

# INCLINATOR™



**P.R.KING & SONS** PTY LTD

FAMILY OWNED SINCE 1922

1300 859 267

[www.prking.com.au](http://www.prking.com.au)

## INTRODUCTION

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**In 1954 P. R. King & Sons Pty Ltd introduced a new concept in luxury living with the “Inclinor” inclined lift. Designed to eliminate the constant climbing of steps for homes built on sites with a steep access.**

Since then, over 800 of these lifts have been built in and around Sydney, with more being sent interstate and overseas.

“Inclinor” is the registered trade name of P. R. King & Sons Pty Ltd range of inclined passenger lifts. All the lifts are built to the Australian Standard AS 1735 Part 8 and have been approved by all Lift Authorities in Australia.

The fame of the “Inclinor” has spread far and wide with units installed in places such as Fiji, Hong Kong, South America, Bali, Israel, Philipines, UK, Canada, USA and in most Australian states.

P. R. King & Sons Pty Ltd also supply and install wheelchair lifts, stair chairs and vertical lifts.

### RELIABILITY

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A combination of sturdy design, quality parts and a high level of workmanship during all stages of production has provided the “Inclinor” with an excellent reputation for safe reliable service.

Units in daily operation for over 50 years are still going strong, providing their owners with a safe and virtually trouble free means of transport.

### PERSONAL SERVICE

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One of our representatives will be pleased to call and discuss the installation of an “Inclinor” to suit your personal requirements. Simply call one of our offices and ask for “Inclinor” sales.

### COMPLETELY SAFE

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The “Inclinor” car is strongly built and travels on a treated steel rail supported on concrete foundations. The car moves on wheels which run between the upper and lower flanges of the racked rail. The main drive gear is in constant mesh with the rack and there is absolutely no danger of the car sliding down the rail. Safety devices, including a brake motor, a patented automatic overspeed governor and combined safety gear are fitted to make this impossible.



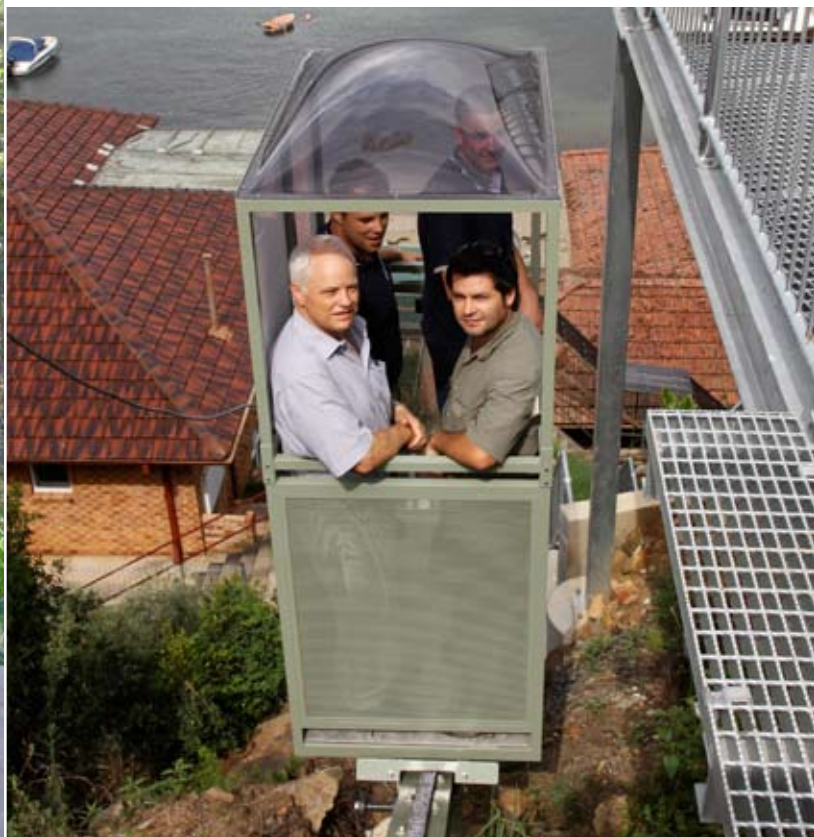
## SINGLE RAIL INCLINATORS

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Capable of carrying up to 4 passengers or 272kg's, the single rail "Inclinator" is the perfect solution to eliminate the stairs for either a commercial or residential application.

