

LARGE TOW TRACTOR



HEAVY-DUTY GROUND SUPPORT

- ▶ 44100 - 55100 lb. Towing Capacity
- ▶ 80-Volt AC Drive System
- ▶ 15.6 - 17.5 mph Travel Speed Without Load
- ▶ Tight Turning Radius



2TE15 | 2TE18



IT'S BIG ON

THE TOYOTA LARGE TOW TRACTOR. Generous pulling power, miserly operating expense. With that combination, it's no wonder aviation professionals are big on the Toyota Large Tow Tractor. 55000-plus pounds of towing power and an extremely tight turning radius suit it for heavy-duty towing operations in crowded, busy environments. Clean 80-Volt AC Power makes it ideal for budget-conscious environments — and *the* environment, too.

LARGE TOW TRACTOR ADVANTAGES

- ▶ **80-VOLT AC DRIVE SYSTEM** powerful enough to haul large loads at high speeds over long distances, and up steep ramps and grades
- ▶ **ENORMOUS 44100 – 55100 LB. TOWING CAPACITY**
- ▶ **SINGLE-PIN DRAWBAR QUICK-RELEASE** lets operator release carts without leaving seat, streamlining work operations
- ▶ **TIGHT TURNING RADIUS** advantageous for cramped, busy work environments
- ▶ **INSET HEADLIGHTS & HIGH-MOUNTED TAIL LAMPS** for better protection and longer lifespan
- ▶ **BACKLIT LIQUID CRYSTAL MULTIFUNCTION DIGITAL DISPLAY** with a broad range of programmable functions
- ▶ **HYDRAULIC POWER STEERING** with cylinder and mechanism mounted within vehicle frame to guard against common obstacles in harsh work terrains
- ▶ **QUICK ACCELERATION** to reach higher speeds faster
- ▶ **RUGGED UNIBODY WITH BOLT-ON COUNTERWEIGHT** for the toughest worksite applications
- ▶ **INDUSTRIAL FRONT AXLE** for longer-lasting steering components
- ▶ **ERGONOMIC OPERATOR COMPARTMENT** designed with end user comfort and enhanced visibility of meters and gauges in mind



PULL

UP TO **55100** LB.
TOWING CAPACITY

UP TO **17.5** MPH
TRAVEL SPEED WITHOUT LOAD



LARGE TOW TRACTOR

TOWING CAPACITY

44100 – 55100 LBS.

MAXIMUM DRAWBAR PULL

4000 LBS.

VOLTAGE

80

INDUSTRIES



Airport



Factory



General
Manufacturing



Oil & Gas

STANDARD FEATURES

PERFORMANCE

- 80-Volt AC drive system
- 15.6/17.5 mph no load travel speed (2TE15/18)
- Hydraulic power steering
- 2-speed travel speed control
- Power select function
- Onboard diagnostic & warning system
- Automatic regenerative braking
- Front leaf spring suspension
- Fixed rear axle

SERVICEABILITY

- Easy access for all maintenance items
- Battery hood assist damper with lock device

ERGONOMICS

- Infinitely adjustable tilt steering wheel
- Enhanced visibility of rear hitch
- Dual action parking brake
- Column-mounted display & direction control
- Low entry step height
- Driver's side grab bar
- Vinyl heavy-duty seat
- Cupholder
- OPSS indicator
- Multifunction display includes:
 - Battery capacity indicator
 - Speedometer
 - 2-speed travel control indicator
 - Parking brake indicator
 - Power select function indicator
 - Battery overdischarge warning
 - Battery remaining charge warning
- Overheat warning
- Parking brake on/off alarm
- Return to neutral warning
- Travel speed alarm
- Diagnostic indicator
- 5-function trip & hour meter
- Calendar & clock

DURABILITY

- Steel unibody construction
- DC-DC converter
- Easy access service compartments
- Tight turning radius
- Industrial front axle
- Front radial, rear bias ply tires
- Rear single-stage pin-type hitch with remote release

