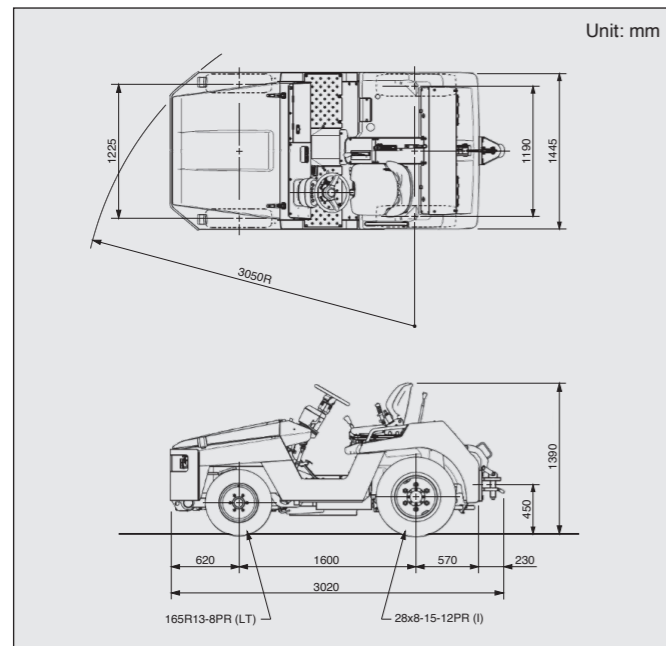


# 2,000 to 4,500 kg (19,500 to 44,100 N)

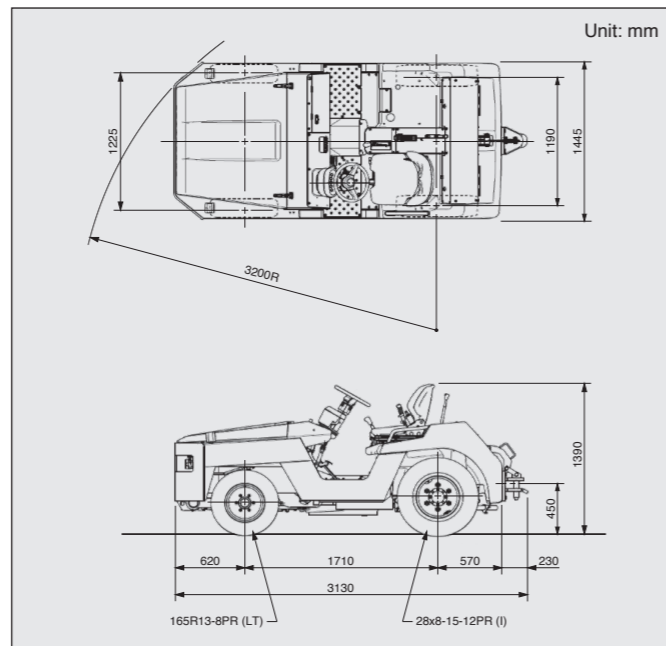
## 2TG/2TD20.25, 3TD35.45

### DIMENSIONAL DRAWINGS

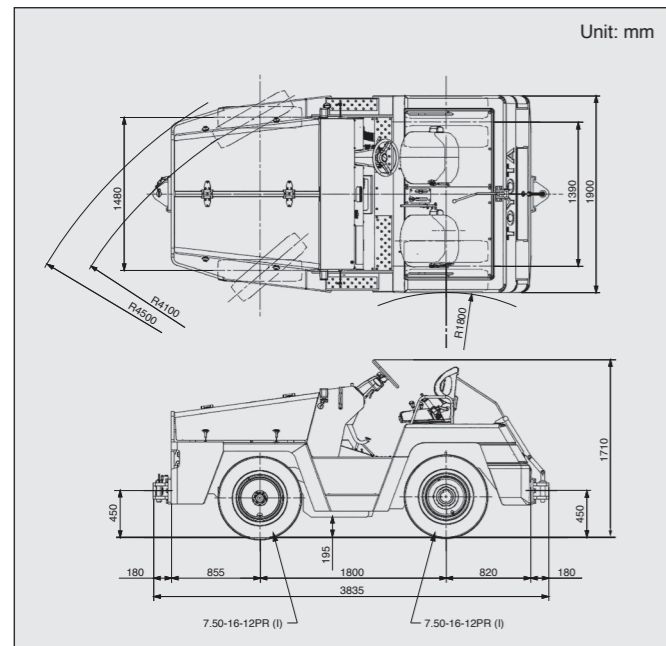
02-2TG/2TD20.25



42-2TD20.25



52-3TD35.45



NOTE: The right-hand steering wheel is standard for 52-3TD35.45.  
If you need the left-hand steering wheel, please make a request of TSDR.  
\* For the other towing tractor, the left-hand steering wheel is standard.

Availability and specifications are determined by market and are subject to change without notice.  
Please consult your Toyota representative for details.



