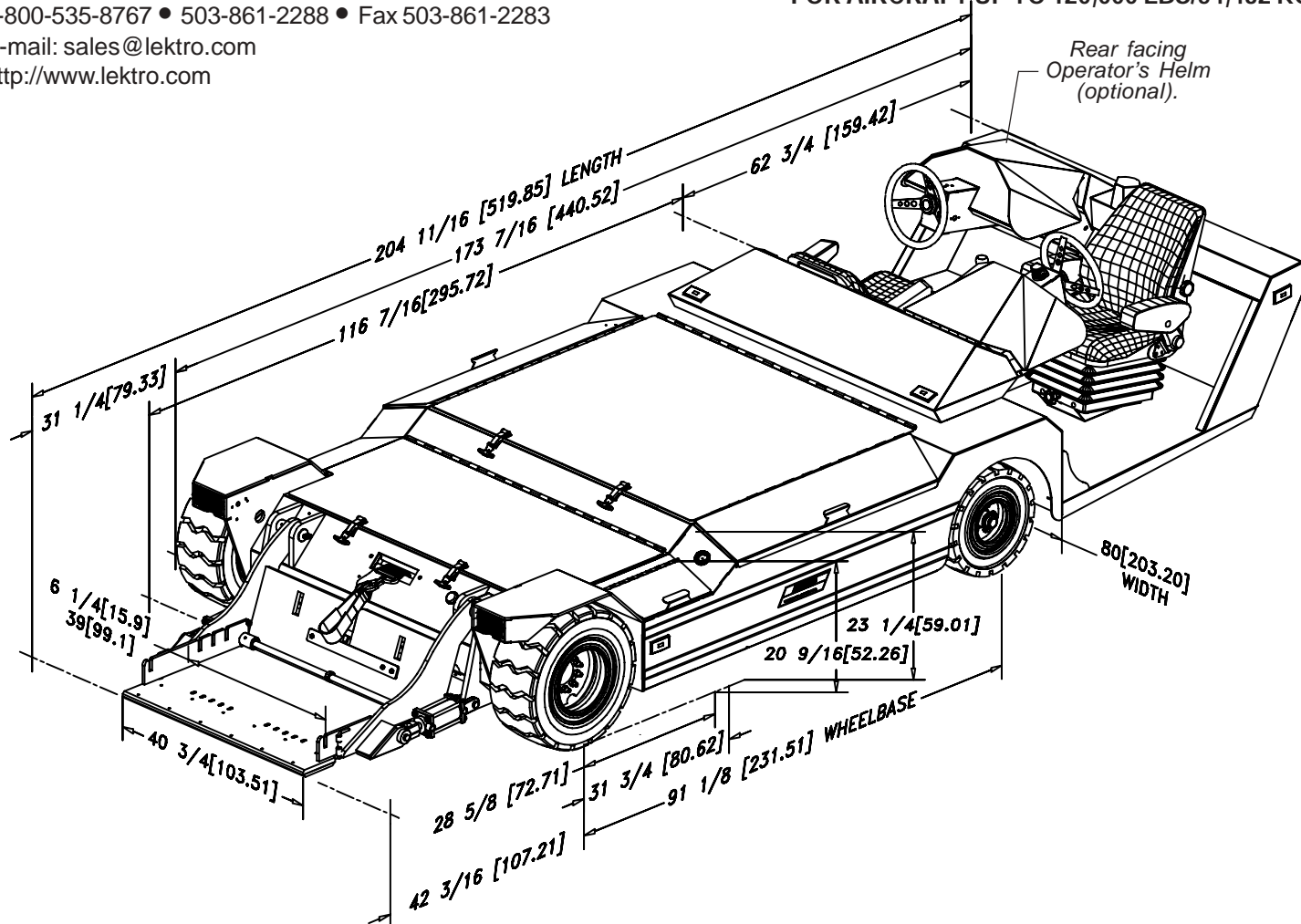


LEKTRO

Model AP8850SDA AIRCRAFT TOWING VEHICLE FOR AIRCRAFT UP TO 120,000 LBS/54,432 KG

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AP8850SDA FEATURES:

Vehicle Drive: Heavy-duty 11 inch frame, 72-volt D.C. Traction Motor coupled direct to drive wheels through high efficiency gearing.

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: Two 36-volt industrial, 550 ampere hour Batteries 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 100 ampere, 220-volt, 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 pump assembly with dual cylinders, and is capable of handling dual and single wheel aircraft.

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. Adjustable 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 and Aft Headlights, independently activated. Six flashing amber Running Lights positioned around tug to illuminate sides and top. Amber Strobe Light mounted center rear.

Seating: Operator and passenger seating, forward facing, constructed of industrial grade, weather resistant materials including armrests and seat belt. Operator's seat features a fully suspended, adjustable setting for height, for/aft and weight. Rear 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 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	5640 lbs / 2558 kg
Chassis Weight w/ Motive Batteries & Charger	9370 lbs / 4250 kg
Chassis Weight w/ Motive & GPU Batteries & Charger ..	9800 lbs / 4445 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, 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.

04/03