

For Wheeled Helicopters



Carrier

V1000 Series

V1060, V1061, V1062

for Wheeled Helicopters, Fixed Wings,
& some Skidded Helicopters!



Impressively Powerful

Tows up to:
30 000 lbs (13 600 kg)

Lifts heli nose up to:
7500 lbs (3 400 kg)

Pull Traction up to:
3 000 lbs (1360 kg)

Ideal for Small Spaces

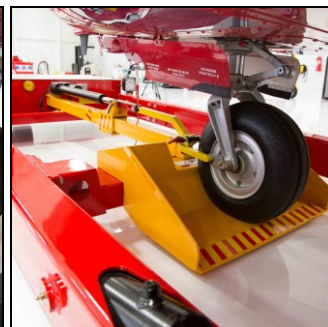
Can perform ExtraTight Turns

Great Flexibility

Single Operator Handling
Simple Hook, Pull Lift & Go
Extra Powerful Traction

Multi-Function Unit

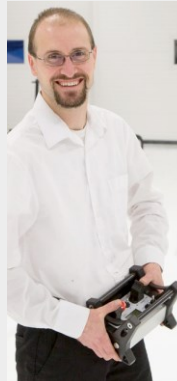
Fits Wheeled Helicopters
& Light Jet Aircrafts
& some Skidded helicopters too!



New!

Remote Control

Option Ideal for
Tight Environments
Tailwheel Helicopters
Oil Platforms Pads
One Man Hangar Ops



Very Easy to Use

Smooth, Precise
& Pleasantly Responsive

Heavy Machinery Class

Hydraulic Driven Steering
Proportional Directional Spool Valve System
Automatic Millisecond Frequency Hopping Portable Transceiver

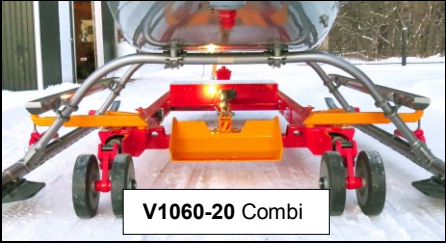
Great Solution for **Heavy Tailwheel Helicopters**



V1062 with Extra Traction & Large Pneumatic Wheels for **Oil Platform Landing Nets**



Models

<i>For Faster Tarmac Speeds</i>	<i>For Extra Traction Capability</i>	
<i>For Lower Underbellies</i>	<i>For Thick Rope Landing Nets</i>	
V1060	V1061	V1062
<u>For: Regular Tarmac - Longer Distances</u>	<u>For: Challenging Terrain - Shorter Distances</u>	<u>For: Thick Rope Landing Net - Oil Platforms</u>
Requires 12.5" Underbelly Clearance Tows Up to 25 000lbs (11 300kg) Regular Power (Performs at Faster Speeds)	Requires 12.5" Underbelly Clearance Tows Up to 30 000lbs (13 600kg) Extra Power (Performs at Lower Speeds)	Requires: 17" Underbelly Clearance Tows Up to 30 000lbs (13 600kg) Extra Power (Performs at Lower Speeds)
Slow Speed mode up to 80ft/min (24m/min) Fast Speed mode up to 180ft/min (55m/min)	Slow Speed mode up to 60ft/min (18m/min) Fast Speed mode up to 110ft/min (33m/min)	Same as V1061
Pull Traction: up to 1200 lbs Capacity Traction Wheel: 16.5" (42cm) Pneumatic Support Wheels: 12" (30cm) Full Rubber	Pull Traction: up to 3000 lbs Pull Capacity Traction Wheel: 20" (51cm) Pneumatic Support Wheels: 12" (30cm) Full Rubber	Pull Traction: up to 3000 lbs Pull Capacity Traction Wheel: 20" (51cm) Pneumatic Support Wheels: 16.5" (42cm) Pneumatic
<u>Compatibility:</u> Same as V1061 (see right →)	<u>Compatibility:</u> Sikorski: S76*, S92 Agusta: AW109, 139, 169, 189 Bell: B230.430, B429WLG Airbus: H155 Dauphin, H175, AS330 Puma, AS332.H225 SuperPuma Fixed Wings: Cessna Citation, Learjet, etc.	<u>Compatibility:</u> Sikorski: S92, Agusta: AW139, 169, 189 Airbus: H155 Dauphin, H175, AS330 Puma, AS332.H225 SuperPuma *For Oil Platforms, add options: Remote Control, Marine Coating, Hooks & Tarps
V1060-20 Combi		
<u>For: Adding Skidded Helis</u> With attachment arms of V1020 model Adds to V1060's Compatibility list the: B206B, AS350, H120, H130, MD500*		
		
	Significant Advantages:	
	<ul style="list-style-type: none"> • <u>Direction Wheel turns up to 200 Degrees for Tight Radius Turns!</u> • Lifts High to clear tarmac obstacles • Impressive Towing Capacity • Wide Compatibility • Multiple Options available for Customization 	

Specifications

Capability: Lifting Nose wheel up to 7500 lbs (3 400kg) / Pull Actuator Cap. for Nose Wheel loading: 2000 lbs (909kg) / Bucket: 24"x12" (610x30cm) with 5" (12.5cm) ground clearance.

Operation: Right hand grip slider button controls low speed horizontal movement. Left hand grip slider button controls vertical movement. For extra safety: Fast speed requires holding both grips. Index finger on left hand grip activates fast speed mode.

Hydraulic Pump: Gear pump. Max. 3500 lbs (1590kg) 8.5.c.c. per rev. High flow pump for faster speed.

Oil Tank: Large Oil Tank for 100% duty cycle. Greater oil quantity helps maintain low temperature and thus lowers energy consumption.

Drive Motor: Using 4 hp of the motor's 20 hp available. Up to 10kw capacity. 48volts. Fan cooled continuous use 80% duty cycle motor.

Electrical Syst: 48v electric motor, 12v valve driver, 24v to APU (option)

Converter: 48v-to-12v converter included to ensure batteries discharge equally. Prevents uneven long term battery performance.

Batteries: Requires 4 x 12 volts Deep Cycle Batteries. Our model BAGM27 Absorbed Glass Matt, size: Group 27.

Autonomy: Approx. 10 hanging cycles of 500' (150m) each. (Variation: oil pressure, traction motor model, heli weight & surface)

Charger: Included. 115/230v. 18 amps.

Traction Wheel: Deep set threads pneumatic tire. V1060: 16.5"x 6.5" (42 x 17cm) / V1061-V1062: 20" x 8" (51 x 20cm)

Hydraulic Traction Wheel Motor: V1060 model: 1200lbs straight pull @ 3000 psi. / V1061-V1062: 3000lbs straight pull @ 3000 psi.

Slope Brake System: Hydraulic lock valve ensures controlled speed on slopes & curtails free rolling when machine is not in function.

Attachments: We determine the appropriate attachment strap or hook according to the helicopter types for each fleet. For attachment and/or bucket configurations. Contact us.

Typical: Strap-Hook



Strap Hook



Tow Bar Hook



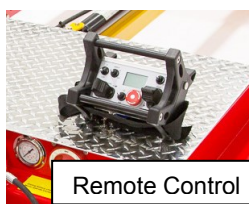
Consult the **Options** brochure to customize your Heli-Carrier.



Lights



24v. GPU



Remote Control

& More!

Carrier_V1060_Brochure_(2016_01_20) Printed in Canada