



# 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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<b>SYSTEM VOLTAGE</b>	80 volt	
<b>SPEED</b>	15 mph	24 km/h
<b>TURNING RADIUS</b>	144 in	366 cm
<b>OVERALL LENGTH</b>	136 in	345 cm
<b>OVERALL WIDTH</b>	56 in	143 cm
<b>OVERALL HEIGHT (- cab)</b>	55 in	140 cm
<b>OVERALL HEIGHT (+ cab)</b>	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:

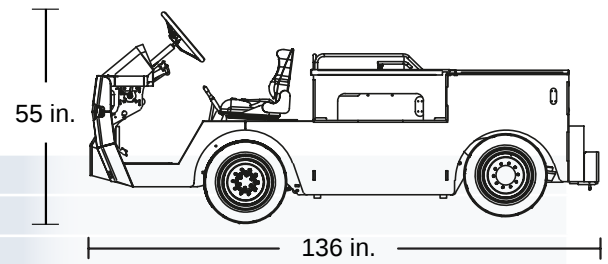
- Hydrostatic power steering
- Manual inching
- Adjustable steering column
- Adjustable seats
- AC Power
- Self Diagnostic Controller



# TC-50E 80 Volt AC Tractor

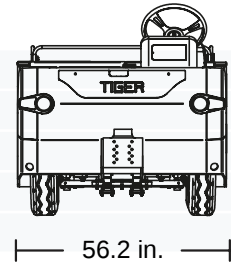
## PERFORMANCE

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



## DIMENSIONS

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



## GENERAL

<b>UNIT WEIGHT ( lb/kg)</b>	5000/2268 (without battery)
<b>TIRES</b>	175/80D13, 8-ply rated pneumatic, one-piece rims, all same size
<b>SEAT</b>	Driver suspension seat with interlock, adjustable
<b>INSTRUMENTATION</b>	Emergency power cut-off switch, horn, graphic status display, hour meter, hi-low speed selector, vehicle speed indicator
<b>COLOR</b>	White

## POWER SUPPLY / DRIVE TRAIN

<b>MOTOR</b>	26.8 hp (20 kW) S2 rating, fully enclosed, brushless, AC, 60 hp / 5 minute rate
<b>CONTROLLER</b>	Self diagnostic AC speed controller with full graphics status display, hi-low speed selector, rear mounted inching control
<b>BATTERY</b>	Less industrial battery, EBC 320 connector, 25 inch lead, position D, compartment size 34.5" L x 41.5" W x 31" H

## CHASSIS

<b>FRAME</b>	HD unitized steel frame, 1/2 inch thick front cowl, side and rear panels
<b>STEERING</b>	Full power hydrostatic
<b>DRIVE AXLE</b>	Parallel motor drive axle
<b>BRAKES</b>	Front hydraulic disc, rear wet disc, manual parking brake with interlock

## ELECTRICAL

<b>ELECTRICAL SYSTEM</b>	80V
<b>ELECTRICAL COMPONENTS</b>	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

<b>MOTOR</b>	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.