Website

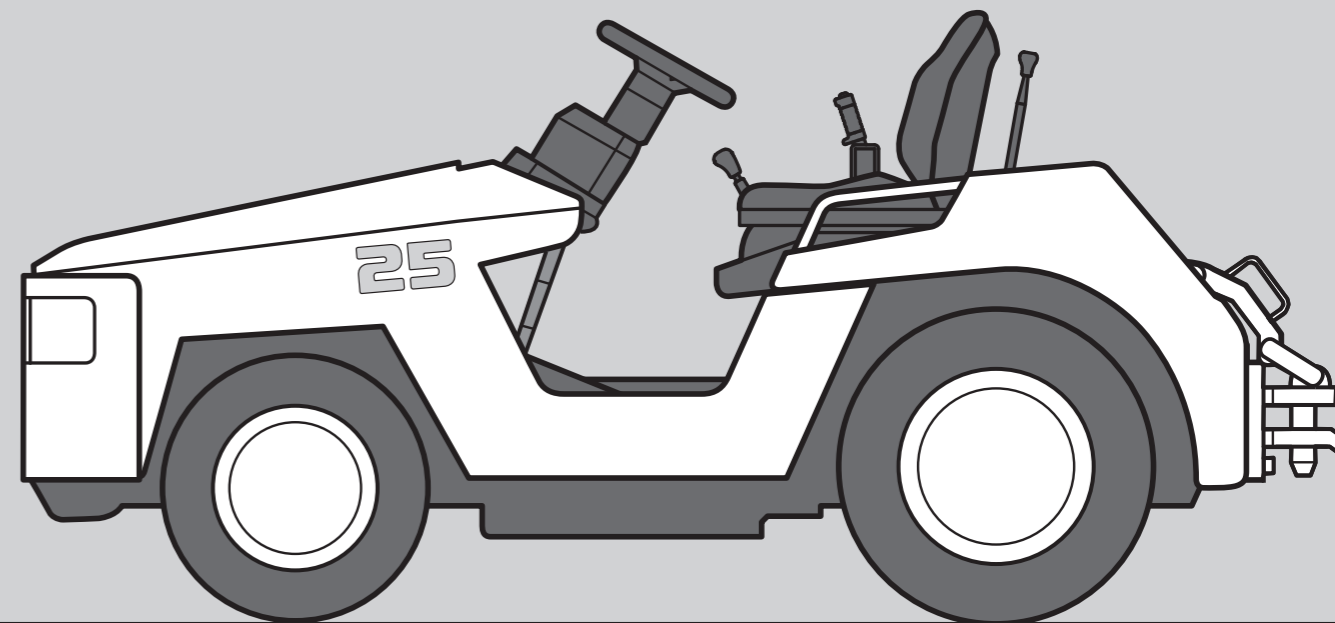


YouTube

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# TOWING TRACTOR

## TG/TD Series



## MAIN VEHICLE SPECIFICATIONS

Model	02-2TG20		02-2TD20		42-2TD20		02-2TG25		02-2TD25		42-2TD25		52-3TD35		52-3TD45	
<b>PERFORMANCE</b>																
Maximum Drawbar Pull	kg (N)		2000 (19500)		2000 (19500) [2090 (20500)]		2500 (24500)		2500 (24500)		3500 (34300)		4500 (44100)			
Towed Weight at Dry Even Concrete Surface *	With one trailer		kg		26000		26000		33000		33000		47000		60000	
	With a train of two or more trailers		kg		39000		39000		49000		49000		—		—	
Travel Speeds	Forward	1st	km/h	9	9	10	9	9	10	10	12	12	12	12	12	12
		2nd	km/h	17	17	20	17	17	20	27	27	27	27	27	27	27
		3rd	km/h	26	26	30 <26>	26	26	30 <26>	—	—	—	—	—	—	—
		4th	km/h	—	—	—	—	—	—	—	—	—	—	—	—	—
	Reverse	1st	km/h	10	10	11	10	10	11	12	12	12	12	12	12	12
		2nd	km/h	—	—	—	—	—	—	—	—	—	—	—	—	—
Turning Radius (Outside)	mm		3050		3050		3200		3050		3200		4500		4500	
Gradeability	At forward 1st speed		% (tanθ)		46		46		46		46		46		46	
	At reverse		% (tanθ)		34		34		34		34		—		—	
<b>WEIGHTS</b>																
Weight Distribution	Front		kg		890		930		1010		880		920		1000	
	Rear		kg		2260		2260		2280		2980		2980		3000	
	Total		kg		3150		3190		3290		3860		3900		4000	
<b>ENGINE</b>																
Model	TOYOTA 4Y		TOYOTA 1DZ-II		TOYOTA 2Z		TOYOTA 4Y		TOYOTA 1DZ-II		TOYOTA 2Z		TOYOTA 14Z-II		TOYOTA 14Z-II	
Piston Displacement	cc		2237		2486		3469		2237		2486		5204		5204	
Rated Power/r.p.m.	kW (JIS ps)		39.7/2400 (54/2400)		40.5/2400 (55/2400)		48.5/2200 (66/2200)		39.7/2400 (54/2400)		40.5/2400 (55/2400)		66/2400 (90/2400)		66/2400 (90/2400)	
