

Powerglide Elevators – Basic Specifications

Model	All
System Type	Hydraulic, powered in both directions
Speed	300mm/sec up and down
Power Requirement	Permanent Non-RCD single phase 20 amps with isolating switch
Max Load Capacity	Up to 340kg
Landings	Up to 5 stops
Travel Distance	Up to 9,600mm
Car floor size	Up to 1400mm x 1400mm (rectangle or square)
Car Height	Up to 2400mm
Well and pit size	See floor size guide
Pit Depth	No less than 300mm from bottom landing
Cylinder hole depth	See cylinder hole guide
Distance between studs	330mm centres on rail side only
Clearance above car	Minimum 100mm
Control System	Custom PLC Controller
Door Latching	Double monitored electric strikes
Lighting	LED
Car Construction	RHS Steel frame, custom interior finish
Welding	All welding is by certified welder
Guides	Self Lubricating UMPHWE
Guide Rails	Rolled steel channel
Floor Material	21mm Plywood
Lift walls and ceiling	6mm Melamine panels in a range of styles and colours

The above Powerglide will be manufactured and installed to comply with the requirements of NZBC D2/AS1 as an acceptable solution using NZS4334:2012, and also as an alternative solution using the standards of AS1735.18 2002 in conjunction with NZBC D2/AS1.

For additional or more specific detail about any aspect of the elevator assembly, or to request or enquire about dimensions or specifications different to those above, please call or email us anytime