



V1000 SERIES

HELICARRIER

V1018, V1020, V1022, V1030, V1032, V1040



SMART, SWIFT & SAFE HELICOPTER HANDLING



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EASY **SINGLE PERSON** OPERATION

ENJOY EFFICIENCY

- Be ready to take-off in less than 5 minutes
- Use brisk mode to cover long distances
- End labor interruptions due to handling
- Make pilots fully & safely autonomous

MASTER TOUGH ENVIRONMENTS

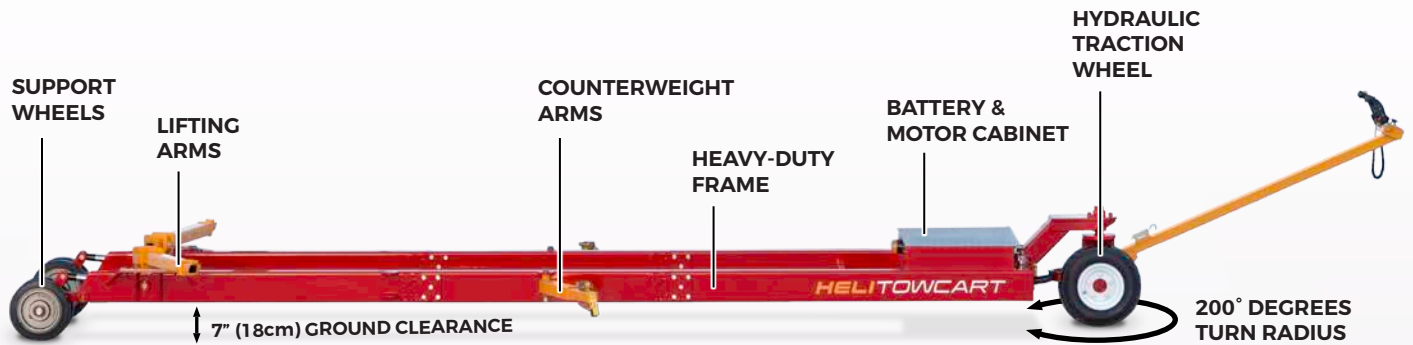
- Climb slopes, Cross hangar rails
- Operate on snow, ice, gravel & grass
- Roll smoothly over pebbles & cracks
- Lift high to clear obstacles & curves

GREAT COMPATIBILITY

- Works with almost all helicopters
- High ground clearance 7" (18cm)
- Works in all weather conditions
- Customize your Carrier with options



V1022 with AS350



OBSTACLE FREE FRAME

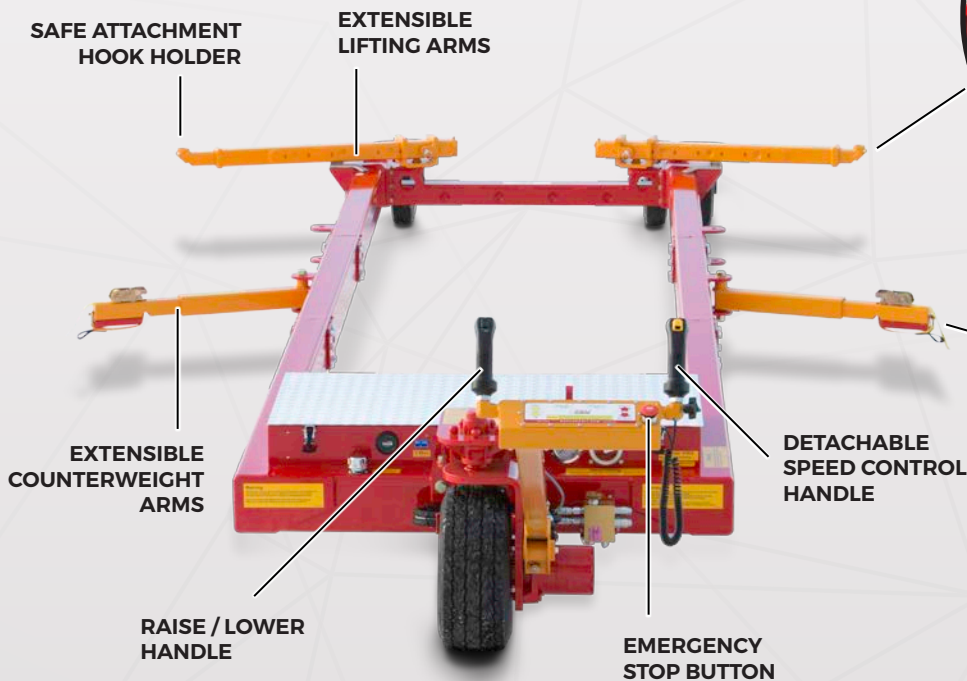
The Heli-Carrier features a "U" shaped heavy duty frame. This is designed to kneel down and crawl under the helicopter clearing most underbelly accessories such as Wire-Strike and FLIRs.