Each "Inclinator" is custom made to suit the end user's requirements with many options available to ensure that your "Inclinator" compliments your home or unit perfectly.

Push button controls from each landing and in the car combined with a variable speed drive gives the "Inclinator" a smooth ride with easy operation. It can be stopped and reversed as desired with the empty car able to be called or sent from one level to another.





## TWIN RAIL INCLINATOR

Capable of carrying up to 10 passengers or 680kg's, the twin rail “Inclinator” takes inclined travel to a new level. Travelling on twin steel ‘I-beams’ to manage the increased load, the twin rail “Inclinator” is the perfect solution for commercial or residential applications requiring a higher level of carriage customisation, load carrying capacity and true wheelchair access.





## BUILDERS PLATFORMS

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If you plan to build on a steep site, ask your architect for an estimate of what you could possibly save in material handling costs by installing an "Inclinators". This unit can be fitted with a materials only platform to help with carrying loads up to 272kg's. When the building work is finished, your normal passenger platform can be fitted.



## SERVICE AFTER INSTALLATION

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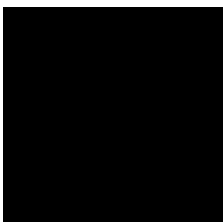
P. R. King and Sons offer a comprehensive range of after sales servicing for all our customers. No matter what type of "Inclinators" you have we will ensure that it is running faultlessly. Indeed, some of our Inclinators are still running after 50 years of reliable service, our lifts are built to stand the test of time.

If you are the proud owner of any of our range of lifts we can offer varying levels of service agreements depending upon your needs. It is a WorkCover requirement that any lift installed in Australia be serviced at least once per year by a qualified lift technician and we are happy to help you with this. We also offer an after hour service for all of our lifts, should the need arise.

Please contact your nearest P. R. King & Sons office to see how we can help you get the longest trouble free life out of your lift.



