



TC-50E

- 80 Volt AC Powered Tractor
- 15 mph (24 km/h) max speed
- 144 in (366 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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SYSTEM VOLTAGE	80 volt	
SPEED	15 mph	24 km/h
TURNING RADIUS	144 in	366 cm
OVERALL LENGTH	136 in	345 cm
OVERALL WIDTH	56 in	143 cm
OVERALL HEIGHT (- cab)	55 in	140 cm
OVERALL HEIGHT (+ cab)	75 in	189 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

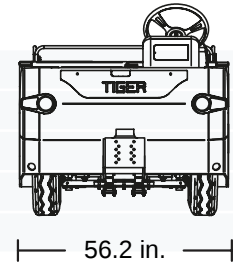
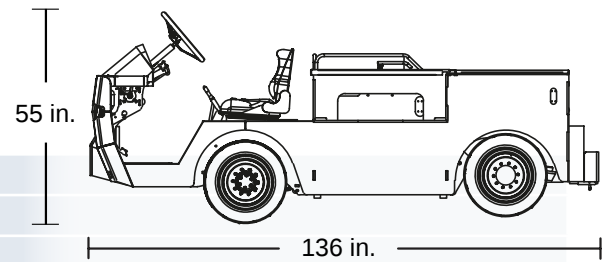
TC-50E 80 Volt AC Tractor

PERFORMANCE

DRAWBAR PULL	5000 lb (2268 kg)	22.2 kN
MAX SPEED (UNLOADED)	15 mph	24 km/h
TURNING RADIUS	144 in	366 cm

DIMENSIONS

LENGTH	136 in	345 cm
WIDTH	56 in	143 cm
HEIGHT (less cab)	55 in	140 cm
HEIGHT (with cab)	76 in	194 cm
BATTERY COMPARTMENT	34.5"L X 41.5"W X 31"H	



GENERAL

UNIT WEIGHT (lb/kg)	5000/2268 (without battery)
TIRES	23x10-12, 16-ply rated pneumatic, snap ring rim
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.