SAFETY

- Operator Presence Sensing System (OPSS)
- Electric horn
- Parking brake alarm
- Asbestos-free components
- Front disc/rear drum hydraulic brakes
- Emergency power disconnect
- Anti-rollback function
- UL-approved model type "E"¹ (2TE15 only)

OPTIONAL EQUIPMENT

- Battery side extraction²
- Left & right hand detection switch (push forward for forward)
- GSE-style direction switch (pull back for forward)
- Rear fender-mounted battery connector with quick release
- Rear combination lights
- Turn signal lights
- Rear work light
- Back up alarm
- Front headlights
- Keyless key switch
- Rearview mirrors (right & left sides)
- Tow hitch view mirror
- Passenger seat
- Passenger side grip
- Bumper (front, side & rear)^{2,3}
- Document box on dash
- Auxiliary load platform on battery compartment lid
- Special paint (one or two color)⁴
- Heater with defroster (HOOE only)
- Steel cabin with doors
- Steel sunshade cabin (front, top & rear glass, no doors)
- Rearview mirror (center, cabin only)
- Rear double-stage pin-type hitch
- Front single pin-type hitch
- Holland EH-60, CP-400-CA or CP-400-GSE hitches (remote release is removed)⁶
- Delete standard hitch & release
- Operators' manual (second set)⁵
- Repair manual (one or two sets)

¹ Model 2TE18 isn't UL conforming & is available by special order only — please contact TMHU.

² Contact your local dealer for more information on bumper availability.

³ Must order front & side bumpers as a set.

⁴ Please provide paint map & sample paint codes/colors (subject to approval).

⁵ One copy of the operators' manual & the parts manual is included with the truck.

⁶ Order through MODS department.

