unit designed for instalation in service friendly machine room.

Valve with soft stop is standard and electronic valve as option.

Soft starter or Star/Delta is supplied.

Flexible hose between power unit and rapture valve or three way fittings.



CAR SPECIFICATION



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Size:	Width	3000 - 3600 mm
	Depth	5600 - 6500 mm
	Height	2600 - 3000 mm
Floor:	Chequered plate	
Walls:	Galvanized steel	
Ceiling:	Galvanized steel painted white	
Bumpers:	Galvanized steel painted white	
Sill:	Aluminum	
Lighting:	Flush mounted Fluorescent	

CAR OPTIONS

Floor:	Aluminium or steel plate
Walls:	Inox, painted or coated glass Satin, patterned or polished stainless steel
Ceiling:	Inox glass Satin, patterned or polished stainless steel
Bumpers:	Inox, coated or wood
Sill:	Reinforced aluminium, Inox, solid steel painted or galvanized

DOOR SPECIFICATION

Size:	Width	up to 3000 mm
	Height	up to 2800 mm
Operator:	VVF controlled	
Finishing:	Epoxi, RAL 7032	
Panels:	4 to 6 central opening	
Sill:	Aluminum	
Protection:	Light curtain	
	Standard Fire Rating - 120mins	

DOOR OPTIONS

Finishing:	Stainless Steel
Sill:	Reinforced aluminium, Inox, solid steel painted or galvanized



TECHNICAL SPECIFICATION CUSTOM VEHICLE ELEVATORS

ACCESSORIES

LOP

Flush design



Down/Up
collective



Full collective

Surface design



Down/Up
collective



Full collective

Landing Operating Panels (LOP) can be provided in a variety of different finishes and architectural requirements. standard 57mm high numbers and lettering ensure details are clear and visible. The surface design is made from INOX scotch brite material.



Hall box with LCD display, 3D arrows and gong

Flush design



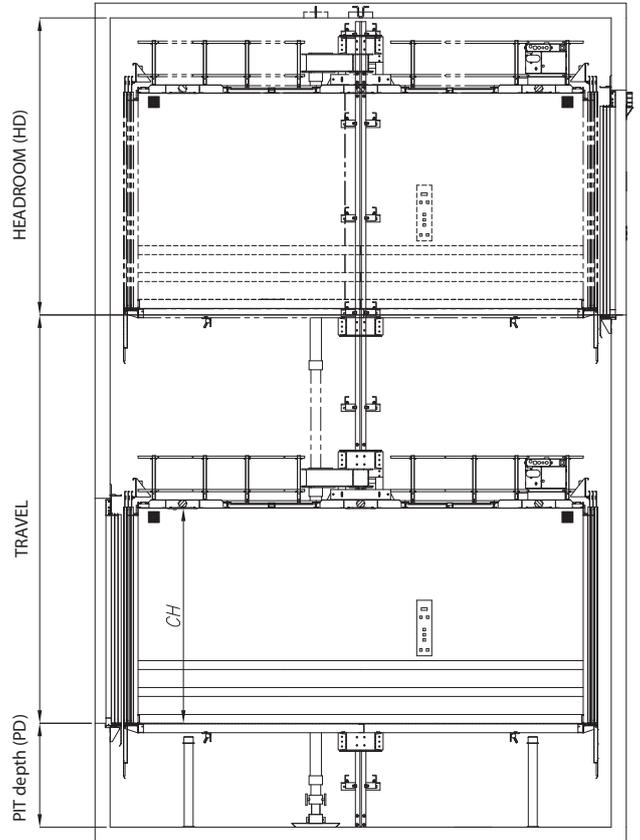
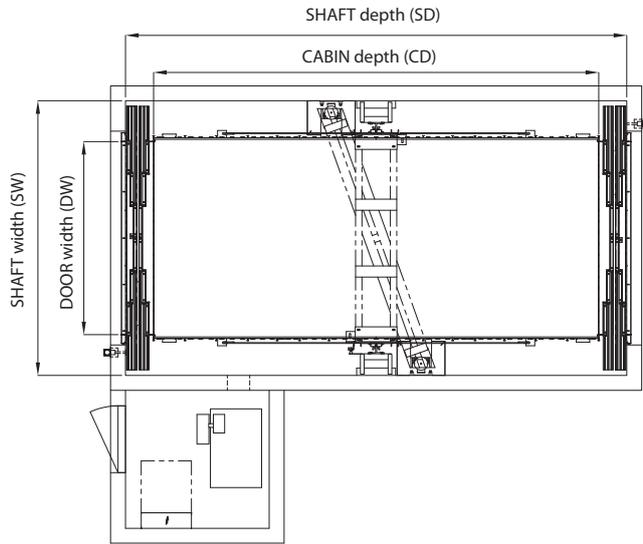
Surface design



COP - Client Design



INSTALLATION FEATURES



	Rated load kg	Car area m ²	Car width (CW) mm	Car depth (CD) mm	Car height (CH) mm	Door width (DW) mm	Door height (DH) mm	Shaft width (SW) mm min for 4-panel door	Shaft width (SW) mm min for 6-panel door	Shaft depth (SD) mm min for 4-panel door 2-enter	Shaft depth (SD) mm min for 4-panel door 1-enter	Shaft depth (SD) mm min for 6-panel door 2-enter	Shaft depth (SD) mm min for 6-panel door 1-enter	Head room (HD) mm	Pit depth (PD) mm	Speed max m/s	Travel max m	Guide rail	Pulley assembly guide rail
LP-CVE1-30 (direct acting 1:1)	3000	<10,64	2000 - 2400	4800 - 5300	2000 - 2600	Optional DW = CW - 100 ; max. 3000	2000 - 2500	1,5 x DW + 200 (min CW + 800)	1,5 x DW + 200 (min CW + 800)	CD + 500	CD + 350	CD + 680	CD + 440	CH + 1150	min 1200	0,28	20	T125 / T127 / T140	
LP-CVE1-35 (direct acting 1:1)	3500	<12,64	2000 - 2700	4800 - 5600															
LP-CVE1-38 (direct acting 1:1)	3800	<13,84	2000 - 2700	4800 - 5600															
LP-CVE1-42 (direct acting 1:1)	4200	<15,44	2000 - 3000	4800 - 5600															
LP-CVE2-35 (direct acting 2:1)	3500	<12,64	2000 - 3000	4800 - 5600															
LP-CVE2-CB (custom built)	8000	-	Max 3600	Max 6500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T50



Engineered Platform ensure the highest industry weights can be achieved. The units can be utilized for heavy goods lifts or vehicle lifts.



Minimum pit dimension while still assuring compliance with the code allows for the insertion of all safety requirements



A variety of internal finishes allows the car to be specified to the desire of the client. Double glazed and toughened glass with polished wood internal trims can be utilized when views are critical.



LevantaPARK custom vehicle elevators come standard with 120 minutes fire rated doors. The standard finish of these doors are a satin finished Stainless Steel



Designed for Australian site conditions



Engineered & Manufactured in Europe

QLD - 17 Canberra Street	Hemmant	QLD	4174
NSW - 89 Gascoigner Street	Kingswood	NSW	2747
WA - 67 Tacoma Circuit	Canning Vale	WA	6155
VIC - 133-135 Northcorp Boulevard	Broadmeadows	VIC	3043
SA - 6 Sheffield Street	Woodville North	SA	5012

COMPLIANCE DATA

- AS 3000
- AS Part 1601
- AS1735.2
- AS 60204
- AS1217.1
- EN14010