

AIRTUG®

Manufacturing Quality Aircraft Tugs Since 1974



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Visit our web site for all the details:

www.airtug.com

Model 10-S



Versatile loading method – nylon strap is placed around nosewheel strut and nosewheel is hand winched up onto a fixed ramp. The Tug of choice for those who need to move various types of aircraft, including nosewheel fairing types. Shipping weight – 350 lbs. (158k)

Model 10-H

The nosewheel is loaded the same as model AT-30, then it can be raised by a hydraulic jack up as much as needed up to a maximum of 8", lowering the tail by approximately double.

The *Tug of choice* for those who need to lower the tail to enter hangar, and might also need to handle nosewheel fairing aircraft. Shipping weight – 400 lbs. (181k)



Warranty

For those of you who don't really care about all the "nuts and bolts" of machinery, our warranty "sez it all"...

We offer a 30 day trial period.

This simply means that if, after assembling and following the enclosed operating instructions, the AIRTUG does not perform to your complete satisfaction, WE WILL HAVE IT PICKED UP AND RETURNED AT OUR EXPENSE. WE WILL IMMEDIATELY REFUND THE ORIGINAL PURCHASE PRICE PLUS THE INITIAL FREIGHT CHARGE TO YOUR DESTINATION WITHIN THE CONTINENTAL U.S. In addition, we warrant the AIRTUG (excluding engine) on a parts only basis for one year. Engines are warranted by the engine manufacturer for two years. All shipments outside of the U.S. are warranted the same except all freight and customs fees are charged additionally.

Our design goal is simplicity and ruggedness to ensure long range, maintenance free reliability. Our market aim ranges from heavy retractable singles up through turbo-props and light business jets such as King Air, Citation, Cheyenne, Twin Commander, Lear, L-39, PC-12, TBM, etc.

Construction

All models are built with a common frame design, differing only in nosewheel loading systems to address the needs of each customer. All mig welded, heavy gage steel frames.

Power Train

All model power is from an industrial Tecumseh 10 h.p., 4 cycle, electric start, recoil backup engine with a two year factory warranty. The heart of all our AIRTUGS is the hydrostatic transaxle. This is essentially an engine driven hydraulic pump with operator controlled volume output, driving a fixed displacement hydraulic motor, which drives gearing to a differential and to chain driven drive wheels. Even though this is a more costly solution to transmitting power to move a heavy object, it has gained industry wide acceptance, compared to an old fashioned manual shift type transmission with various mechanical clutching methods. No gears to shift, no jerky clutching systems to quickly wear out. Just smooth, infinitely variable output speed, from barely inching up through a fast walk. All drive tires are 16"x6" – 6 ply on 8" drive wheels capable of handling nosewheels weight up to 2000 lbs.

Control

All models feature an exclusive "twist bar control". Both hands remain on twist bar to control the total operation of the AIRTUG including travel speed, reversing, braking, and steering via the 8" rear caster. No need to remove a hand for trans control during critical maneuvering in tight quarters. Our new hydrostats now feature a spring back "return to brake/neutral" to ensure neutral starts and to absolutely prevent creep when a running tug is temporarily unattended.



Loading Systems

The strap load or J-hook system transfers the aircraft nosewheel weight onto the AIRTUG drive wheels to provide traction pressure.

This avoids having to manually hold down on the handle to get the necessary traction. Both systems get the nosewheel loaded regardless of any poor traction surfaces such as ice or snow, or wet, slick hangar floors. They also get the nosewheel loaded regardless of nosewheel weight, or having to place chocks behind mains.

Batteries

All models are shipped with wet battery at no additional charge.

Air and sea container shipments contain a sealed battery.

Shipped completely assembled (except handle and caster)

Crated for truck shipment.

Crate dimensions – 75"x36"x25" (190x91x64cm)

See the Tug Models page for individual shipping weights.



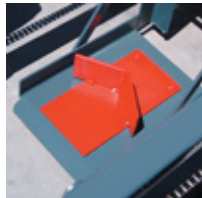
Model - S Model - H

Optional Equipment

J Hook
Clean Knees Hookup



Nosewheel Fairing
Chock



Tailwheel Chock
Scott 3200



Snow Chains



Night Light
Kit



Battery Maintainer
low amp float type



Long Control Mod
(Needed for L-39 & PC-12)

Weight Pack
Extra Traction For Light Nose
Aircraft



King Air Load Hook



Contact us for prepaid freight quote to your area. Please provide all aircraft model information when requesting a quote. For foreign inquiries, include location of nearest commercial airfreight airport. \$100 surcharge for ISPM-15 compliant crating material and sealed battery required for shipments outside the US.

UNITS ARE IN STOCK FOR IMMEDIATE SHIPMENT

Visa, Master, AMEX, and Discover, Bank Wire, Cashiers Check. Immediate shipment of all Company or Personal Checks - Shipment 5 days after receipt

AIRTUG, LLC

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