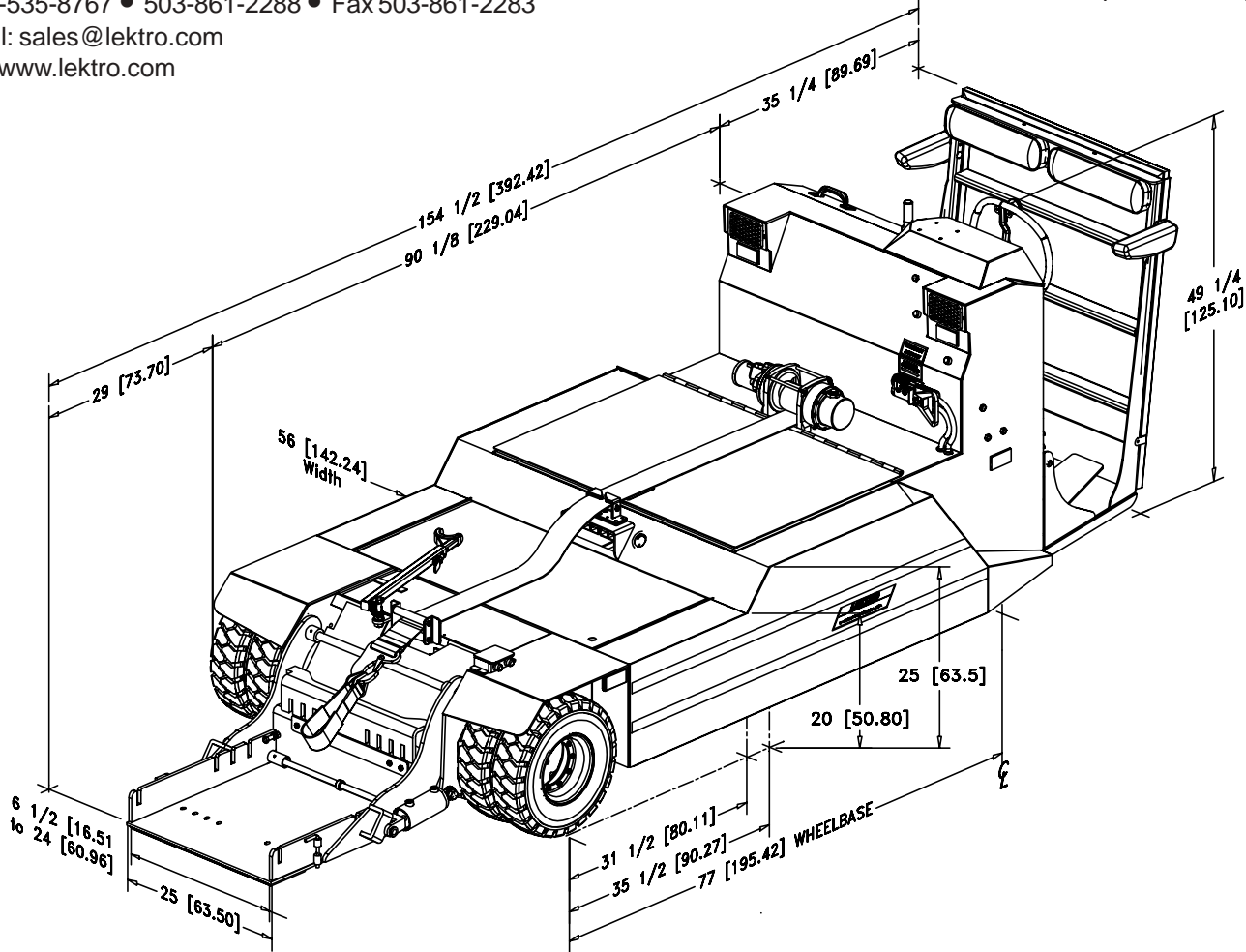


LEKTRO

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Model AP8700B AIRCRAFT TOWING VEHICLE FOR AIRCRAFT UP TO 55,000 LBS/24,948 KG



AP8700B FEATURES:

Vehicle Drive: Heavy-duty 10 HP, 48-volt D.C. Traction Motor coupled direct to drive wheels through gear drives utilizing compact design and strength to achieve maximum torque and efficiency.

