

LEKTRO

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Model AP8600 AIRCRAFT TOWING VEHICLE FOR AIRCRAFT UP TO 28,000 LBS/12,700 KG



AP8600 FEATURES:

Vehicle Drive: Heavy-duty 2.5 HP, 36-volt D.C. Traction Motor coupled to a heavy-duty Dana 44 Differential. 5.0 HP motor and Limited Slip Differential, Optional.

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: Six 6-volt, 350 ampere hour Batteries wired in series.

G.P.U.: Built-in 12/24/28 volt, 800 cold cranking ampere output capability, standard. 1175 cca system available.

Motive Battery Charger: Fully automatic 36 ampere, 110-volt, Single Phase Charger, standard. 230-volt or 50 Hz, Optional.

Nose Gear Lift Cradle: Lektro's patented Universal Nose Gear Lift Cradle is activated by an Electric/Hydraulic pump assembly with single cylinder, and is capable of handling dual and single wheel aircraft as well as those with or without wheel fairings.

Winch: Heavy-duty 2-speed Hand Winch. Strut and Winch Straps included.

Steering: Automotive-type wheel coupled to an automotive gear box resulting in very responsive steering action.

Service Brakes: Foot operated single hydraulic disc-type Service Brakes acting at differential pinion shaft.

Parking Brake: Foot operated Automatic Deadman Parking Brake.

Front Drive Tires: Dual 4.80/4.00 x 8 8-ply Pneumatic Traction Drive Tires. Chains optional for slippery conditions. Poly-foam filled tires available.

Rear Steer Tires: Dual 4.80/4.00 x 8 6-ply Pneumatic Steer Tires. Poly-foam filled tires available. Steer Axle suspension, Optional.

Lighting: Single 360 degree Rotating Headlight. Dual Headlights, Optional. Four flashing amber Running Lights positioned around tug to illuminate sides.

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 polymers, protected by primer and industrial, high-gloss red urethane paint. A special protective Polyurethane coating is applied to all chassis components to prevent rust, scratches and corrosion. Custom colors are optional.

SPECIFICATIONS:

Length.....	139.5 in / 354.2 cm
Width	41.0 in / 104.1 cm
Height (at top of steering wheel).....	48.25 in / 122.9 cm
Turning Radius	115.5 in / 293 cm
Wheel Base	67.25 in / 170.6 cm
Vehicle Speed, Empty	7 mph / 11.2 kph
Vehicle Speed, Loaded	3 mph / 4.8 kph
**Lift Cradle Capacity	2800 lbs / 1270 kg
Nose Gear Cradle Lifting Height.....	9 in / 23 cm
Ground Clearance	3.5 in / 9 cm
Chassis Weight w/ Batteries & Charger	2700 lbs / 1225 kg

**Lift Capacity is calculated with 14 in / 36 cm diameter aircraft tire in lift cradle. Aircraft tire centerline at 18.5 in / 47 cm from drive tire centerline.

ADDITIONAL OPTIONS:

Pintle Towing Hook, Specialized Aircraft Towing Adapters and Custom Highlift Adapters are available (consult factory). 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. 03/09

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