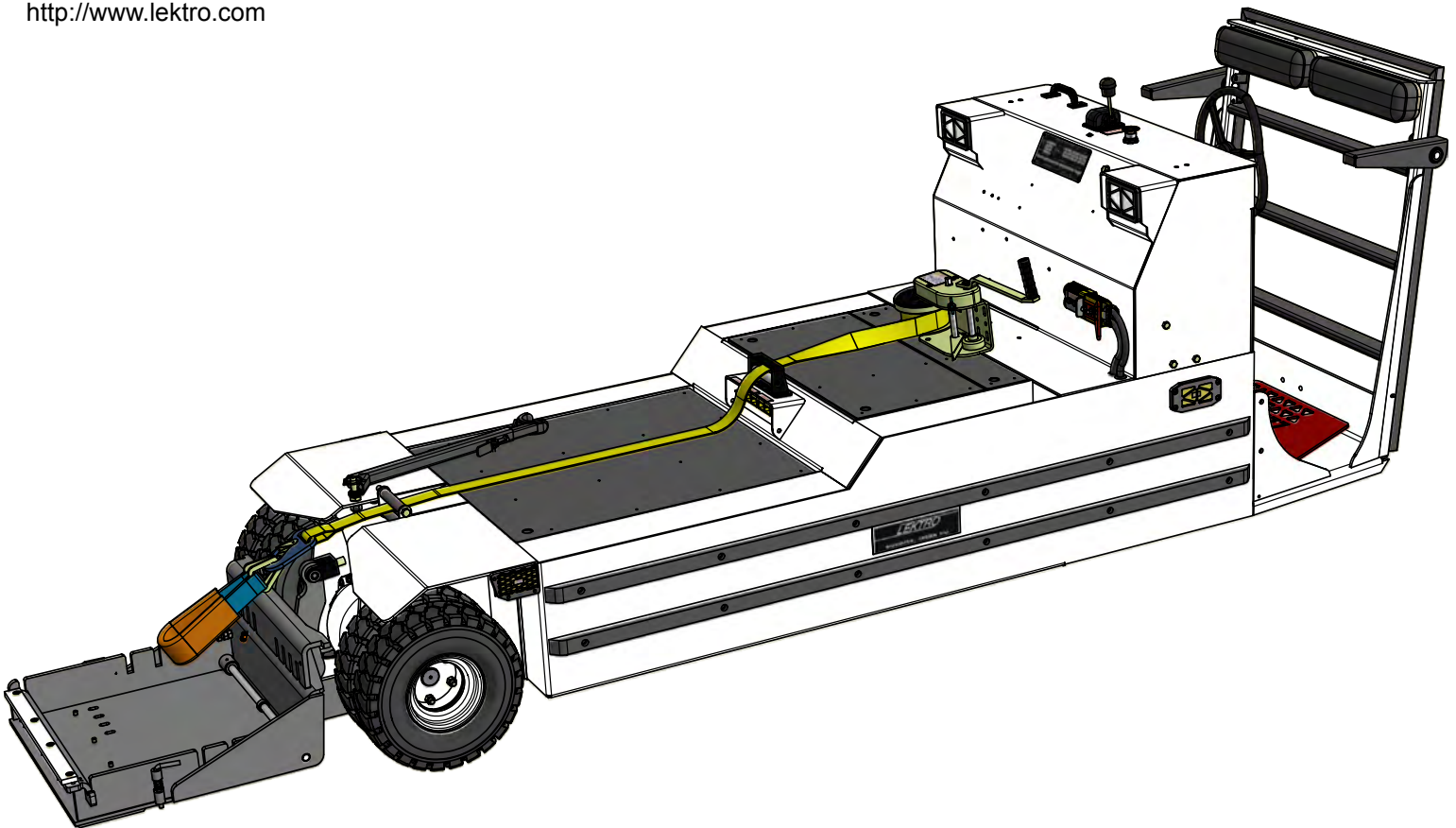


# LEKTRO

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## Model **AP8600A-M** AIRCRAFT TOWING VEHICLE FOR AIRCRAFT UP TO 30,000 LBS/13,608 KG



### AP8600A-M FEATURES:

**Vehicle Drive:** 11.8 HP/8.8 kW, 36 VDC Traction Motor mated with Dana 44 Differential. Limited Slip Differential, optional.

**Motor Speed Control:** EV100ZX SCR with On-Board Diagnostics. Speed controlled by combination Hand Throttle/Directional Lever.

**Batteries:** Six 6 VDC, 328 AMP-HR Batteries (6 hr rate), wired in series with Single Point Watering System.

**GPU:** Built-in 12/24/28 VDC / 1374 CCA Motive/GPU Batteries. Independent 1175 CCA GPU Battery and Charging System, optional.

**Motive Battery Charger:** External Fully Automatic 40 AMP DC / 120-230 VAC / 50-60 Hz / 1-PH Charger.

**Nose Gear Lift Cradle:** Patented Universal Nose Gear Lift Cradle activated by an Electric/Hydraulic Pump Assembly capable of handling dual and single wheel aircraft, those with or without wheel fairings, and a Hold Down provision for light-nosed aircraft. Aircraft Selection System, optional.

**Winch:** Heavy-duty 2-speed Hand Winch. Winch and Strut Straps included. Hydraulic Winch with Automatic Safety Cut-Off, optional.

**Steering:** Automotive-type Wheel coupled to an Automotive Gear Box resulting in very responsive steering action.

**Service Brakes:** Foot Operated Hydraulic Disc-Type Service Brakes acting at Differential Pinion Shaft.

**Parking Brake:** Hand/Foot activated Electric Deadman Parking Brake.

**Drive Tires:** Dual 4.80/4.00 x 8 8-ply Poly-Foam Filled Pneumatic Traction Tread. Tire Socks and Chains, optional.

**Steer Tires:** Dual 4.80/4.00 x 8 6-ply Poly-Foam Filled Pneumatic Highway Tread. Steer Axle Suspension, optional.

**Lighting:** Dual Built-in Forward and Aft LED Headlights and Five Flashing Amber LED Running Lights.

**Extension Ladder:** 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 Industrial Gray Enamel Paint with special protective Polyurethane Coating to prevent rust, scratches and corrosion. Steel Rub Rails protect from side impact. Custom colors, optional.

### SPECIFICATIONS:

Length.....	151.4 in / 384.6 cm
Width .....	42.6 in / 108.3 cm
Height (at top of steering wheel).....	48.8 in / 123.9 cm
Turning Radius .....	127.5 in / 323.9 cm
Wheel Base .....	79.2 in / 201.1 cm
Vehicle Speed, Empty .....	5.9 MPH / 9.4 KPH
Vehicle Speed, Loaded (To max. Vehicle Capacity) .....	3.5 MPH / 5.7 KPH
**Lift Cradle Capacity .....	3000 LBS / 1361 KG
Nose Gear Cradle Lifting Height.....	9 in / 23 cm
Ground Clearance .....	3.5 in / 9 cm
Chassis Weight w/ Batteries & Charger .....	2750 LBS / 1247 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:

Draw Bar Pin, 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 / 9,067,691.

Other Patents Pending.

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