



# EAGLE RTT AC ELECTRIC TUGGER

## RTT-50

At the request of a major U.S. auto manufacturer, Eagle Tugs accepted the challenge of creating an industrial tow tractor that would allow them to standardize their global fleet. After years of research and design, with the collaboration of ergonomic and safety engineers and continuous feedback from tow tractor operators world-wide, the Eagle RTT was born. Eagle Tugs proudly introduces this new generation of electric tuggers that are energy efficient, ergonomically correct, and flexible enough to meet material handling needs across multiple manufacturing and distribution platforms.

By choosing the Eagle RTT as the standard for your entire tow tractor fleet, the result is reduced cost of ownership by having one set of replacement parts, fewer maintenance personnel, and reduced operator and maintenance training time.

The RTT was also designed to maximize reliability and reduce unproductive “down-time”. With its solid steel plate construction and its vibration reducing front and rear suspension, the RTT features an unsurpassed 2,000 hour Preventative Maintenance schedule.

Adding to the RTT’s reliability is its high efficiency AC electric drive, which requires no preventative maintenance. When you team this with an Opportunity Rapid Charge battery, the result is a material handling tool with unparalleled productivity that can streamline any operation.

**EAGLE TUGS**  
26111 Northline Rd  
Taylor, MI 48180  
800 671 0431 tel  
734 442 1000 tel  
734 442 1005 fax  
www.eagletugs.com

### EFFICIENT

- 80 Volt AC Drive—4th Generation AC, solid state, with closed loop digital controls
- AC Brushless Motor—Eliminates Preventative Maintenance
- 500 AH Opportunity Rapid Charge capable
- Regenerative Braking which helps increase battery life
- Familiar Automotive Controls reduces training time

### FLEXIBLE

- Stand-up or Sit-down Operation
- SAE rated 50,000 lb. towing capacity
- Solid Steel Plate Construction lengthens operational life
- Optional Front and Rear Hitch
- 2,000 Hour/1 year Preventative Maintenance Interval
- System Diagnostics available using standard display

### ERGONOMIC

- Accommodates 5th and 95th Percentile
- Unobstructed 7" Step-in Height from either side
- 30" Operator Compartment
- Multi-position Steering Wheel
- Horizontal and Vertical Adjusting Stand-up/Sit-down Seat
- Front and Rear Suspension dampens operator and component vibration.

### SAFE

- Re-gen Braking activated as soon as throttle is released
- Mechanical Parking/Emergency Brake standard
- Speed Controls for Loaded and Unloaded operation
- 14" x 23" Floor Pad Safety Switch
- UL583 and ANSI B56.9 compliant





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## EAGLE RTT AC ELECTRIC TUGGER

	MODELS	RTT-50
WEIGHTS	Drive Wheels	2
	Weight	7,250 lbs. / 3,289 kg
	Drawbar Pull	4,000 lbf / 18 kN
	Towing Capacity*	50,000 lbs / 22,680 kg
DIMENSIONS	Length (without hitches)	113.5 in / 2,883 mm
	Width	48 in / 1,219 mm
	Height	41 in / 1,041 mm
	Wheelbase	59.5 in / 1,511 mm
	Turn Radius (outside)	80 in / 2,032 mm
	Step Height	7 in / 178 mm
	Operator Compartment	30 in / 762 mm
OPERATION	Speed	Programmable - Loaded & Unloaded
	Seat	Sit Down
	Suspension	Front - Coil Spring; Rear - Coil Spring
	Steering	14 in / 457 mm Automotive Steering Wheel, Tilt Adj. - Center point, power steering
	Service Brakes	Primary - Regenerative; Secondary - Wet disk
	Parking Brakes	Cam actuated wet disk
DRIVE TRAIN	Tires (drive)	7.00 X 12 Soft Shoe
	Motor	Schabmueller 80 V AC Brushless / 40 hp / 30 kW (peak)
	Drive	Danaher Motion ACS Traction Drive - 80 V AC
	Master Controller	Danaher Motion - 4th Generation Vehicle Master Controller
SAFETY	Lights (12 VDC - Isolated)	Front Headlight; Optional Pole Mounted Strobe and Tail/Brake Light
	Instruments	Display showing Speed, Battery Life, Hours & Diagnostics.
	Performance Specification	B56.9
	Safety Specification	UL583

\* Normal Operating Conditions - 70% Surface Efficiency, 0% Grade.

**SOLD & SERVICED BY:**

### EAGLE RTT AC ELECTRIC TUGGER FEATURES

#### STANDARD FEATURES

- Sit Down Operation
- 80V AC Electric Drive
- Opportunity Rapid Charge Battery (Sold Separately)
- Display Showing Speed, Battery Life, Hours & Diagnostics
- Front and Rear Suspension
- Secondary Hydraulic Brake System
- 2000 hr. Preventative Maintenance

#### RECOMMENDED OPTIONS

- Break-away Pole-mounted Strobe with Tail/Brake Lights
- Front and Rear E-Hitches with Remote Release