



TC-50E

- **80 Volt AC Powered Tractor**
- 15 mph. (24 km/h) max speed
- 144 in. (365.7 cm) turning radius
- 60,000 lb. towing capacity*



Options Shown: Steel Cab, Doors, Windshield Wiper and Strobe Light

HEAVY DUTY ELECTRIC TOWING SOLUTIONS



The TC-50E is an 80 volt AC powered tractor, capable of towing 60,000 pounds. This tractor is equipped with a Parallel Motor drive axle, 26.8 HP motor and is capable of 15 miles per hour. Four wheel hydraulic braking system and Hydrostatic Power steering, coupled with 144 inch turning radius make this tow tractor an exceptionally maneuverable machine. The TC-50E is equipped with rear control buttons for inching up to intended loads. Optional steel cab, steel doors and cabin heater make cold and rainy days comfortable. A self diagnostic AC speed controller with a brushless AC drive system ensures the least amount of downtime.

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SPEED	15.0 mph	24 km/h
SYSTEM VOLTAGE	80 Volt	
TURNING RADIUS	144 in	365.7 cm
OVERALL LENGTH	136 in	345.4 cm
OVERALL WIDTH	56.2 in	142.7 cm
OVERALL HEIGHT (- cab)	55.0 in	139.7 cm
OVERALL HEIGHT (+ cab)	74.6 in	189.4 cm

*** Based on Standard Configuration**

Actual towing capacity is dependent on application, vehicle configuration, ballast weight, and operating environment.

Note: Photos are shown with optional features.

FEATURES & BENEFITS:

- Hydrostatic power steering
- Manual inching
- Adjustable steering column
- Adjustable seats
- AC Power
- Self Diagnostic Controller



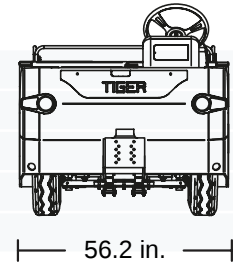
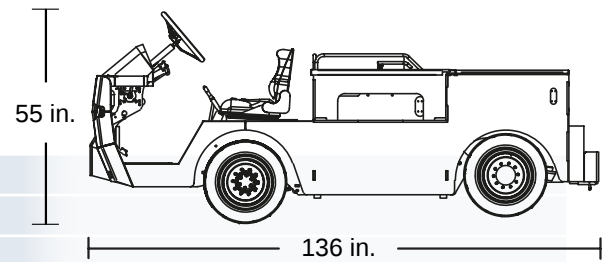
TC-50E 80 Volt AC Tractor

PERFORMANCE

DRAWBAR PULL	5,000 lbs (2,268 Kg)	22.2 kN
MAX SPEED (UNLOADED)	15 mph	24.1 Km/h
TURNING RADIUS	144 in	431.8 cm

DIMENSIONS

LENGTH	136 in	345.4 cm
WIDTH	56.2 in	142.7 cm
HEIGHT (less cab)	55.0 in	139.7 cm
HEIGHT (with cab)	76.4 in	194.0 cm
BATTERY COMPARTMENT	34.5"L X 41.5"W X 31"H	



GENERAL

UNIT WEIGHT (lbs. / kg.)	5,000 / 2,268 Without Battery
TIRES	175/80D13, 8-Ply Rated Pneumatic, One-piece Rims, All Same Size
SEAT	Driver Suspension Seat with Interlock, Adjustable
INSTRUMENTATION	Emergency Power Cut-off Switch, Horn, Graphic Status Display, Hour Meter, Hi-Low Speed Selector, Vehicle Speed Indicator
COLOR	White

POWER SUPPLY / DRIVE TRAIN

MOTOR	26.8 HP (20 Kw) S2 Rating, Fully Enclosed, Brushless, AC, 60 HP / 5 Minute Rate
CONTROLLER	Self Diagnostic AC Speed Controller with Full Graphics Status Display, Hi-Low Speed Selector, Rear Mounted Inching Control
BATTERY	Less Industrial Battery, EBC 320 Connector, 25 Inch Lead, Position D, Compartment Size 34.5" L x 41.5" W x 31" H

CHASSIS

FRAME	HD Unitized Steel Frame, 1/2 inch Thick Front Cowl, Side and Rear Panels
STEERING	Full Power Hydrostatic
DRIVE AXLE	Parallel Motor Drive Axle
BRAKES	Front Hydraulic Disc, Rear Wet Disc, Manual Parking Brake with Interlock

ELECTRICAL

ELECTRICAL SYSTEM	80V
ELECTRICAL COMPONENTS	Hi-Low Beam Headlights, LED Tail Lights, Brake and Reverse Lights, Directional Signals with Hazard Flashers, Reverse Alarm, Powered by DC-DC Converter

COOLING SYSTEM

MOTOR	Passive Cooling, no fans
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CONFORMANCE STANDARDS

This vehicle conforms to applicable sections as described in O.S.H.A. Standard Section 1910.178 (Powered Industrial Trucks) and with all applicable portions of the American National Standard for Operator Controlled Industrial Tow Tractors (ANSI B56.9).

OPTIONS

- OVERHEAD GUARD
- HEATER / DEFROSTER
- 775 AMP HIGH CAPACITY BATTERY
- WINDSHIELD WIPER
- STEEL CAB
- STEEL DOORS
- FIRE EXTINGUISHER
- BEACON OR STROBE LIGHT
- SEAT BELTS
- VARIOUS HITCHES
- FOAM FILLED TIRES
- CUSTOM PAINT COLOR



Specifications, standard equipment, accessories and modifications are subject to change without notice.