Rated Torque/r.p.m.	N-m (JIS kg-m)		162/1800 (16.5/1800)		167/1600 (17/1600)		216/1600 (22/1600)		162/1800 (16.5/1800)		167/1600 (17/1600)		216/1600 (22/1600)		325/1400 (33.1/1400)	
<b>FUEL SYSTEM</b>																
Fuel Tank Capacity	liter		70		70		70		70		70		100		100	
<b>DIMENSIONS</b>																
Overall Length	mm		3020		3020		3130		3020		3020		3130		3835	
Overall Width	mm		1445		1445		1445		1445		1445		1900		1900	
Overall Height	mm		1390		1390		1390		1390		1390		1710		1710	
Wheelbase	mm		1600		1600		1710		1600		1710		1800		1800	
Tread	Front		mm		1225		1225		1225		1225		1480		1480	
	Rear		mm		1190		1190		1190		1190		1390		1390	
Underclearance	mm		150		150		150		150		150		195		195	
Center Height of Drawbar	mm		450		450		450		450		450		450		450	
<b>BATTERY</b>																
Voltage/Capacity	V/AH		12/28		12/64		12/28		12/64		12/64		12/96		12/96	
<b>TRANSMISSION TYPE</b>																
Manual/Automatic/Powershift			Automatic		Automatic		Automatic		Automatic		Automatic		Powershift		Powershift	
<b>BRAKES</b>																
Brakes	Foot Brake		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic	
	Hand Brake		Mechanical		Mechanical		Mechanical		Mechanical		Mechanical		Mechanical		Mechanical	
<b>TIRES</b>																
Tire Size	Front		165R13-8PR (LT)		165R13-8PR (LT)		165R13-8PR (LT)		165R13-8PR (LT)		165R13-8PR (LT)		7.50-16-12PR (I)		7.50-16-12PR (I)	
	Rear		28x8-15-12PR (I)		28x8-15-12PR (I)		28x8-15-12PR (I)		28x8-15-12PR (I)		28x8-15-12PR (I)		7.50-16-12PR (I) (Double)		7.50-16-12PR (I) (Double)	