Motor Speed Control: State of the art General Electric EV-100 LXT Electronic Speed Control with on-board trouble shooting diagnostics. Speed controlled by combination Hand Throttle/Directional Lever.

Batteries: Four 12-volt industrial, 300 ampere hour Batteries (6 hr. rate), wired in series.

G.P.U.: Built-in 12/24/28 volt, 1175 cold cranking ampere output capability with independent batteries and charging system, optional.

Battery Charger: Fully automatic 50 ampere D.C., 230-volt A.C., Single Phase Charger, standard. 3 phase or 50 hz, optional.

Nose Gear Lift Cradle: Lektro's patented Universal Nose Gear Lift Cradle is activated by an Electric/Hydraulic 48-volt pump assembly with dual cylinders, and is capable of handling dual and single wheel aircraft as well as those with or without wheel fairings. A hold down provision for light-nosed aircraft is also a standard design feature.

Winch: Heavy-duty Hydraulic Winch with automatic safety cut-off. Winch Strap and universal Strut Straps included.

Steering: Automotive-type wheel mechanically operated through chain and sprockets to an automotive gear box resulting in very responsive steering action.

Service Brakes: Foot operated dual independent hydraulic disc-type Service Brakes at each drive wheel.

Parking Brake: Foot operated mechanical / hydraulic activated Automatic Parking Brake.

Front Drive Tires: Dual 5.00 x 8 8-ply Pneumatic Traction Drive Tires. Chains optional for slippery conditions. Poly-foam filled tires available.

Rear Steer Tires: Dual 5.00 x 8 8-ply Pneumatic Highway Steer Tires, Poly-foam filled tires available. Steer Axle Suspension, optional.

Lighting: Dual Forward and Aft Headlights, independently activated. Seven flashing amber Running Lights positioned around tug to illuminate sides, top and rear.

Extension Ladder: Four-step Ladder attached to operator's back rest.

Operator's Compartment: Two person configuration, stand-up operation with restraint.

Construction: Welded steel plate and polymers preserved by primer and automotive high-gloss red enamel paint. A special protective coating applied to decks, fenders, side and battery compartments to prevent rust, scratches and corrosion as well as custom colors are optional.

SPECIFICATIONS:

Length	154.5 in / 392 cm
Width	56 in / 142 cm
Height	49.25 in / 125 cm
Turning Radius	135 in / 343 cm
Wheel Base	77 in / 196 cm
Vehicle Speed, Empty	7 m.p.h. / 11.2 kph
Vehicle Speed, Loaded (To Max. Vehicle Capacity)	3 m.p.h. / 4.8 kph
**Lift Cradle Capacity	5500 lbs / 2495 kg
Nose Gear Cradle Lifting Height	9 in / 23 cm
Ground Clearance	5 in / 12.7 cm
Chassis Weight w/o Batteries & Charger	2750 lbs / 1247 kg
Chassis Weight w/ Motive Batteries & Charger	4150 lbs / 1882 kg
Chassis Weight w/ Motive & GPU Batteries & Charger ..	4650 lbs / 2109 kg

**Lift Capacity is calculated with 18 in / 46 cm diameter aircraft tire in lift cradle. Aircraft tire center line at 20.5 in / 52 cm from drive tire center line.

ADDITIONAL OPTIONS:

Limited Slip Differential, Pintle Towing Hook, Specialized Aircraft Adapters: Westwind, Sabreliner, Dash 8, MU-2 Marquise/Dauphin/S76-B, Aluminum Longreach Universal Highlift. Illustration may show some optional equipment.
 *LEKTRO reserves the right to make changes and improvements in products and specifications without notice or obligation.
 PATENT Nos. 5,151,003/5,302,075. Other Patents Pending. 04/03