REDUCE MAINTENANCE COSTS

This all electric heavy duty battery operated solution makes the Heli-Carrier a cost effective and ecological choice for moving your helicopter. Moreover, the Heli-Carrier requires very little maintenance.

ENJOY THIS DAILY TASK

Experience true pleasure handling your helicopters. The Heli-Carrier is designed to offer swift and simple operation. It makes helicopter handling effortless and fun!



FAST & EFFORTLESS HANDLING

NO MORE GROUND HANDLING WHEELS!

One of the great advantages of the Heli-Carrier is that the helicopter ground handling wheels are no longer needed. The helicopter is lifted completely and effortlessly using the powerful hydraulic system of the Heli-Carrier. This saves a lot of time and also removes the hassle of those messy leaking hydraulic wheels.

TWO SPEED MODES & GREAT VISIBILITY

The Heli-Carrier features two speed modes. One is the standard speed for those delicate movements inside hangars and the other is the brisk speed mode for those longer distance moves outside the hangar. The Heli-Carrier is also equipped with a hand held grip which allows moving around the helicopter to view tail & blades.



V1032 with Bell 212

HYBRID SOLUTION



FOR SKIDDED AND WHEELED HELICOPTERS

Our V1060 Combi model allows even greater flexibility for companies operating wheeled and skidded helicopters. This Hybrid Heli-Carrier becomes the perfect tool to move your fleet. Contact us for more information!

COMPATIBLE WITH ALMOST ALL HELICOPTERS

The Heli-Carrier is designed to easily serve multiple helicopter types. Switching attachment hooks is effortless, quick and simple. The switch from one hook type to another requires no tools. Contact us if your helicopter is not listed below to check compatibility.

AS350
AND H125



AS350 FLOATS
WITH FLOATS



H120
FORMERLY EC120



H130
FORMERLY EC130



EC145
& BK117, BO105,
MD600, MD900



H145
FORMERLY EC145 T2



H135
UNIVERSAL USE



B505
NEW!



B206B



B206L
& B407, B205 to B412



MD500



B429
TO SUPPORT SKIDS FLEXIBILITY



POPULAR **OPTIONS**

GPU POWER SUPPLY

ORDER ID: **OPS**

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



LED LIGHT SYSTEM

ORDER ID: **OLS**

An option that helps individual work the night shift without requiring the help of more personnel. This powerful LED lighting system ensures safe helicopter tail protection while driving. It also makes the positioning and attachment of the carrier under the helicopter much easier.



EXTRA BATTERY COMPARTMENTS

ORDER ID: **OEBC**

These extra battery compartments are set upon each side of the Heli-Carrier motor cabinet. The kit can hold four additional batteries providing greater autonomy!



RADIO CONTROL FOR HELICARRIER

ORDER ID: **RC1**

Convert your Heli-Carrier into a remote controlled machine! Allows even great visibility all around the helicopter and optimizes hangar space.



PIVOTAL COUNTERWEIGHT ARMS

ORDER ID: **OPCA-BIS**

Pivotal counterweight arms allow to contour obstacles installed on helicopter skids such as flotation devices.



EMERGENCY TOW BAR

ORDER ID: **OETOB**

This option provides the means to tow the Heli-Carrier back to base should it ever experience failure far from its hangar. The option is a quick connect emergency tow bar to hook the Carrier to a tug or truck.



MARINE ENVIRONMENT COATING

ORDER ID: **OMEC**

Adapt Heli-Carrier to particulars of sea operations with more protective coating and triple crane hooks for loading onto vessel & storage away from landing pad.