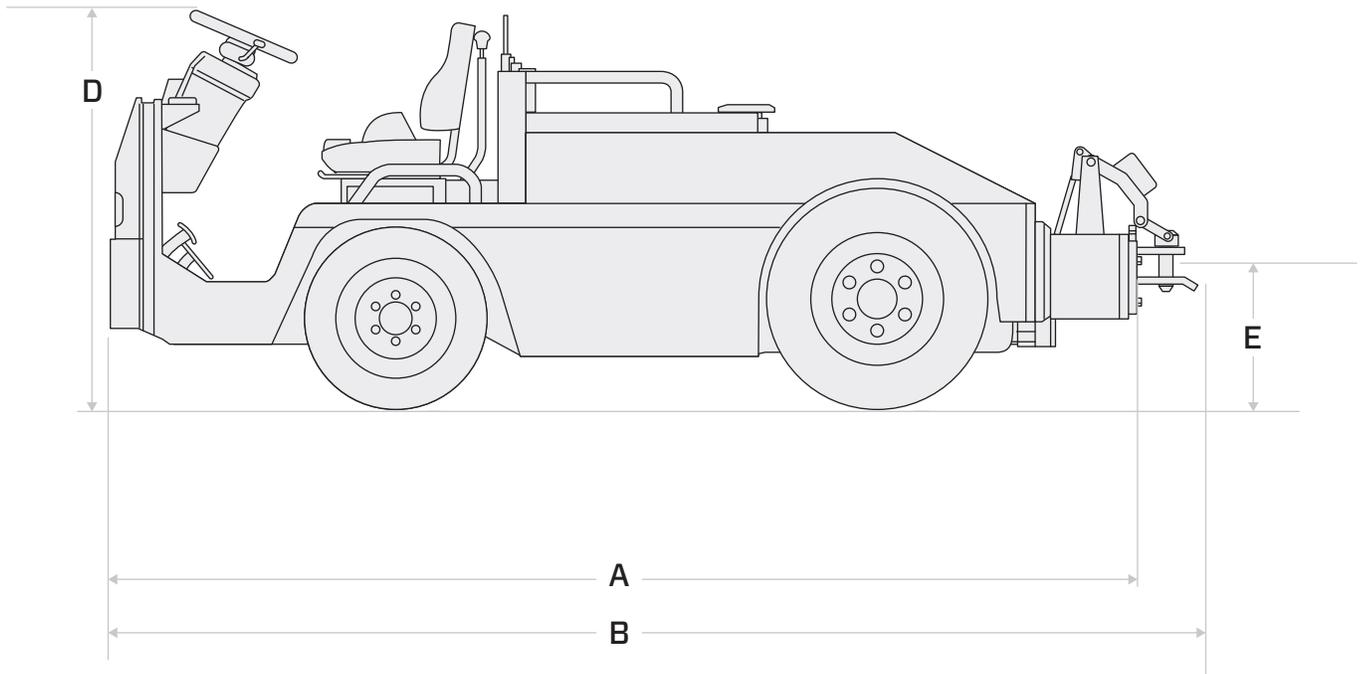
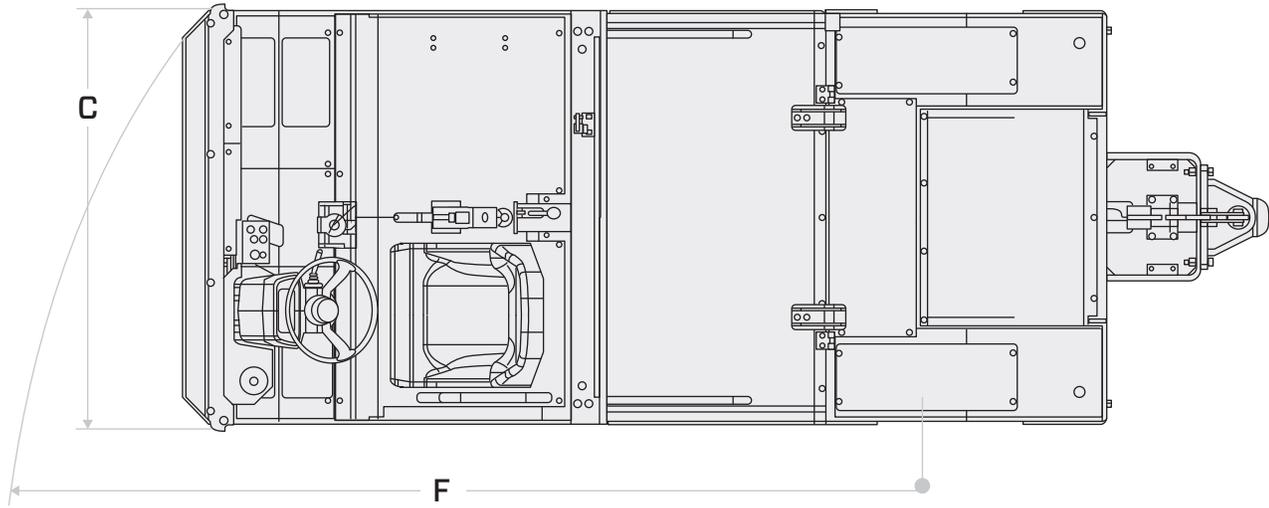
TRUCK SPECIFICATIONS

