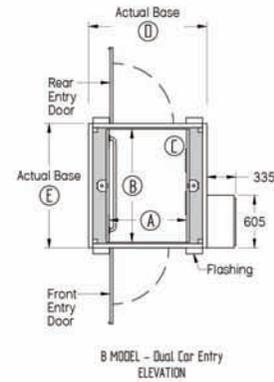
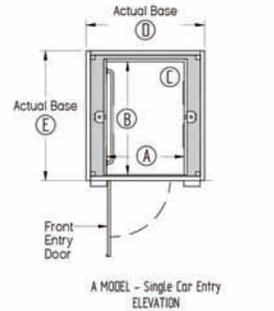
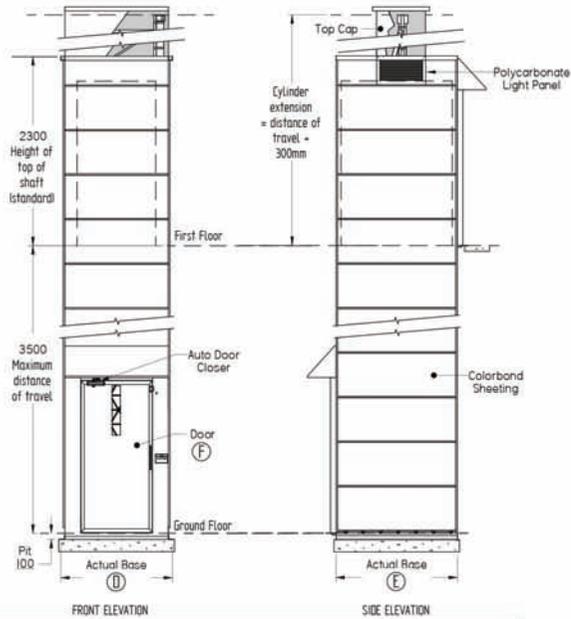


THE GEMINI 16



Description	Lift Measurements					
	Car Width	Car Depth	Car Height	Shaft Width	Shaft Depth	Door Width
Key	A	B	C	D	E	F
Single entry - Standard	900	1300	2020	1350	1470	910
Dual entry - Standard	900	1300	2020	1350	1410	910
Single entry - Deluxe	1125	1415	2020	1575	1585	970
Dual entry - Deluxe	1125	1415	2020	1575	1525	970

NOT FOR CONSTRUCTION

PLEASE NOTE: If overhead height is an issue for the cylinder extension, they can be lowered into a trench below the lift's standard 100mm pit. These are indicative drawings. Please speak to one of our friendly Lift Consultants for further information on lift requirements.

MAIN SPECIFICATIONS

- Carrying Capacity:** 350kg
- Car Size:** Standard - 900W x 1300D x 2020Hmm
Deluxe - 1100W x 1400D x 2020Hmm
- Door Size:** Standard - 910W x 1850Dmm
Deluxe - 970W x 1850Dmm
- Maximum Travel:** 3500mm
- Lift Speed:** Up to 0.145m/sec
- Max No. of Stops:** 2 with the option of 1 intermediate landing
- Drive System:** Dual oil hydraulic cylinders on each side of the lift car
- Minimum Pit Depth:** 100mm
- Cylinder Extension:** Distance of travel plus 300mm
- Machine Cabinet:** 605W x 335D x 1800Hmm
- Controls:** Automatic operation & key isolation
- Standards:** Meets or exceeds requirements of the Australian Standards Lift code AS1735 Part 16
- Usage:** Residential
- Application:** External use only.
- Installation:** Crane in, dismantle or manoeuvred.
- Cladding:** Inclusive colorbond panelling
- Supply Voltage:** 240volt. 20amp RCD breaker

07 3274 4211

Call Us - We're Here to Help

We have an unrivalled reputation for after-sales care and customer service. Call us and one of our friendly lift specialists will gladly answer all your questions.

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AUSSIE LIFTS



RESIDENTIAL



DISABLED USE

THE GEMINI 16

Oil Hydraulic Residential Lift

AUSSIE LIFTS



"The first in our line of oil hydraulic lifts, the Gemini 16 offers the cost effectiveness of a Gemini, whilst offering extra weight capacity and size."

After the proven success of the original Gemini's lift structure and our oil hydraulic system, we have been able to combine the two to provide a lift that is reliable, cost effective and easy to service. Boasting a lifting capacity of 350kg, the Gemini 16 is flexible in sizing whilst also being quiet and fast in operation.

Fabricated in Australia and supplied as a complete unit, with its own enclosed lift shaft, landing doors, lift car, hydraulics, electrics and machine cabinet, the Gemini 16 is completely assembled, stood and than tested before being released for installation.

Able to be craned in, dismantled or stood by hand, the Gemini 16 is perfect for retrofitting into an existing home or including into a new constructions.

Designed to be placed against a patio or verandah, the Gemini 16 can be installed within a day or two and is available in a number of colorbond colours to help blend the lift in with the house.



