

LEKTRO

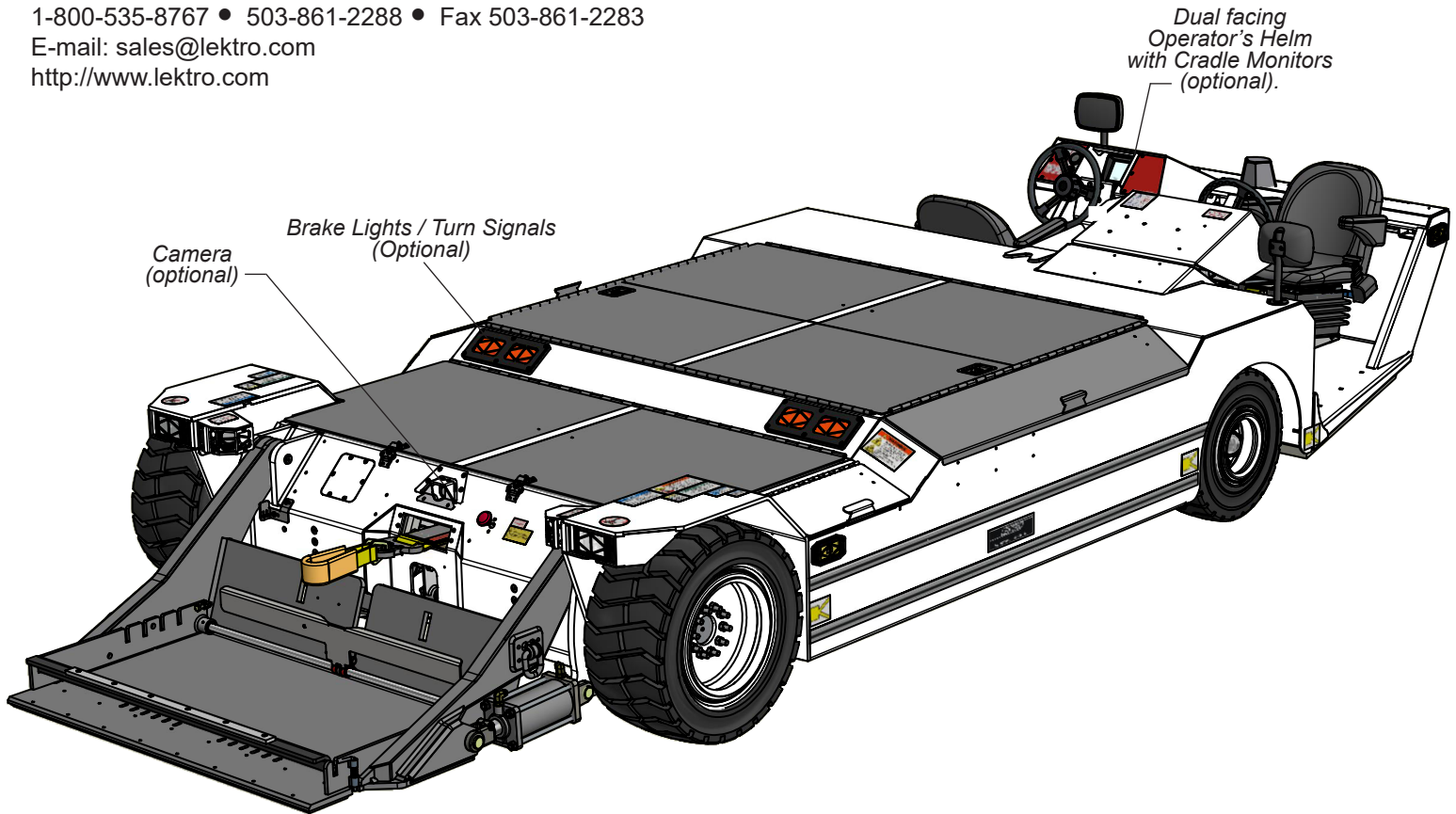
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Model **AP8900SDB** AIRCRAFT TOWING VEHICLE FOR AIRCRAFT UP TO 150,000 LBS/68,040 KG



AP8900SDB FEATURES:

Vehicle Drive: 58.3 HP/45.5 kW, 80 VDC Traction Motor mated with Auburn/Dana 44 Differential.

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

Batteries: Two 40 VDC Industrial, 595 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 120 AMP DC / 208-480 VAC / 50-60 Hz / 3-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. 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. Simple Double Ended Cylinder Steering Axle with Tapered Roller Bearing Kingpins.

Service Brakes: Foot Operated Dual Hydraulic Disc Brakes with Boost Assisted Master Cylinder 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 28 x 12.5-15 Solid-Pneumatic Traction Tread. Siping, Tire Socks and Chains, optional.

Steer Tires: 23 x 9-10 Solid-Pneumatic Traction Tread mounted to a Fully Suspended Steer Axle.

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

Operator's Compartment: Operator and Passenger Seats, Facing Cradle End of Tug, Premium Grade including Armrests (Available in Black or Light Gray). Operator's Seat features a Fully Suspended, Adjustable setting for height, fore/aft and weight. Seat Belts, 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	242.1 in / 615.0 cm
Width	98.4 in / 250.0 cm
Height (At lowest steering tilt setting)	38.9 in / 101.0 cm
Turning Radius	209 in / 531 cm
Wheel Base	115.1 in / 292.3 cm
Vehicle Speed, Empty	8.5 MPH / 13.6 KPH
Vehicle Speed, Loaded (To max. Vehicle Capacity)	4 MPH / 6.44 KPH
**Lift Cradle Capacity	15,000 LBS / 6804 KG
Nose Gear Cradle Lifting Height	11 in / 28 cm
Ground Clearance	5 in / 12.7 cm
Shipping Weight w/o Batteries & Charger	9450 LBS / 4286 KG
Shipping Weight w/ Motive Batteries & Charger	15,000 LBS / 6804 KG
Shipping Weight w/o Motive & GPU Batteries & Charger	15,350 LBS / 6033 KG

**Lift Capacity is calculated with 30 in / 76 cm diameter aircraft tire in lift cradle. Aircraft tire center line at 26 in / 66 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.

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