

# LEKTRO

# Model AP8850SDA-EZ

## AIRCRAFT TOWING VEHICLE

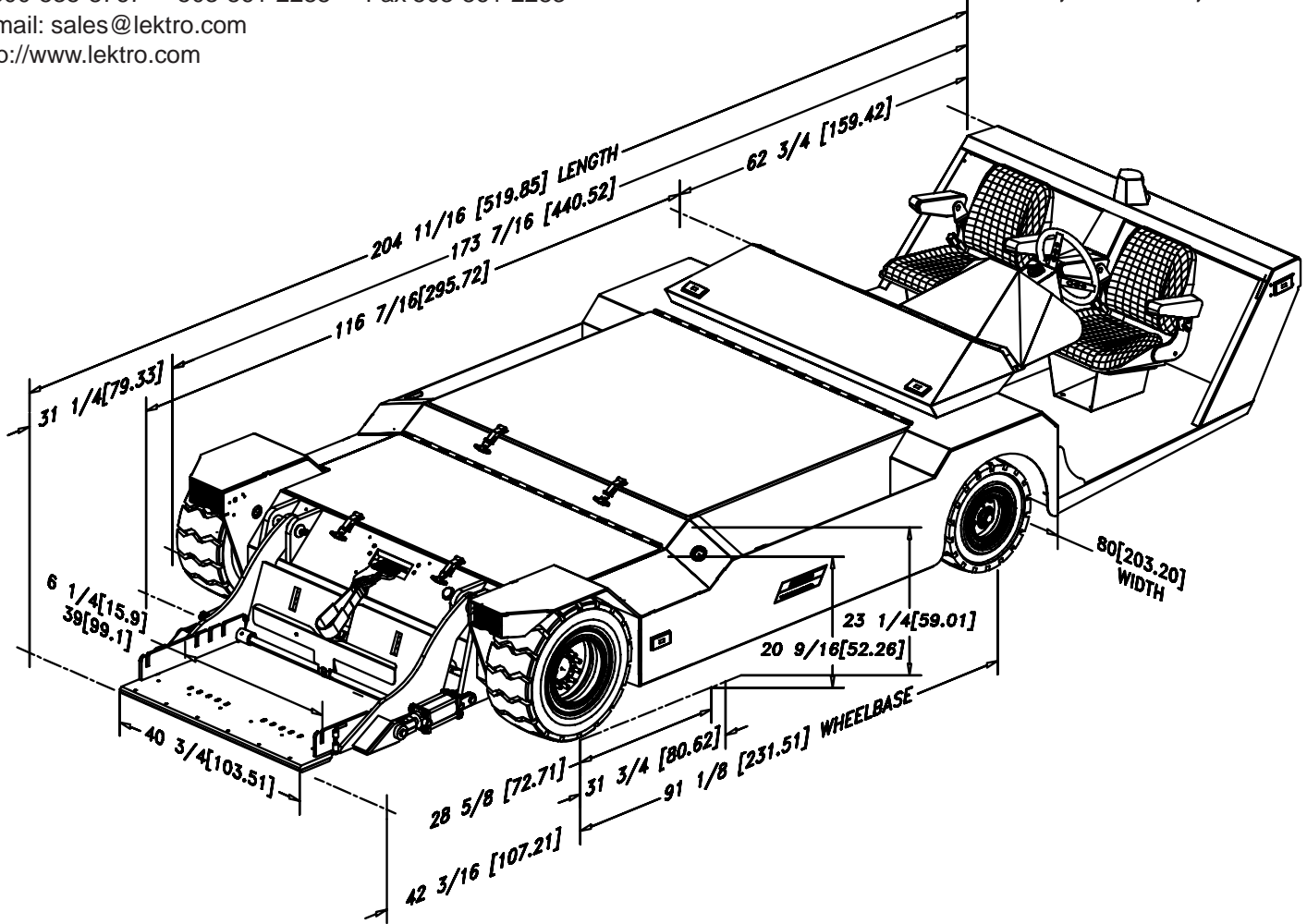
FOR AIRCRAFT UP TO 120,000 LBS/54,432 KG

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### AP8850SDA-EZ FEATURES:

**Vehicle Drive:** Heavy-duty 11 inch frame, 72-volt D.C. Traction Motor coupled direct to a heavy-duty Dana 44 Differential. Limited Slip Differential, Optional.  
**Motor Speed Control:** State of the art General Electric EV-200 LXT Electronic Speed Control with on-board trouble shooting diagnostics. Speed controlled by Foot Throttle.

**Batteries:** Six 12-volt, 390 ampere hour Batteries (20hr. 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.

**Motive Battery Charger:** Fully automatic 40 ampere, 50/60 hz, 220-volt, Single Phase Charger, standard. 230 volt, 50 hz, Optional.

**Nose Gear Lift Cradle:** Lektro's patented Universal Nose Gear Lift Cradle is activated by an Electric/Hydraulic pump assembly with dual cylinders, and is capable of handling dual and single wheel aircraft. A hold-down provision for light-nosed aircraft, Optional.

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

**Steering:** Electric/Hydraulic Power Steering controlled through automotive-type tilt wheel requiring minimal effort with very responsive steering action. Automatic timer shuts down steering motor when tug is not in use, increasing battery shift life.

**Service Brakes:** Foot operated dual independent hydraulic disc-type Service Brakes utilizing the final wheel drive gearing to achieve maximum braking with minimal brake pedal effort.

**Parking Brake:** Hand activated, industry standard, "yellow diamond" push/pull electric/hydraulic Parking Brake, coupled to brake discs on final drive.

**Drive Tires:** Single 23 x 10 x 12 18-ply Pneumatic Traction Drive Tires with Siping. Chains optional for slippery conditions. Poly-foam filled tires available.

**Steering Tires:** 18 x 7 x 8 Semi-Pneumatic Traction Steer Tires mounted to a fully suspended steer axle.

**Lighting:** Dual Forward Headlights, standard. Dual Aft Headlights, Optional. Four amber reflectors positioned around tug to illuminate sides and top. Amber Strobe Light mounted center rear and Flashing Running Lights, Optional.

**Seating:** Operator and passenger seating, forward facing, constructed of industrial grade, weather resistant materials including armrests and seat belt. Dual facing passenger/operator's helm, Optional. Operator's cab with heater, defroster, and windshield wipers, Optional.

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

### SPECIFICATIONS:

Length .....	205 in / 520 cm
Width .....	80 in / 203 cm
Height (At lowest steering tilt setting) .....	37 in / 94 cm
Turning Radius .....	180 in / 457 cm
Wheel Base .....	91 in / 231 cm
Vehicle Speed, Empty .....	9 m.p.h. / 14.5 kph
Vehicle Speed, Loaded (To Max. Vehicle Capacity) .....	4 m.p.h. / 6.4 kph
**Lift Cradle Capacity .....	12,000 lbs / 5443 kg
Nose Gear Cradle Lifting Height .....	9 in / 23 cm
Ground Clearance .....	5 in / 12.7 cm
Chassis Weight w/o Batteries & Charger .....	5330 lbs / 2418 kg
Chassis Weight w/ Motive Batteries & Charger .....	8850 lbs / 4014 kg
Chassis Weight w/ Motive & GPU Batteries & Charger ..	9200 lbs / 4173 kg

\*\*Lift Capacity is calculated with 20 in / 51 cm diameter aircraft tire in lift cradle. Aircraft tire center line at 23 in / 58 cm from drive tire center line.

### 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. 5,261,778/5,302,075. Other Patents Pending.