TARP COVER

ORDER ID: **OTCV-[MODEL]**

Protect your Heli-Carrier with this tarp made for exterior storage. Made with high quality 600 denier polyester fabric coated with acrylic meeting multiple FR Standards. Tarp is supplied with two vents.



STUDED TRACTION WHEEL

ORDER ID: **OSTW**

Add traction to your Heli-Carrier by adding studs on the traction wheel for those extra icy winter months.



V1018 with Bell 505

HELICARRIER MODELS & SPECIFICATIONS

	V1018	V1020	V1022	V1030	V1032	V1040
Capacity	4500 lbs (2000 kg)	4500 lbs (2000 kg)	7500 lbs (3400 kg)	9500 lbs (4300 kg)	9500 lbs (4300 kg)	10500 lbs (4770 kg)
Compatible With <u>Underlined</u> = Marginal	B505, B206B, AS350, H125, H120, R44, R66 <u>B206L, B407, H130,</u>	B206B, AS350, H125, H120, MD500 (with pod) <u>B206L, B407, H130,</u>	B206B, AS350, H125, H120, H130, H135, BK117, MD500, MD600 <u>B206L, B407, H145, A119,</u>	B206B, B206L, B407, B430, AW119, AS350, H125, H120, H130, H145, UH72, BK117, MD500, MD600, MD900 <u>B429, H135,</u>	B206B, B206L, B407, B205 to B412 (Low & High Skid), B429 B430, AW119, AS350, H125, H120, H130, H135, H145, UH72, BK117, MD500, MD600, MD900	B205 to B412 (<u>Low</u> & High Skid), B429 B430, B206L, B407, AW119, AS350, H125, H120, H130, H135, H145, UH72, BK117, MD600, MD900
Ideal For	Private operations & light commercial operations	Private operations & light commercial operations	Commercial operations in normal conditions. Most Popular Model	Commercial operations needing extra power & length. Recommended for slopes and heavier rescue helicopters	Commercial operations with multiple helicopters fleet serving B429, B204-B412	Commercial operations serving primarily B204 to B412. Can also serve light turbines as secondary application
Length	172" (498cm)	172" (436cm)	172" (436cm)	202" (513cm)	220" (559cm)	220" (559cm)
Width	48" (122cm)	58" (147cm)	56" (143cm)	59" (150cm)	59" (150cm)	67" (170cm)
Hydraulic Pump	6 c.c. per revolution, max. 3200 psi			8.5 c.c. per revolution, max. 3200 psi		
Drive Motor	48V electric 20 hp fan cooled motor (15 kW). Built for continuous use					
Batteries	4 x 12V deep cycle batteries (Group 40)	4 x 12V deep cycle batteries (Group 27)				
Battery Autonomy	6-8 Hangaring Cycles *	10-12 Hangaring Cycles *				
Electrical System	48V Electric Motor with 12V converter for valves driver. Converter ensures batteries discharge equally. 24V to GPU (Sold Separately)					
Battery Charger	18 Amps Battery Charger, works on 115V / 230V					
Hydraulic Traction Motor	Providing 800 lbs Straight Pull (equivalent to 10 persons pushing helicopter)			Providing 1200 lbs Straight Pull (equivalent to 15 persons pushing helicopter)		
Traction Wheel	Deep Threads Pneumatic Tire with max 65 psi. Wheel Size: 16.5" x 6.5" (42 x 17cm)					
Support Wheels	4" (101mm) Wide Pneumatic Tire max 90 psi		2.5" (64mm) Wide Rubber Wheel (Sheet Metal Core)	3" (76mm) Wide Rubber Wheel (Cast Metal Core)		
Attachment Arm Build	Light built attachment arm		Standard Attachment Arm	Long Standard Attachment Arm	Long Heavy Duty Attachment Arm	
Specialties	Narrow body to fit under light helicopters such as Bell 505 & Robinson 44 / 66 24" Leg Extension Req. for Bell 505		Optional Leg extensions makes the V1022 great for B206L & B407	Has two sets of counterweight arms	Has two sets of counterweight arms	Wide hips to allow greater balance on larger machines such as Bell 204 to Bell 412. Has two sets of counterweight arms

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



EMS & LAW ENFORCEMENT **READY**

Shown above is V1022 with H135

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