## AVAILABLE COLOURS



Black



Charcoal



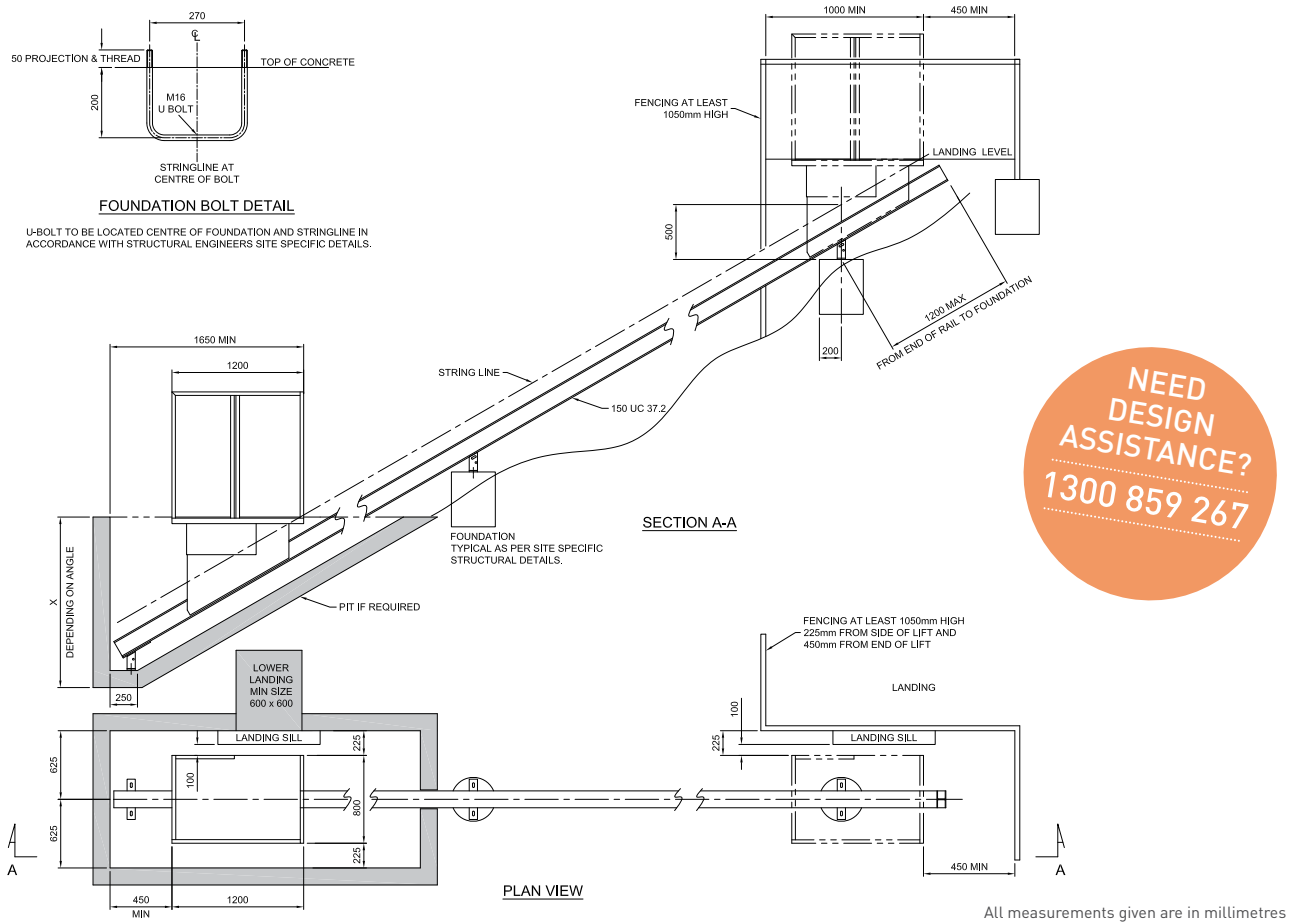
Dark Green



Mist Green



Slate Grey



NEED  
DESIGN  
ASSISTANCE?  
1300 859 267

## TECHNICAL INFORMATION

### Inclinator™ - Single Rail

### Inclinator™ - Twin Rail

Rail	150 uc 37.2 with sg iron rack bolted to the top flange	Twin 150 uc 37.2 at 700mm centres with cast iron rack welded to the top flange of one rail
Cable	12 core neoprene sheathed trailing cable with a kevlar core	24 core neoprene sheathed trailing cable with a kevlar core
Rated speed	0.4 metres per second	0.4 metres per second
Safety	All units are fitted with a brake motor and an overspeed governor that activates if speed reaches 125% of rated speed	All units are fitted with a brake motor and an overspeed governor that activates if speed reaches 125% of rated speed
Maximum passengers	4	10
Rated load (kg)	272	680
Maximum angle (degrees)	45	45
Minimum angle (degrees)	14	14
Travel type	Inclined	Inclined
Power supply	Dedicated 240V single phase	Dedicated 415V 3 phase
Drive motor rating (kW)	2.2	5.5
Drive type	Rack & pinion with variable speed controller	Rack & pinion with variable speed controller
Platform size (mm)	1200 (long) x 800 (wide)	1800 (long) x 1200 (wide)
Achievable grade change	8 degrees over total length	8 degrees over total length
Code compliance	AS1735 Part 8	AS1735 Part 8

# P.R.KING & SONS

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“INCLINATOR”

[www.prking.com.au](http://www.prking.com.au)

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