



# EAGLE <sup>e</sup>XL ELECTRIC AIRCRAFT TUGS

## eXL-16

The eXL-16 Electric Aircraft Tug was designed to share the same features and benefits that have made the Eagle eTT Series so popular. These features include All Wheel Drive for traction in all weather conditions, All Wheel Steering for best-in-class maneuverability, a zero-emission electric power train, and unmatched reliability and performance. However, the eXL-16 was designed as a front-operator tow tractor to allow for an operator plus up to two passengers, and allows for an additional battery if needed. The eXL-16 is weighted to handle all regional and business aircraft in all weather conditions.

### Here is what the eXL-16 has to offer:

- 16,800 lbs. GVW to handle aircraft up to 115,000 lbs. MTOW in all weather conditions. (1% grade)
- Zero-emission, energy-efficient 80V A/C electric drive.
- All Wheel Drive power train, providing safe, controlled traction on all surface conditions.
- All Wheel Steering for increased maneuverability of, and around aircraft.
- Front & Rear Inching Switches for 1-man hitching operation.
- Ergonomic front-operator compartment that seats up to 3 people.
- Low-profile design that allows operators to safely and efficiently handle aircraft.
- Designed to allow for a second battery option to handle extreme operating conditions.
- Optional "Smart Charge" battery and charger system that allows the battery to be opportunity-charged to maximize efficiency, with no reduction in battery life-cycle.
- Designed with carefully matched components, resulting in minimal or no unscheduled maintenance or repair, and is backed by an industry leading 3-year/3,000-hr warranty.
- Unparalleled reliability and factory-direct service and support is the Eagle Tugs advantage.
- Eagle Tugs has over 40 years of experience designing, building and supporting reliable tow tractors.



**EAGLE TUGS**  
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Taylor, MI 48180  
800 671 0431 tel  
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[www.eagletugs.com](http://www.eagletugs.com)

### STANDARD FEATURES

80V A/C electric drive  
All Wheel Drive  
All Wheel Steering  
Low profile  
Power steering & braking  
Front & Rear brakes  
Inching feature for easy hitching  
Separate charge receptacle with auto-switching

### RECOMMENDED OPTIONS

"Smart Charge" 625 Amp-hour battery and charger system  
Front & Rear E-hitch  
Custom paint scheme

### TOWABLE AIRCRAFT

For a complete list, please consult an Eagle representative or [eagletugs.com](http://eagletugs.com).



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## EAGLE eXL ALL WHEEL DRIVE AIRCRAFT TUGS

MODEL		eXL-16
PERFORMANCE	Drive Wheels	2 Front / 2 Rear
	Drawbar Pull	12,000 lbf / 54 kN
	Towing Capacity*	155,000 lbs / 70,307 kgs
	Service Weight with Battery	16,800 lbs / 7,620 kgs
	Weight without Battery	12,600 lbs / 5,715 kgs
DIMENSIONS	Length	166 in / 4,216 mm
	Width	72 in / 1,829 mm
	Height (deck)	43 in / 1,092 mm
	Height (Steering Wheel)	53 in / 1,346 mm
	Wheelbase	90 in / 2,286 mm
	Track	63 in / 1,600 mm
	Turning Radius	154 in / 3,912 mm
	Tires (front & rear)	LT245/75R16
	Step Height	19 in / 483 mm
	Ground Clearance	9 in / 228 mm
BODY	Frame	A36 steel: .375-.500 in / 9.5-12.7 mm
	Bumper (front/rear)	A36 steel: 0.5 in / 12.7 mm (front); 3.5 in / 88.9 mm (rear)
TRAVEL	Suspension	Leaf Spring
	Number of Speeds	2 forward / 2 reverse
	Max Speed	12 mph (unloaded) / 19 kph
	Steering	Hydraulic power-assisted - 4-wheel coordinated
	Primary Brakes	Electric Regenerative
	Supplemental Brakes	Hydraulic Wet Disk
	Parking Brake	Mechanical - pinion mounted, dry disc
POWER TRAIN		80V A/C ELECTRIC
SPECS	Traction Motor	Danaher Motion - 80V A/C Brushless
	Output @ 1300 rpm	55 HP / 41 kW (Peak)
	Torque	210 ft lbs / 284 Nm
ELECTRICAL	Lighting	12V LED Long Life
	Instruments	Electronic Display showing speed, battery life, hours and diagnostics
	Hydraulic Pump	80V D/C On-demand, sensor monitored
	Inching Feature	Operator controlled - FWD/REV switch on front & rear

SOLD & SERVICED BY:

\* Normal Operating Conditions - Wet, 1% grade.