STANDARD SAFETY FEATURES

Supplied with an impressive list of standard safety features, the Gemini 16 offers peace of mind with it's in-car emergency telephone, infra-red door sensors, emergency battery backup lowering system and lighting. On top of that, the machine cabinet has a very easy to use manual lowering valve, should the lift car ever need to be lowered.

OIL HYDRAULICS

Fitted with oil hydraulic cylinders on both sides of the lift, the Gemini 16 offers a controlled ride with little effort. This means the extra power of an oil hydraulic lift provides flexibility in the lift car size without affecting the lift's performance.

A tried & tested means of hoisting, the direct acting oil hydraulic cylinders do require either additional space above the lift top of shaft or the cylinders trenched below the standard 100mm pit.

A variable measurement, the length of the hydraulic cylinders is reflective of the height the lift car needs to travel (FFL to FFL). For further details, please contact one of our trained lift consultants

Optional Feature - For improved floor levelling accuracy & smoother lift operation, the addition of a VVF drive to the hydraulic pump motor gives the lift the performance commonly found only on high end residential lift control systems.

LIFT TOWER

Unique in design and weighing approximately 500kg, the self supporting lift tower is fabricated from aluminium and is fitted with a series of folded colorbond panels to create a smooth flush surface inside the lift shaft.

Standard selection has the colorbond panelling in white and at a height of 550mm. To help unify the lift with the house, other options are available with colour selection and panel sizing.

To allow natural lighting to enter the lift shaft, a polycarbonate panel is fitted to one side of the shaft and a view panel is fitted to each landing door.

When required, weatherproof awnings are fitted above the landing doors. This protects the door closer from the elements. To complete the tower, a colorbond cap is fitted to the top which covers the cylinder extension, as well as providing weatherproofing and ventilation.



Why buy Australian Made?

- ▶ Built to Australian Standards
- ▶ Confidence in Quality
- ▶ Short lead times
- ▶ Parts readily available
- ▶ Jobs created in Australia
- ▶ Supporting Australian Economy
- ▶ Profits remain in Australia
- ▶ Ensuring skills are retained for future generations



LIFT CAR

Available in two styles of configuration:

- ▶ Single entry "**A Model**" with entry & exiting on the same side
- ▶ Dual entry "**B Model**" with entry at the front & exiting via the rear.

Lift cars can be individually built to the customer's requirements - up to a maximum floor space of 1.6m².

Lift car sizes are as follows:

- ✓ **STANDARD MODEL** W: 900mm x D: 1300mm x H: 2020mm
- ✓ **DELUXE MODEL** W: 1100mm x D: 1400mm x H: 2020mm

LIFT CAR INTERIOR

For durability and ease of cleaning, the lift car walls are lined in white colorbond and the floor is supplied with grey indoor/outdoor carpet.

Standard car features include:

- ✓ Stainless steel handrail
- ✓ Non - slip floor covering indoor/outdoor carpet
- ✓ Emergency telephone recessed into a control box
- ✓ Two or four recessed LED down lights
- ✓ 3 x photo electric sensors across the door entrance

LANDING DOORS

Fabricated from white composite panel, encased in a 50mm anodized aluminium frame, the swing action doors are light weight and durable. As standard inclusions, mechanical door locks, electric interlocks, mesh view panels & metal door handles are fitted to each landing door.

Automatic door operators, door hold open devices & sensory operation units are available as an optional extra.

Door size for **standard** lift car is: 910mm wide x 1850mm high.

Door size for **deluxe** lift car is: 970mm wide x 1850mm high.

STATIONS

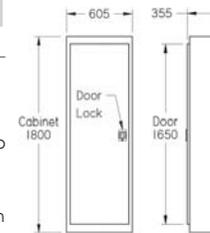
Mounted at the front of the lift and onto a stainless steel plate, the Gemini 16 has the option of two button styles:

- ▶ Square protruding plastic buttons
- ▶ Round stainless steel buttons

For securing the lift against unwanted users, each control is fitted with an isolating key switch. Used in conjunction with the parking facility, the lift car will position itself just above the lower landing, preventing either of the landing doors from being opened. This command can be overridden at either landing by keying the lift back on.

MACHINE CABINET

The Gemini 16 is supplied with its own external grade machine cabinet which eliminates the need to construct costly machine rooms. The cabinet is mounted to the side of the lift, at ground level, and provides easy access for emergency lift function and maintenance.



Fabricated from steel and powder coated to withstand the external elements, the cabinet is fitted with a key lock to deter against unauthorised access.

Provided with a key lockable door, the cabinet contains the hydraulic power unit, recyclable water tank, hydraulic control valves, electrical control board, emergency power supply, cabinet lighting, emergency tools and instructions.

INSTALLATION

Usually installed within a day or two, by either craning in, dismantling or manoeuvring into place, the Gemini 16 offers diversity depending on location and access.

ELECTRICAL REQUIREMENTS

The standard models all have the same economical power requirements.

- ▶ 240volt. Single Phase. 20amp RCD protected
- ▶ Active analogue telephone line

MAINTENANCE

For optimum performance, reliability and long term use, the lift should be serviced every 12 months by an approved lift technician.

WARRANTY

For all warranty enquiries, please check with your local Aussie Lifts dealer.

