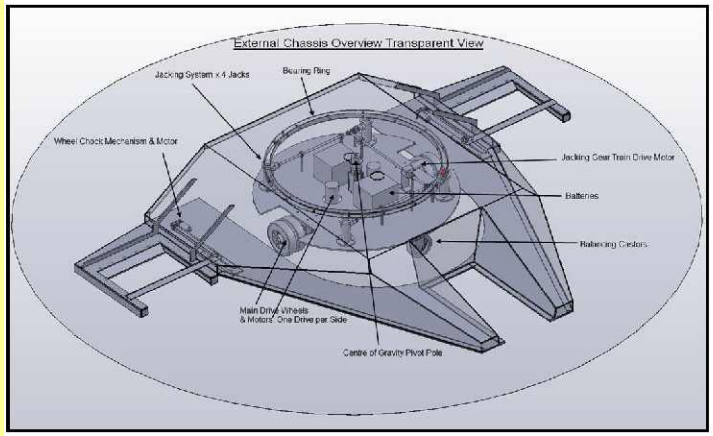
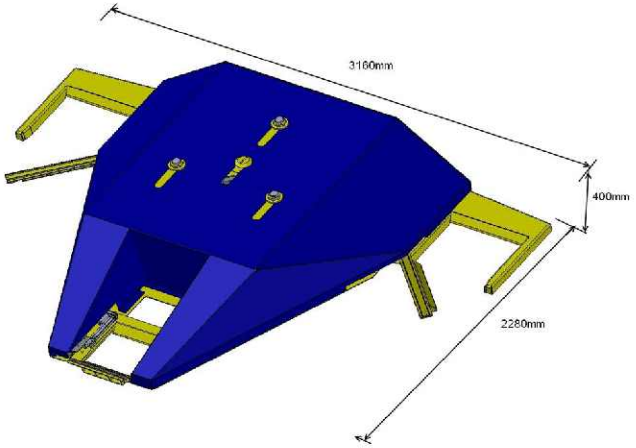
Features

- Low maintenance, easy care.
- Innovative & proven design.
- Uses state of the art technology.
- Cost effective.
- Simple to use.
- One person operation.
- Wireless remote control.
- Picks up aircraft and orientates in any direction even while moving if required.
- Drive mechanism can be easily removed for maintenance or inspection.
- No stress on the wheels as the aircraft is lifted on the spot… no pushing or pulling as with other aircraft movers.
- Can be used on varying sizes & types of aircraft.
- Lifts and lowers on the spot so less risk of wingtip or bodywork contacting structures. Other lifters typically move the aircraft while disengaging.
- Machine is battery powered including main drive wheels, lifting jacks and wheel chocking devices. No petrol or gas fumes.
- Supplied with battery charging system or optional solar charging system.





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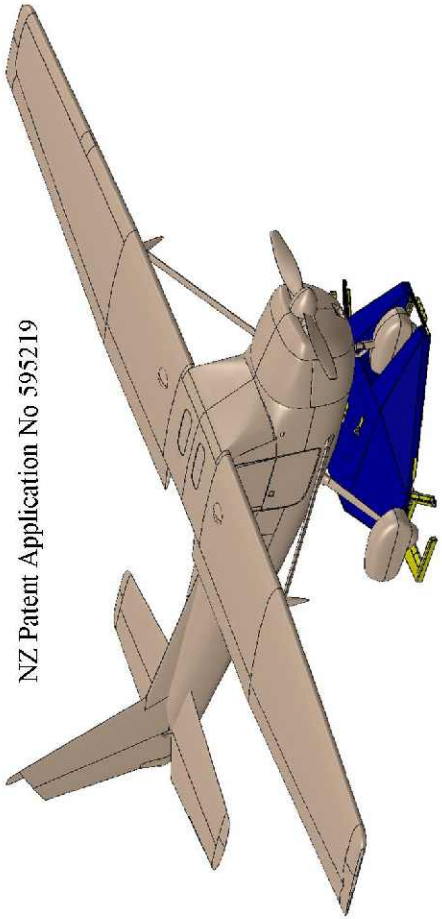
Aircraft Moving Equipment

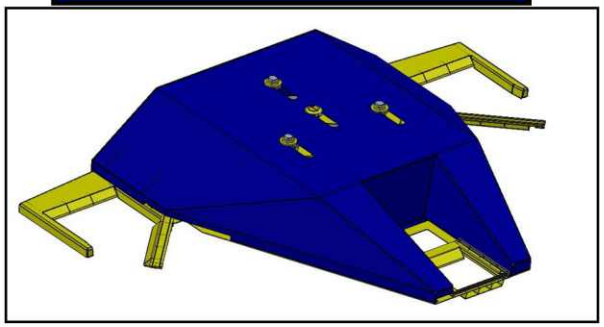
Orbit™

Problems Moving Your Aircraft Through a Narrow Hanger Door?
It's Easy & Safe With an Orbit™ Aircraft Lifter & Mover !



NZ Patent Application No 595219

Orbit ™



OVERVIEW

The Orbit ™ Aircraft Lifter & Mover is designed to single handedly simplify the task of moving aircraft around parking areas, through narrow hanger doors and hanger placement.

The machine can be operated by one person via a very intuitive wireless remote control. The lifter is driven via the onboard electric motors into the rear of the aircraft wheels and then retained by electrically driven chock clamps.

Once the wheels are chocked the aircraft is jacked up also by an onboard motor until the aircraft is elevated above ground level.

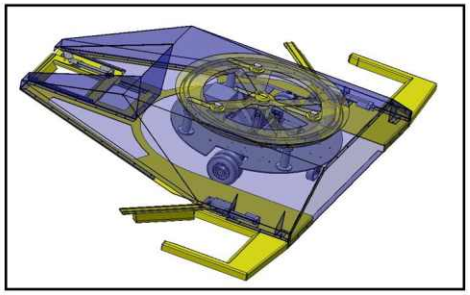
Aircraft Lifter & Mover

The key feature of the Orbit ™ is it allows the aircraft to be rotated on the spot without moving from the center axis AND then move in any direction due to the innovative drive system.

This means the aircraft can be rotated sideways to orientate the wings to enter a narrow hanger doorway wing first…..ideal if your hanger door is narrower than your wing span as is quite often the case.

Due to this feature the aircraft can be placed wing first into a corner which can optimise hanger space more efficiently.

It even allows the aircraft to be rotated independently on the machine whilst moving from one place to another or stationary so provides plenty of maneuvering versatility.



Drive wheels are solid rubber so can be driven over uneven surfaces including grass and bitumen.

This device lifts the entire aircraft off the ground. This means the wheels and undercarriage structure is still under the same tension as when the aircraft is sitting on the ground.

There are no lateral forces on the main wheel struts or front wheel when moving the aircraft as with other devices which either push or pull the aircraft via the front wheel only.

The Orbit ™ is available in sizes to lift conventional aircraft up to 1.5 tones. The pictures shown is designed for Cessna 172 and 182 aircraft however other versions are currently being adapted for most models of aircraft.

Models are also under design for helicopters utilizing the same innovative lifting and turning system.