

LEKTRO

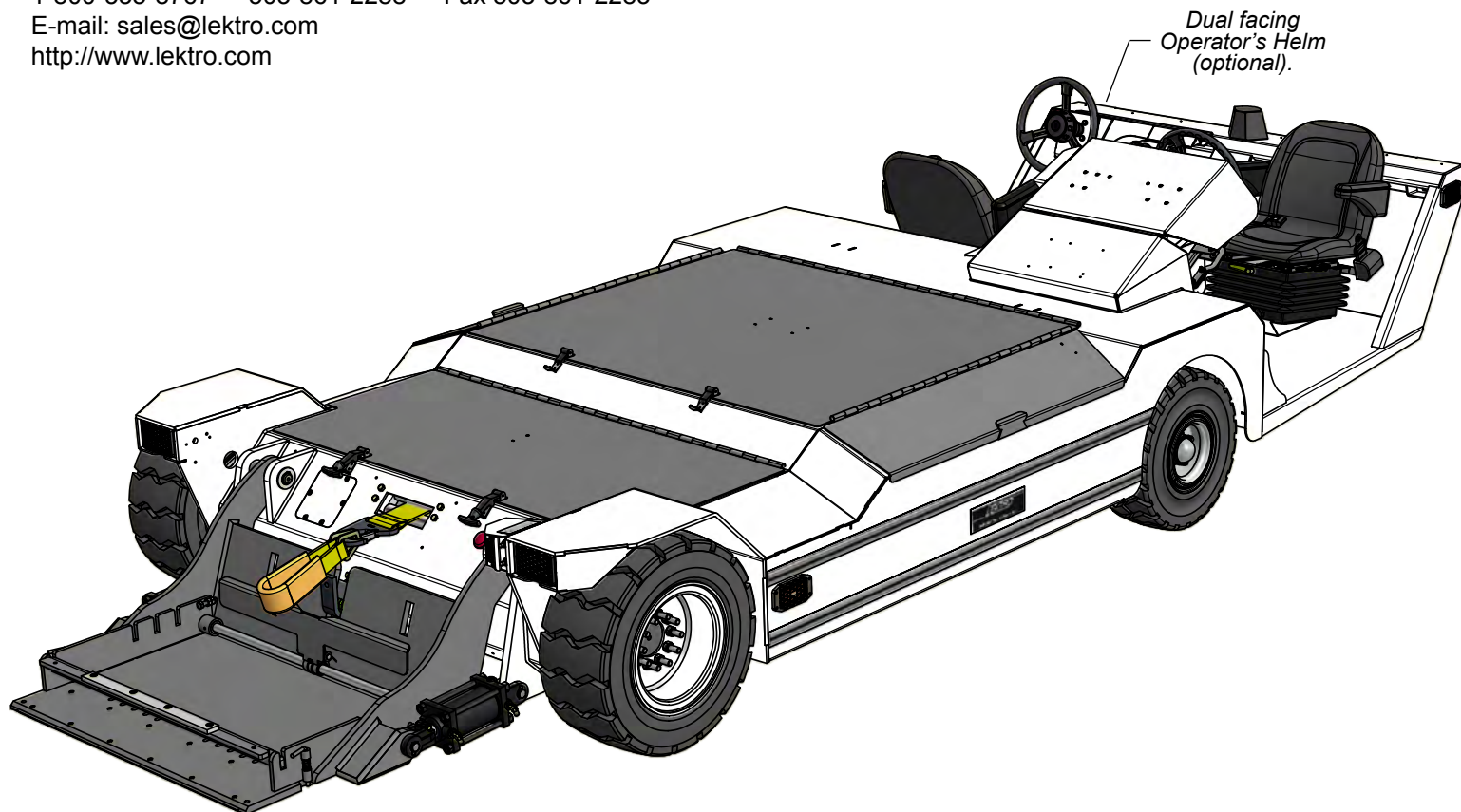
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Model **AP8850SDA** AIRCRAFT TOWING VEHICLE FOR AIRCRAFT UP TO 120,000 LBS/54,432 KG



AP8850SDA FEATURES:

Vehicle Drive: 45.3 HP/33.8 kW, 72 VDC Traction Motor mated with Auburn/Dana 44 Differential. Limited Slip Differential, optional.

Motor Speed Control: EV200ZX SCR with On-Board Diagnostics. Speed controlled by Foot Throttle.

Batteries: Two 36 VDC Industrial, 440 AMP-HR Batteries (6 hr rate), wired in series. 550 AH and 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 90 AMP DC / 208-480 VAC / 60 Hz / 1-PH Charger. 50 Hz, 3-PH, and/or 100 AMP, optional.

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, and 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 23 x 10 x 12 18-ply Pneumatic Traction Tread. Siping, Solid-Pneumatic Tires, Auto Socks and Chains, optional.

Steer Tires: 21 x 8-9 Solid-Pneumatic Traction Tread mounted to a Fully Suspended Steer Axle.

Lighting: Dual Forward and Aft LED Headlights, Four Flashing Amber LED Running Lights and Amber Strobe Light mounted Center Rear. LED Brake Lights/Turn Signals, optional.

Operator's Compartment: Operator and Passenger Seats, Forward Facing, 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:

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|---|----------------------|
| Length | 207.9 in / 528.2 cm |
| Width | 80.7 in / 205.1 cm |
| Height (At lowest steering tilt setting) | 40 in / 103 cm |
| Turning Radius | 180 in / 457 cm |
| Wheel Base | 92.2 in / 234.2 cm |
| Vehicle Speed, Empty | 9 MPH / 14.5 KPH |
| Vehicle Speed, Loaded (To max. Vehicle Capacity) | 4 MPH / 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 |
| Shipping Weight w/o Batteries & Charger | 5330 LBS / 2418 KG |
| Shipping Weight w/ Motive Batteries & Charger | 9300 LBS / 4218 KG |
| Shipping Weight w/ Motive & GPU Batteries & Charger | 9650 LBS / 4377 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.

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