

Replaces all previous versions

Effective 1st February 2006

TAYLOR DUNN - *Electric Towtractor* **TIGER TC-30/50**

TIGER TRACTOR



Standard Product Features:

- Robust unibody frame
- Heavy duty front & rear plates
- Ecostar AC drive system
- Four wheel brakes
- All wheel suspension
- Recessed head lights
- Combination brake & tail lights
- Multiple function display
- Battery charger indicator
- Battery fault indicator
- Driver bucket type seat
- Non slip surface on floor boards
- Quality paint finish

TC-30/50E

AC Electric Tow Tractor

The AC Electric Tow Tractor features the Ecostar AC drive system. The low profile and compact design is available with 3,000 to 5,000 lbs (1,361 to 2,268 kgs) drawbar pull. The tractor provides excellent visibility and ergonomics for optimal driving capability. The tractor provides steel unibody frame construction for durability and reliability. An enclosed cab and other options are available.

All prices/specifications subject to change without notice.

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TAYLOR DUNN - Electric Towtractor

TC-30/50

Product Specification TC-30/50E

Specifications are subject to change without notice

Model	DBP	GVW
TC-30E	3,000 lbs. (1,361 kgs.)	4,200 lbs. (1,905 kgs.)
TC-40E	4,000 lbs. (1,814 kgs.)	5,500 lbs. (2,496 kgs.)
TC-50E	5,000 lbs. (2,268 kgs.)	6,800 lbs. (3,085 kgs.)

Dimensions:

Length (less coupler)	112.0" (2,845 mm)
Width	52.0" (1,321 mm)
Height (less cab)	49.5" (1,257 mm)
Height (with cab)	80.0" (2,032 mm)
Wheelbase	58.5" (1,486 mm)
Ground Clearance	7.5" (191 mm)

Turning Radius:

Two wheel steer	115.0" (2,921 mm)
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Frame:

Type	Unibody steel frame construction with heavy duty front & rear plates
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Drive System:

Type	Ecostar 80V AC, integrated motor/axle power train system
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Motor:

Type:	Ecostar
	40 HP (30 kW) peak power system
	24 HP (18 kW) peak power system

Steer Axle:

Type	Heavy duty steer axle with knuckles & arms
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Drive Axle:

Type	Ecostar differential drive axle
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Suspension:

Front	Leaf springs
Rear	Coil spring, shock dampened

Tires:

Front	6.00 x 9 - load range E
Rear	8.00R16.5 - load range D

Steering System:

Type	Hydrostatic steering system with steering wheel, column & hydraulic valve connected to a power cylinder on the front steer axle
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Braking System:

Type (Service)	Brake pedal & linkage connected to a power booster & master cylinder with dual (split) ports connected to front dry disc & rear wet disc brakes (brakes with intelligent dynamic regenerative braking)
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Type (Park)

Lever operated independent park brake

Electrical System:

Type	12 volt negative ground for vehicle accessories
Lighting	Head lights, brake/tail lights, reverse/backup lights & turn signal lights
Warning	Horn (steering wheel button)

Instrument Panel:

Switches	Master "ON/OFF" switch, head light switch & turn signal switch
Gauges	Diagnostic gauge for state of battery charge, fault codes & hour meter

Controls:

Pedals	Brake pedal (mechanical applied) Accelerator pedal (mechanical/electrical applied)
Levers	Directional control lever (mechanical/electrical applied) Park brake lever (mechanical applied)

Seat:

Standard	Driver black vinyl covered bucket type seat
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Hitch:

Standard	Rear "E" hitch, spring loaded
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Options:

Cab	Overhead guard
Heater & defroster	Beacon light
Inching controls	Backup alarm
Passenger seat	Seat belts
Fire extinguisher	Additional hitches
Custom painting	

Other options available upon request

Battery: (Battery sold separate)

	500 AH 80V DC wet cell battery
	620 AH 80V DC wet cell battery
	480 AH 80V gel cell battery (sealed)
(Battery weight is approximately 3500 lbs. (1,591 kgs.))	

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