MODEL NUMBERS

GENERAL DATA				2TE15	2TE18
Maximum Drawbar Pull		lb (kg)		3300 (1500)	4000 (1800)
Power Type				Electric	Electric
Operator Position				Seated Rider	Seated Rider
Tire Type	Front / Rear		Pneumatic		Pneumatic
Wheels (x = driven)	Front / Rear		2 / 2x		2 / 2x
EXTERIOR DIMENSIONS				2TE15	2TE18
A Overall Length	Without Hitch		in (mm)	133.7 (3395)	133.7 (3395)
	With Hitch		in (mm)	142.3 (3615)	142.3 (3615)
C Overall Width			in (mm)	55.9 (1420)	55.9 (1420)
D Overall Height	Without Cabin		in (mm)	50.4 (1280)	50.4 (1280)
	Standard Hitch		in (mm)	17.7 (450)	17.7 (450)
E Drawbar Height			in (mm)	17.7 (450)	17.7 (450)
F Turning Radius (outside)			in (mm)	129.7 (3295)	129.7 (3295)
PERFORMANCE DATA				2TE15	2TE18
Speeds	Maximum Travel	No Load	mph (km/h)	15.6 (25)	17.5 (28)
Towed Weight (60-minute rating)		Maximum	lb (kg)	44100 (20000)	55100 (25000)
Rated Drawbar Pull (60-minute rating)			lb (kg)	880 (400)	1100 (500)
Gradeability ¹		Maximum	%	26	26
TRUCK WEIGHTS				2TE15	2TE18
Total Weight (without cabin)	Without Battery		lb (kg)	4190 (1900)	4960 (2250)
	With Standard Battery		lb (kg)	6730 (3050)	7495 (3400)
Weight Distribution (with standard battery)	Front		lb (kg)	3240 (1470)	3152 (1430)
	Rear		lb (kg)	3490 (1580)	4343 (1970)
TIRES				2TE15	2TE18
Tires	Number (front / rear)			2 / 2	2 / 2
	Size	Front		165R13-8PR (LT)	175R13-8PR (LT)
		Rear		7.00-12-12PR (I)	28 x 8-15-12PR (I)
Wheelbase		in (mm)		63.0 (1600)	63.0 (1600)
Tread Width	Front		in (mm)	46.3 (1175)	46.3 (1175)
	Rear			43.7 (1100)	43.7 (1100)
Underclearance		in (mm)		5.9 (150)	5.9 (150)
Brake Type (front / rear)				Disc / Drum	Disc / Drum
Brake System	Service (foot)		Tandem Hydraulic		Tandem Hydraulic
	Parking (hand)		Mechanical-Double Action		Mechanical-Double Action
POWER SYSTEM				2TE15	2TE18
Battery	Voltage		V	80	80
Battery Capacity (6-hour rating)	Minimum		Ah	425	425
	Maximum		Ah	550	550
Battery Manufacturer				Exide	Exide
Battery Type	Minimum			40E85-11	40E85-11
	Maximum			40E110W-11	40E110W-11
Drive Motor				TOYOTA	TOYOTA
Drive Motor Type				AC	AC
Drive Motor Output Rating				15.8 / 11.8	22.3 / 16.6
Controller Type				Transistor Inverter	Transistor Inverter
Suspension Type	Front		Leaf Spring		Leaf Spring
	Rear		Rigid		Rigid
Steering Type				Hydraulic Recirculating Ball	Hydraulic Recirculating Ball

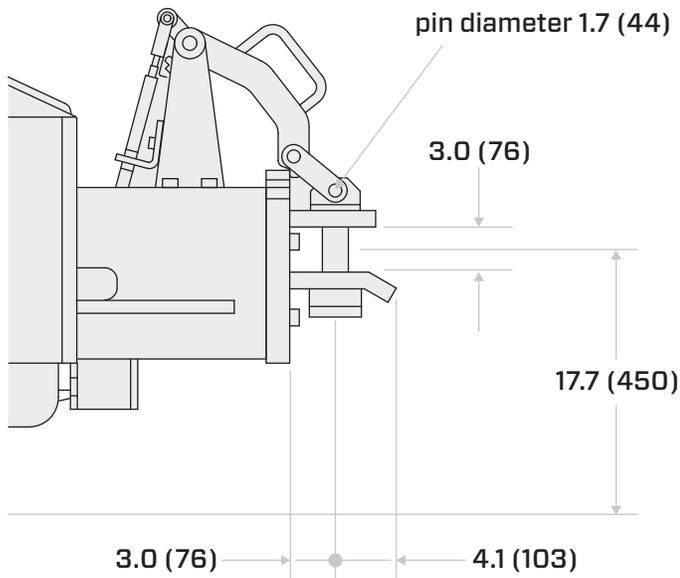
¹ Computed values.