NOTE: [ ] for EC Specification model.  
 < > for Low-gear specification model.  
 \* Please see the note on below "Towed Weight" section.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

## TOWED WEIGHT

Model	Unit: kg								
	Level Start (with one trailer)				Start on Grade (with one trailer)				
	02-2TG20 02-2TD20 42-2TD20	02-2TG25 02-2TD25 42-2TD25	52-3TD35	52-3TD45	02-2TG20 02-2TD20 42-2TD20	02-2TG25 02-2TD25 42-2TD25	52-3TD35	52-3TD45	
Level Road	26000	33000	47000	60000	—	—	47000	60000	
Grade (Degrees)	1°	26000	33000	47000	60000	19000	24000	34000	44000
	2°	26000	33000	47000	60000	15000	19000	27000	36000
	3°	23000	29000	41000	54000	13000	16000	23000	30000
	4°	18000	23000	33000	43000	11000	14000	19000	26000
	5°	15000	19000	27000	35000	9500	12000	17000	22000
	6°	12000	16000	22000	29000	8200	10000	15000	19000
	7°	10000	13000	19000	25000	7200	9300	13000	17000
	8°	9300	11000	16000	22000	6400	8200	11000	15000
	9°	8100	10000	14000	19000	5600	7300	9900	13000
	10°	7100	9100	13000	17000	5000	6500	8900	12000

NOTE: Towed weight may vary depending on the travel speed, conditions of operating area, actual specification and condition of the vehicle, specification and condition of trailer, and so on. Towed weight in this sheet is calculated as towed weight of standard truck during starting, based on our condition. It does not provide any guarantees of towed weight during continuous operation and towed weight on your operating condition. Please consult your TOYOTA representative regarding towed weight on your operating condition.

## STANDARD EQUIPMENT

### 02-2TG/2TD20.25, 42-2TD20.25

- Operator Presence Sensing System (OPS) ● 6" cyclone air cleaner ● Alternator with IC regulator ● Integrated Ignition Assembly (02-2TG20.25) ● Neutral safety switch ● Super glow control system (1DZ-II engine model)
- Intake heater (2Z engine model) ● Turn Signal lights (Front)
- Automatic choke (02-2TG20.25) ● Engine key stop device (Diesel engine model) ● ORS seat with suspension ● Seat belt ● Sedimenter (Diesel engine model) ● LED Headlights
- LED Rear combination lights(include: Clearance lights, Stop lights, Turn signal lights, Back-up lights)
- Multifunction display [Speedometer, Hour meter, Odometer, Engine water temperature indicator, Fuel meter, Clogged air cleaner warning light, Engine oil pressure warning light, Charge warning light, PKB indicator, Pre-heat indicator light (Diesel engine model), Sedimenter warning light (Diesel engine model), Torque converter oil temperature warning light, OPS indicator ] ● Electric horn ● Engine Hood Damper ● Power Steering ● Tilt Steering Column ● Toggle type parking brake ● Torque converter oil cooler ● Pin type single stage rear drawbar ● Front spring suspension ● Rear spring suspension

### 52-3TD35.45

- Operator Presence Sensing System (OPS) ● 8" cyclone air cleaner ● Intake heater ● Engine key stop device ● LED Headlights ● LED Rear combination lights(include: Clearance lights, Stop lights, Turn signal lights, Back-up lights)
- Turn signal lights(Front) ● ORS seat ● Co-operator's ORS seat ● Seat belt ● Multifunction display [Speedometer, Odometer, Fuel meter, Engine water temperature indicator, Torque converter oil temperature indicator, Hour meter, Charging system warning, Engine oil pressure warning, Pre-heat indicator, Brake fluid level warning, OPS indicator, PKB indicator, Sedimenter warning, Clogged air cleaner warning, Cooling water warning] ● Electric horn ● Vacuum warning buzzer ● Front drawbar ● Rear drawbar ● Power steering ● Front spring suspension ● Rear spring suspension ● Right-hand steering wheel