

For Wheeled Helicopters



Carrier

V1000 Series

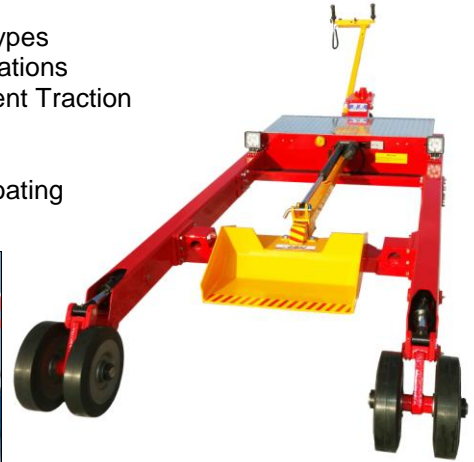
V1060, V1061, V1062
for Wheeled Helicopters

Impressively Efficient

Simple Hook, Pull, Lift & Go

Fits multiple helicopter types
Supports One man operations
Great Pneumatic Adherent Traction

Works on Landing Nets
Available with Marine Coating
& Crane Hooks



Extra Powerful

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

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

Pulls up to:
2 000 lbs (909 kg)

Ideal for Small Operating Spaces

Can Perform Very Tight Radius Turns
Extra precision in low speed for delicate manoeuvres



Models

V1060

For: Regular Tarmac

Traction Torque: 1200 lbs Pull Capacity
Traction Wheel: 16.5" (42cm) Pneumatic
Support Wheels: 12" (30cm) Full Rubber

V1061

For: Challenging Tarmac

Traction Torque: 3000 lbs Pull Capacity
Traction Wheel: 20" (51cm) Pneumatic
Support Wheels: 12" (30cm) Full Rubber

V1062

For: Oil Platform Landing Net

Traction Torque: 3000 lbs Pull Capacity
Traction Wheel: 20" (51cm) Pneumatic
Support Wheels: 16.5" (42cm) Pneumatic

V1060 & V1061 Compatibility

Sikorski: S76*, S92,
Agusta: AW109, AW139,
Bell: B230.430, B429WLG
Airbus: EC155 Dauphin, EC175, AS330 Puma, AS332.EC225 SuperPuma
Other: Compatible with Cessna Caravan & Other Fixed wings

*Download our "V1060 series Measure Tool" to confirm compatibility to your helicopters

For Slope or Broken Terrain: unit offers 3x the traction capability of the V1060 in exchange for lower operating speeds.

Particular features for Oil Platform:
-Hooks at four corners for crane lift
-Quick Disconnect Handle for storage
- Marine Environment Coating

V1062 Compatibility

Sikorski: S92,
Airbus: EC155 Dauphin, EC175,
AS330 Puma,
AS332.EC225 SuperPuma



V1062 on Landing Net



Specifications

Capability: Lifting Nose wheel up to 7500 lbs (3 400kg) / Carrying up to 30 000 lbs (13 600kg)
 Pull Actuator Capacity for Nose Wheel loading: 2000 lbs (909kg) / Bucket Dim.: Std is 24"x12" (610x30cm)

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. 4500 lbs (2000kg) 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. 2 hours non-stop or 10 hanging cycles of 750' (230m) each.

Charger: Included. 115/230v. 10 amps.

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

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

Traction Wheels:

V1060

Regular 16.5" (42cm)
 Pneumatic

V1061 & V1062

Large 20" (51cm)
 Pneumatic



Support Wheels:

V1060 & V1061

12"(30cm) Full Cushy Rubber

V1062

Large 20" (51cm)
 Pneumatic



Attachments: We determine the appropriate attachment strap or hook according to the helicopter types for each fleet. For Twin Nose Wheels we usually supply straps (included with carrier), but we can also add a Strap Hook if desired. For Single Nose Wheels we add a Tow Bar Type Hook specific to helicopter.

For specific needs we are open to develop custom adapters for attachment and/or bucket configurations. Contact us.

Strap-Hook



Straps



Tow Bar Type Hooks



Options

1 for Long Distances or Continuous Use

Possibility to double battery pack from 4 to 8 batteries.



OEBC Option Extra Batt. Compartments (Yellow battery boxes added to main cabinet)



BC18amps Large cap.18 amps battery charger for operating with 8 batteries.



BCEC30 - 30' Batt. Charger Ext. Cord Fasten batt. charger to work bench, then connect extension cable to Carrier

2 for Optimal Use

APU kit , 24v. output from Carrier's own batt. with Aviation Std Receptacle. Also called **OPS** Option Power Supply.



OLS Light Syst.
 2 Powerful lights,
 Each with 8 LEDs
 (3w) 24v. 1750 LM.

3 for Side Direction Control

OSCAE Option Side Control Arm Extension. Allows directional control standing at the side of helicopter.



4 for Back-Up Requirements

OETOB Option Emergency Tow Bar Tow carrier back to base in the remote eventuality of carrier breakdown in field.



5 for Marine Environment,

OMEC Option Marine Environment Coating.
 7 steps: Preperation, 2 Primer coats, 2 Paint coats, Frame Internal Linnen Oil Coating, and Electric Terminal Connection Sealing.



6 for Iced Tarmac

OSTW Option Studded Traction Wheel