EXTERIOR DIMENSIONS

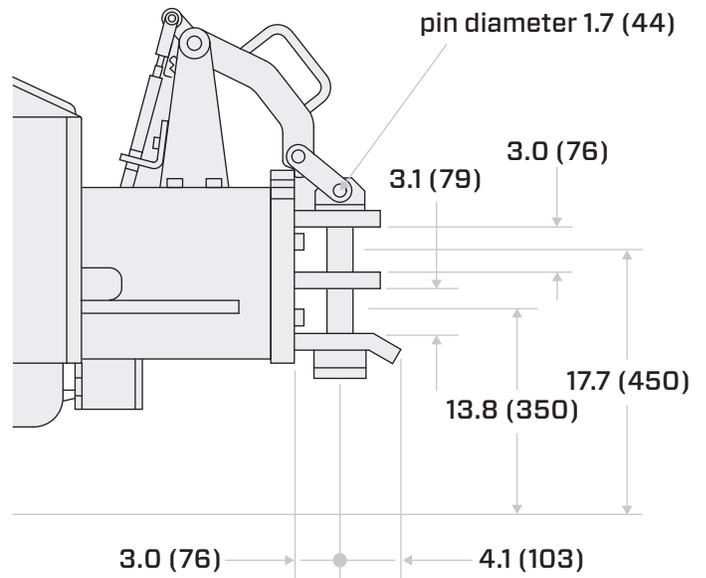


DRAWBAR DIMENSIONS

SINGLE-STAGE DRAWBAR (STANDARD)



DOUBLE-STAGE DRAWBAR (OPTION)



Measurements shown in inches (millimeters).

TOWED WEIGHT CHART

RAMP DEGREE	RAMP GRADE	LEVEL START WITH ONE TRAILER	START ON GRADE WITH ONE TRAILER
	%	lb (kg)	lb (kg)
2TE15			
0	0.0	44100 (20000)	—
1	1.7	44100 (20000)	37700 (17100)
2	3.4	44100 (20000)	29300 (13300)
3	5.2	40800 (18500)	23800 (10800)
4	6.9	31500 (14300)	19600 (8900)
5	8.7	25400 (11500)	16500 (7500)
6	10.5	20700 (9400)	14100 (6400)
7	12.2	17400 (7900)	12100 (5500)
8	14.0	14800 (6700)	10400 (4700)
9	15.8	12600 (5700)	9000 (4100)
10	17.6	10800 (4900)	7900 (3600)

RAMP DEGREE	RAMP GRADE	LEVEL START WITH ONE TRAILER	START ON GRADE WITH ONE TRAILER
	%	lb (kg)	lb (kg)
2TE18			
0	0.0	55100 (25000)	—
1	1.7	55100 (25000)	45400 (20600)
2	3.4	55100 (25000)	35500 (16100)
3	5.2	49200 (22300)	28900 (13100)
4	6.9	38100 (17300)	23900 (10800)
5	8.7	30600 (13900)	20100 (9100)
6	10.5	25100 (11400)	17200 (7800)
7	12.2	21200 (9600)	14800 (6700)
8	14.0	18100 (8200)	12800 (5800)
9	15.8	15400 (7000)	11200 (5100)
10	17.6	13400 (6100)	9700 (4400)

Based on dry even concrete (coefficient of rolling resistance = 0.02).
Towed weight is the same for two or more trailers.



COUNT ON THE LEADER

- ▶ Toyota leads in quality, durability, reliability and value, thanks to advanced technology and the world-renowned Toyota Production System.
- ▶ With the broadest and most complete set of material-handling solutions in the industry, Toyota Dealers specialize in meeting all of your needs — from a single forklift to an entire fleet.
- ▶ Toyota's industry-leading network of dealers backs every forklift with proven product support. Resources include factory-trained service technicians, Toyota Genuine Parts, and flexible leasing and financing packages through Toyota Commercial Finance.

- ▶ Toyota forklifts have ranked No. 1 in safety and quality since 2002, according to studies conducted by Peerless Research Group.

For more information, including full specs, see your Toyota Dealer or ToyotaForklift.com.

 **TOYOTA**
INDUSTRIAL EQUIPMENT
REACH NEW HEIGHTS

Some product features described herein are optional. Please consult your dealer for specifications. Details of specifications and equipment are based on information available at time of printing and may change without notice.