



# UNIVERSAL TOWCARTS

Featuring Models V614, V650



**SMART, SWIFT & SAFE** HELICOPTER HANDLING



**V614**



**V650**



# MOST VERSATILE SOLUTION ON THE MARKET

Serves skidded helicopters from R44 to Bell 412  
Can also be used as APU and as luggage Carrier



## MASTERS TOUGH ENVIRONMENTS

Cover long distances at brisk walking pace  
Turn with minimal radius into tight spaces  
Roll smoothly over pebbles & cracks  
Cross hangar steps & rails easily



## SAFE & EFFICIENT HANDLING

True single person operation  
Impressive precision & reliability



# ATTACHMENT DEVICES

Universal towcarts are equipped with quick attachment system allowing to change attachment device depending on helicopter type. While the AT45 is the most used attachment with the V600 series towcarts, it is sometimes useful to have a different attachment device for best handling.



## AT44

The AT44 attachment block allows to safely attach Robinson Helicopters with the metallic ball located under the belly of the Helicopter.



## AT45

The AT45 allows a fast set-up, adapts to most skid tube diameters and shapes. It holds and lifts from the front of the skid tubes.





## AT47

The AT47 allows a fast set-up, adapts to most skid tube diameters and shapes. It holds and lifts from the cross-tubes.



## LIGHT TOW CART MODELS & SPECIFICATIONS

	V614	V650
		
<b>Compatible With</b>	AS350-355, B206B, B206L, B407, B427, B205-B412, H120, H130, H135, H145, BK117, MD500, MD600, R44, R66, Enstroms, Planes up to King Air.	
<b>Capacity</b>	Towing up to 17 000 lbs (7 700 kg)	
<b>Ideal For</b>	People needing a universal solution with sufficient traction to move their helicopter.	Luxury Version for busy FBOs with longer steel plate to allow transport of goods or ground handling wheels.
<b>Length</b>	65" (166cm)	Folded: 98" (247cm) Unfolded: 136" (345cm)
<b>Width</b>	42" (107cm)	
<b>Ground Clearance</b>	3" (7.6cm)	
<b>Lifting System</b>	Effortless Electric Lift	
<b>Traction System</b>	4x 300 watts motors	
<b>Handle</b>	No Handle, Joystick Only	Foldable handle for compact storage with removable Joystick
<b>Traction Tires</b>	4x Deep Threads Pneumatic Tire Wheel Size: 13" x 6" (33 x 15cm)	
<b>Front Wheels</b>	N/A	2 x Swivel wheels 6" (15cm)
<b>Batteries</b>	6 x 12V deep cycle batteries ( <b>Group 40</b> ) 40-50 amps hour (Not Included)	
<b>Battery Autonomy</b>	12 + Hangaring Cycles *	
<b>Battery Charger</b>	4 Amps Battery Charger, works on 115V / 230V (Charger Included)	

\* Based on 500'/150m distance on flat surface with an exterior temperature of 59°F/15°C. Helicopter weight may also affect battery autonomy.



# POPULAR OPTIONS

### GPU POWER SUPPLY

ORDER ID: OPS

Allow users to power helicopter using the towcart batteries. 24v output. This helpful option is a great back-up GPU system. This kit includes a high quality cable, aviation grade power plug



### LED LIGHT SYSTEM

ORDER ID: OLS

An option that helps work the night shift without requiring the help of more personnel. This powerful LED lighting system makes the positioning and attachment of the carrier under the helicopter much easier.



### WINTER TIRE

ORDER ID: OWTW4

Add traction in winter conditions with this X tread elements. Durable rubber compound to withstand harsh conditions.



### WINTER CABLES / CHAINS

ORDER ID: OWTCA

Allow trigger of traction on clear ice designed to maintain traction on hangar floor



### GEL FILLED TIRES

ORDER ID: OGF4-TC

Never worry about deflated tire again! Make your tires maintenance free with our Gel Fill option. Keeps same Psi flexibility over pebbles and hangar rails as classic air filled tires.



### PLANE TOW HOOK

ORDER ID: OATL

Allow operator to attach a towbar or trailer to pull airplane. Hitch ball not included.

