LEKTRO

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Model AP8800SDA-EZ
AIRCRAFT TOWING VEHICLE
FOR AIRCRAFT UP TO 90,000 LBS/40,824 KG

AP8800SDA-EZ FEATURES:

Vehicle Drive: 33.1 HP/24.8 kW, 72 VDC Traction Motor mated with Auburn/Dana 44 Differential.

Motor Speed Control: EVT1000LV IGBT with On-Board Diagnostics. Speed controlled by Foot Throttle.

Batteries: Six 12 VDC, 372 AMP-HR Batteries (6 hr rate), wired in series. Single Point Watering System, optional.

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

Motive Battery Charger: External Fully Automatic 40 AMP DC / 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. A Hold Down provision for light-nosed aircraft, Aircraft Selection System and Patented Torque Sensing Turntable Cradle Deck, optional.

Winch: Heavy-duty Hydraulic Winch with Automatic Safety Cut-Off. Winch and Strut Straps included.

Steering: Electric/Hydraulic Power Steering controlled through Automotive-type Tilt Wheel requiring minimal effort with very responsive steering action. Automatic Timer turns off power when tug not in use, increasing battery shift life.

Service Brakes: Foot Operated Hydraulic Disc-Type Service Brakes utilizing the final Wheel Drive Gearing to achieve maximum braking with minimal effort.

Parking Brake: Hand activated Electric Switch controlling Spring Applied/Hydraulic Released Calipers mounted on each Service Brake Disc.

Drive Tires: Single 6.50 x 10 10-ply Pneumatic Traction Tread. Siping, Poly-Foam, Tire Socks and Chains, optional.

Steer Tires: 5.00 x 8 10-Ply Pneumatic Traction Tread mounted to a Fully Suspended Steer Axle. Poly-Foam, optional.

Lighting: Dual LED Headlights with Guards at Cradle End of Tug and Four Amber Reflectors. Dual LED Headlights and Amber Strobe Light at Operator End of Tug, Four Flashing Amber LED Running Lights, Cradle Illumination Light and LED Brake Lights/Turn Signals, optional.

Operator's Compartment: Operator and Passenger Seats, Facing Cradle End of Tug, Industrial Grade, Weather Resistant including Armrests. Seat Belts, Seat Suspension, Dual Facing Operator's Helm and Cab with Heater, Defroster, and Windshield Wipers, optional.

Camera and Monitors: Camera at Aircraft Interface Area, with Color Monitors at "A" and "B" Station, optional.

Construction: Welded Steel Plate and Polymers preserved by Primer and Automotive High-Gloss Red or White Enamel Paint with special protective Polyurethane Coating to prevent rust, scratches and corrosion. Steel Side Rub Rails and Custom colors, optional.

SPECIFICATIONS:

Length	208.2 in / 528.9 cm
Width	80 in / 203.2 cm
Height (At lowest steering tilt setting)	37 in / 94 cm
Turning Radius	180 in / 457 cm
Wheel Base	92.3 in / 234.6 cm
Vehicle Speed, Empty	9 MPH / 14.5 KPH
Vehicle Speed, Loaded (To max. Vehicle Capacity)	4 MPH / 6.4 KPH
**Lift Cradle Capacity	9,000 LBS / 4082 KG
Nose Gear Cradle Lifting Height	9 in / 23 cm
Ground Clearance	5 in / 12.7 cm
Shipping Weight w/o Batteries & Charger	5330 LBS / 2418 KG
Shipping Weight w/ Motive Batteries & Charger	7000 LBS / 3175 KG
Shipping Weight w/ Motive & GPU Batteries & Charger	7350 LBS / 3334 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:

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.
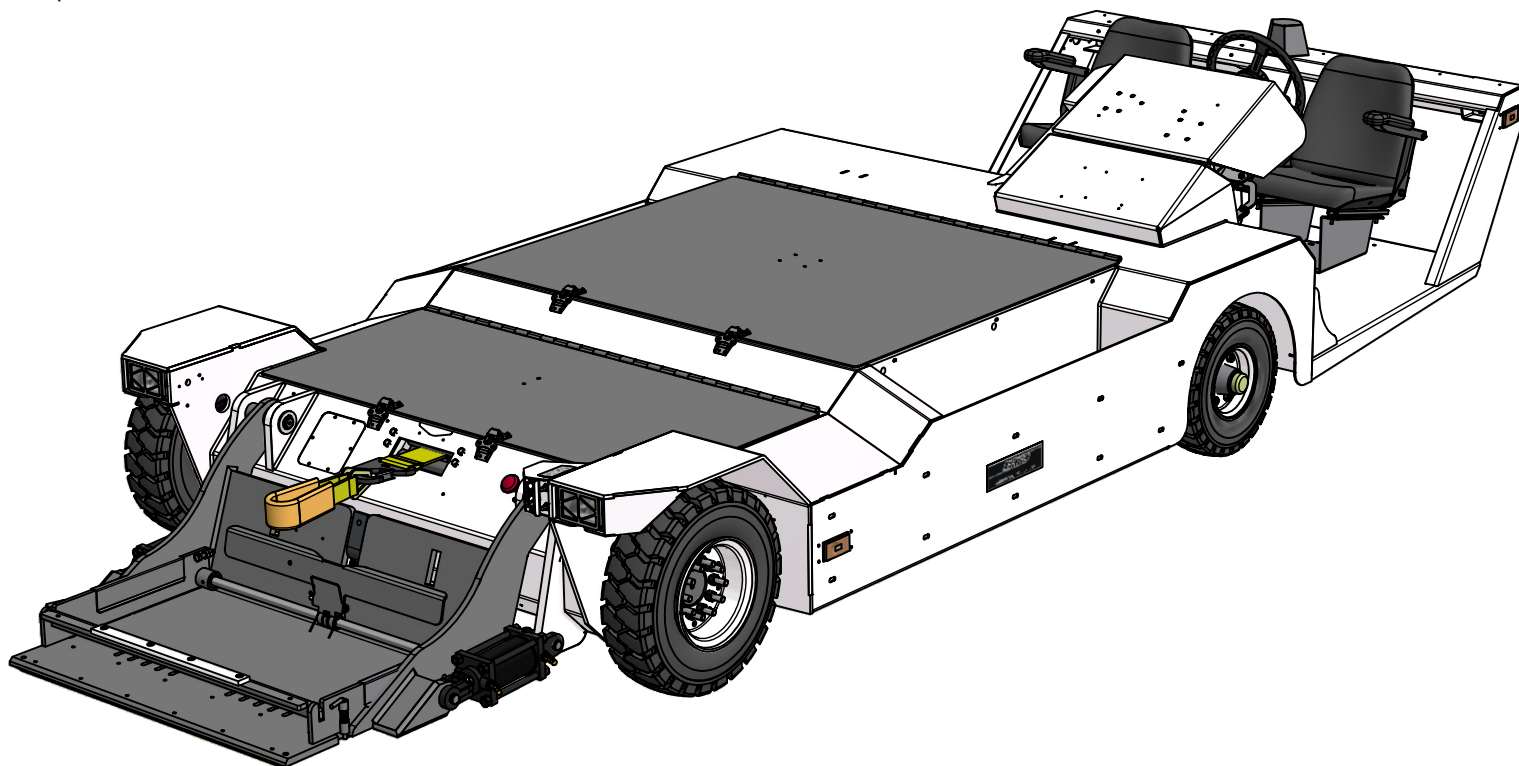PATENT Nos. 5,151,003 / 5,302,075 / 9,067,691.
Other Patents Pending.

02/19

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