

Move your Robinson helicopter with the Helimover™

Robustly built, easy to use, very reliable.

JARA AVIATION

HELIMOVER

TESTIMONIALS

"A fantastic piece of kit, very reliable"

Ray Guess R44 owner UK

"No more back pain moving my Robinson"

Aubrey Bristow R44 owner UK

"Robust, reliable and does the job every time"

Tony Johnson, R44 pilot New Zealand

"Makes moving the R44 in and out of the hangar so easy on my own"

Roy Harford, R44 owner, UK

"Built to last longer than the Helicopter"

R22 owner, Australia

"What a wonderful tool it is for ground handling"

Roger Penfold, R44 owner, UK

Over 300 Helimovers are in service all over the world.

Owners in UK, Italy, France, Germany, Poland, USA, Australia, Japan, Russia, Switzerland and Norway.

SAFETY FEATURES

- Automatic electronic parking brake is engaged when power is on and the throttle is released.
- Helimover operation is prevented if the power is switched on whilst the throttle lever is pressed
- Helimover will not move if battery charging is in progress
- The Ball Hitch locks onto the Robinson tow ball to prevent disengagement
- Key operated security isolation switch
- Soft start and stop
- LED illuminated tow ball line up aid

HELIMOVER™

TECHNICAL SPECIFICATIONS

Product Description: The Helimover™ is an electric tug designed for Robinson R22, R44 and R66 helicopters. It provides a simple and economic means of ground handling for Robinson owners and operators.

Motor: Permanent magnet 24v DC 300w

Gear-Box Reduction: 25:1

Drive Chain Reduction: 2.5:1

Avg Torque at Drive Wheels: 100 lbs/ft (150NM)

Batteries: 2 x 12V sealed, valve regulated Lead Acid (maintenance free)

Battery Charger: 110 or 220 / 240VAC

Motor Control Unit: Solid state, pre-programmed.

Tyres: 2 x 4.10/3.50-4 with inner tubes, max pressure 50 psi optimum 30 psi. Robinson ground handling wheels should be 60 psi

Lift Height: (Ground to Top of Ball Socket)
Down: 14.37" (366mm)
Up: 18.87" (480mm)

Weight: 172lbs (78 kgs)

Dimensions: Length: 34 1/4" (870mm)
Width: 27 1/8" (870mm)
Height: 18 1/2" (457mm)
In shipping configuration

Warranty: Product is warranted against all defects in materials and manufacture for 1 year from date of purchase

R66 Use: May require an additional adaptor



The Helimover™ is an electric tug designed for Robinson R22, R44 and R66 helicopters. It provides a simple and economic means of ground handling for Robinson helicopter owners and operators.

- ✓ Costs less than other tugs
- ✓ Robustly built and easy to use
- ✓ Exceptional power and manoeuvrability
- ✓ Compact design

Jara Aviation, Banbury, Oxon, OX17 3AT, England

Tel: +44 1869 810646 Fax: +44 1869 810755

Email: info@jara-aviation.co.uk www.jara-aviation.co.uk

Designed and Manufactured in the UK by Jara Aviation

HELIMOVER

Take the strain out of moving your Robinson helicopter

Robustly built, easy to use, very reliable.



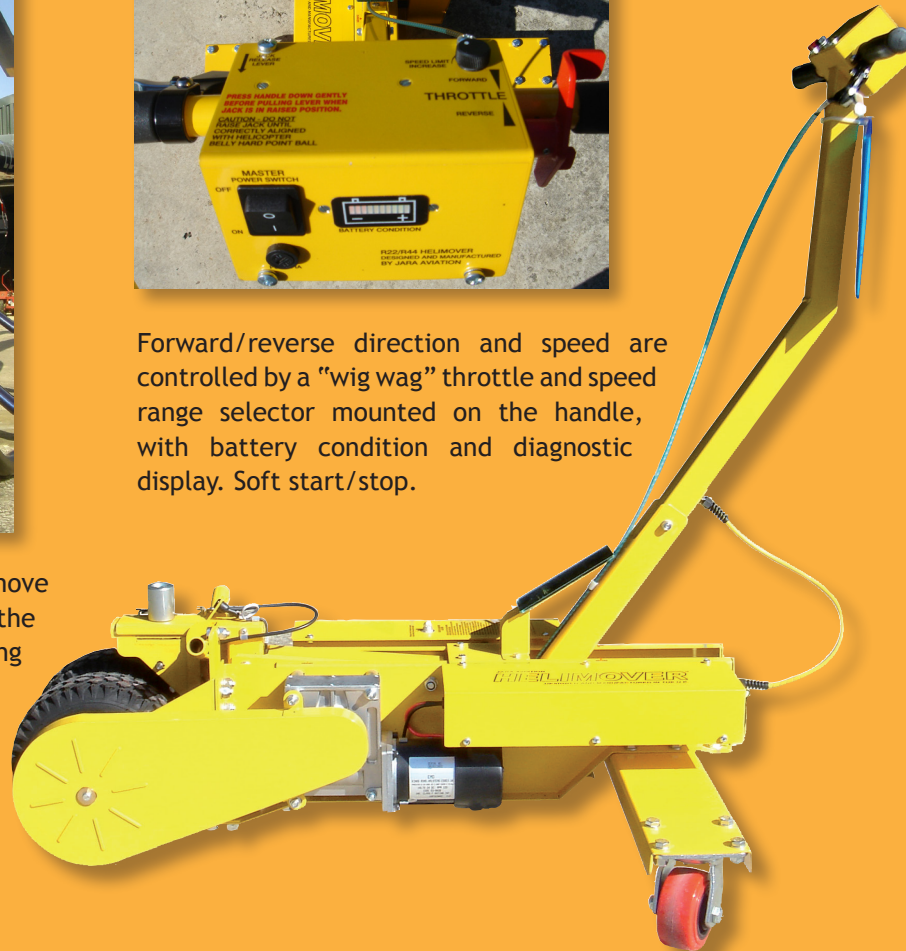
Fit the Robinson wheels and raise the skids. Then move the Helimover under the helicopter, push down on the handle to engage the ball hitch socket on the towing ball (already fitted to your R22, R44 or R66), and move the helicopter effortlessly.



A clever locking balanced lever system moves the ball hitch socket upwards to capture, and lock onto, the Robinson tow ball.



Forward/reverse direction and speed are controlled by a "wig wag" throttle and speed range selector mounted on the handle, with battery condition and diagnostic display. Soft start/stop.



Traction is provided by a 24volt DC motor, through a reduction gearbox, chain and gear drive, to the drive wheels. Soft start / stop is standard. The sealed lead acid batteries are of the latest technology, with exceptional power and life characteristics. They are recharged by a built in intelligent, mains power, battery charger.

With 100/lbs/ft of torque to the drive wheels, there is more than enough power to move a fully fuelled R44 with ease, even on inclines. The design of the Helimover enables the operator to turn the helicopter though 360 degrees within its own length, enabling into wind departures every time, and easy confined space hangar manoeuvring



Precision machined ball hitch and lock, with LED light and mirror location assist.



R44 Wheels in storage position

