

ENGINE POWERED TOWING TRACTOR 3TD

3.5 and 4.5 ton Series



The model shown is equipped with optional equipment.

Accomplishing Tough Towing Jobs with Power and Speed

Powerful engine along with various safety features and equipment designed for comfort provide burly support for tough towing jobs at airports, harbors, and other worksites. The mighty power behind this towing force assures formidable capability for moving heavy loads.

Traveling and Towing Performance

NEW Powerful and Low Fuel Consumption 14Z-II Diesel Engine

Rated Power	66kW/2400rpm	Towed Weight (At Dry Even Concrete Surface)	47 ton <small>52-3TD35</small>	60 ton <small>52-3TD45</small>
Rated Torque	325Nm/1400rpm	Maximum Travel Speed (No Load)	24km/h → 27km/h <small>Previous Model 42-3TD35/45</small>	<small>Current Model 52-3TD35/45</small>
Piston Displacement	5,204cc	Maximum Travel Speed (With 60 ton Load)	8.5km/h → 10km/h <small>Previous Model 42-3TD45</small>	<small>Current Model 52-3TD45</small>

Low Fuel Consumption

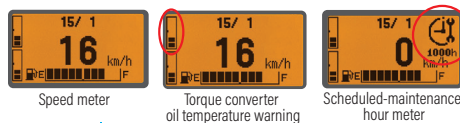


Note: Values obtained under our own specified testing conditions. These conditions (weather, road surface, vehicle, driving, and the like) are subject to variation during actual work operations, and so fuel consumption may vary accordingly.

Operability

NEW Multifunction Display

High-expressiveness display enables a variety of vehicle settings as well as showing necessary information on the vehicle.

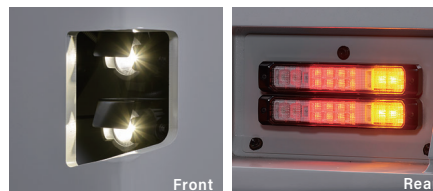


NEW Small-diameter Steering Wheel

The small-diameter steering wheel with the full hydraulic power steering system provides excellent maneuverability.

NEW LED Lights (Front and Rear)

LED front lights keep the operating area brightly illuminated. The LED lights offer long life and low energy consumption. Also able to withstand jolts and vibration to a high degree, they are resistant to broken elements even when traveling on bumpy surfaces.



NEW LED Rear Working Lights (Option)

Power-saving, long-life LED lights are available for rear working lights. This provides excellent visibility at night, even for drawbar operations.



Drawbar Controllable from the Operator's Seat

The operator has a clear view of the drawbar pin from the seat, and can easily operate the drawbar lever.



NEW ORS Seat

*ORS: Operator Restraint System

The ORS seat supports a comfortable operating posture by means of side wings and a seatbelt.



52-3TD45
The model shown is equipped with optional equipment.

52-3TD35
The model shown is equipped with optional equipment.

Management

NEW I_Site (Telematics with POC) Option

I_Site visualizes a wide range of data such as towing operations by each operator and detected shocks.



SAFETY

NEW OPS Operator Presence Sensing System

If the operator is not in the normal operating position, travel power is interrupted.

Note: OPS does not operate the brakes. Always set the parking brake when leaving the vehicle.

NEW Orange Seat Belt Option

The color of the seat belt will be orange, making it easier to confirm if the seat belt is securely fastened.



NEW Seatbelt Interlock Option

This feature restricts travel when the seatbelt is not engaged after sitting, thereby preventing driving without a seatbelt.

Slip-resistant Floor and Steps

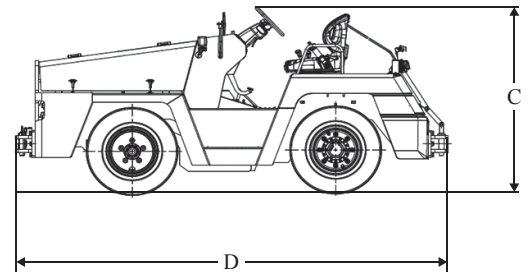
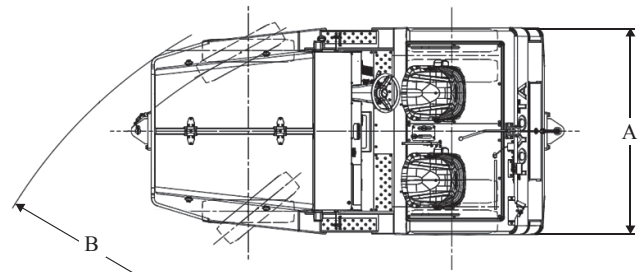
Slip-resistant floor and step support frequent getting on and off.



Main Specifications

Model		52-3TD35	52-3TD45
Engine Model		14Z-II	14Z-II
Maximum Drawbar Pull	kg	3,500	4,500
	N	34,300	44,100
Gradeability*	% (tan θ)	46	46
Overall Width	A mm	1,900	1,900
Turning Radius (Outside) B	mm	4,500	4,500
Overall Height	C mm	1,710	1,710
Overall Length	D mm	3,835	3,835

NOTE: *At forward 1st speed



Engine Specifications

Model		TOYOTA 14Z-II
Piston Displacement	cc	5,204
Rated Power / r.p.m	kW	66 / 2,400
Rated Torque / r.p.m	N-m	325 / 1,400

The data in this leaflet is determined based on our standard testing conditions. Performance may vary depending on actual specifications and the condition of the vehicle, as well as the condition of the operating area. Availability and specifications depend on region and are subject to change without notice. Due to photography and printing, the color of the actual vehicle may vary from this leaflet. Some photos have been computer-enhanced. Please consult your Toyota representative for details. Photographs may include optional equipment.

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