

Electric towing tractor 27.0 ton

TRACTO

R-series

3TE25



Electric towing tractor 27.0 ton

Truck specifications					3TE25
Identification	1.1	Manufacturer			Toyota
	1.2	Model			3TE25
	1.3	Drive			Electric
	1.4	Operator type			Sit-on
	1.5	Load capacity/rated load	Q	kg	27000
	1.7	Rated drawbar pull	F	N	5300
	1.9	Wheelbase	y	mm	2240
Weight	2.1	Service weight		kg	4770
	2.3	Axle load, without load, front/rear		kg	1820 / 2950
Tyres	3.1	Tyre - Cushion(Cu), Extra-elastic(SE), Pneumatic(Pn),Polyurethane			SE/Pn
	3.2	Tyre - size, front			175R13-8PR (LT)
	3.3	Tyre - size, rear			28x8-15-12PR (I)
	3.5	Wheels, number front/rear (x = driven wheels)			2/2X
	3.6	Track width, front		mm	1225
	3.7	Track width, rear	b ₁₁	mm	1190
Dimensions	4.7	Height of cab	h ₆	mm	1940
	4.8	Seat height ^{1) 2)}	h ₇	mm	1040
	4.12	Coupling height	h ₁₀	mm	450
	4.17	Overhang front/rear	l ₅	mm	455/570
	4.19	Overall length	l ₁	mm	3495
	4.21	Overall width	b ₁	mm	1445
	4.32	Ground clearance, centre of wheelbase	m ₂	mm	150
	4.35	Turning radius	W _a	mm	3200
Performance data	5.1	Travel speed, with/without load		km/h	17.8 ³⁾ / 25
	5.6	Max. drawbar pull		N	25100
	5.7	Gradeability ⁴⁾		%	33
	5.8	Max. gradeability loaded/unloaded		%	see chart
	5.10	Service / parking brake (I=Hydraulic E=Electromagnetic M=Mechanical)			I / M
Electric motor	6.1	Drive motor rating S2 60 min		kW	11.2 x 2
	6.4	Battery voltage, nominal capacity	K ₅	V/Ah	80/620
	6.5	Battery weight		kg	1560
	6.6	Energy consumption according to VDI cycle ⁵⁾		kWh/h	
Others	8.1	Electronics control			Inverter AC
	8.4	Sound level at driver's ear according to EN 12053		dB(A)	68.5

¹⁾ Floor height : 500 mm

²⁾ Step height : 410 mm

³⁾ With 13,5 ton load (travel speed with 9 ton load = 21 km/h).

⁴⁾ Computed values

⁵⁾ Contact your supplier for information.

Performance data and dimensions are nominal and subject to tolerances.

Specifications are subject to change without notice.

Please obtain the latest specifications before contracting products.

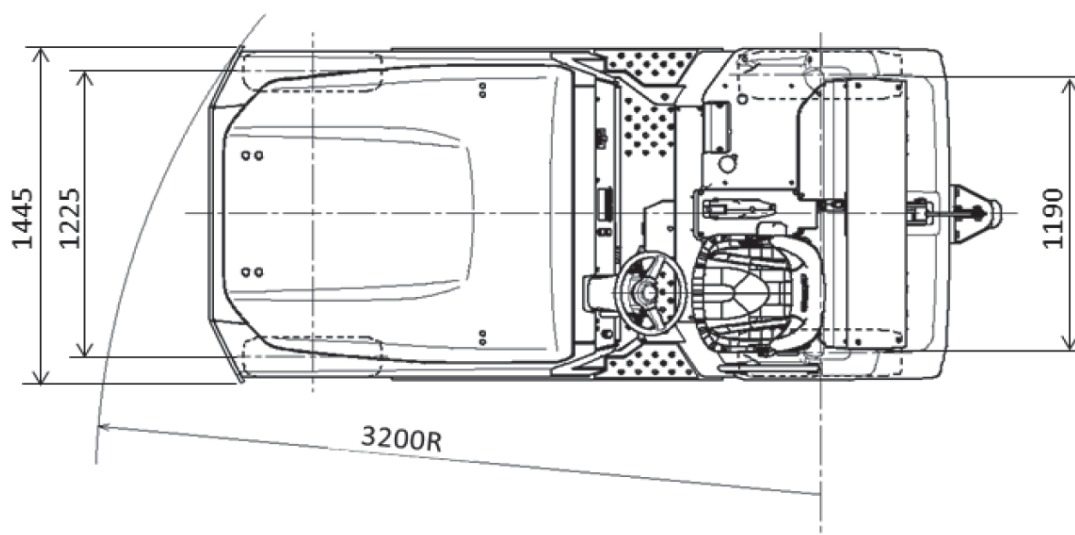
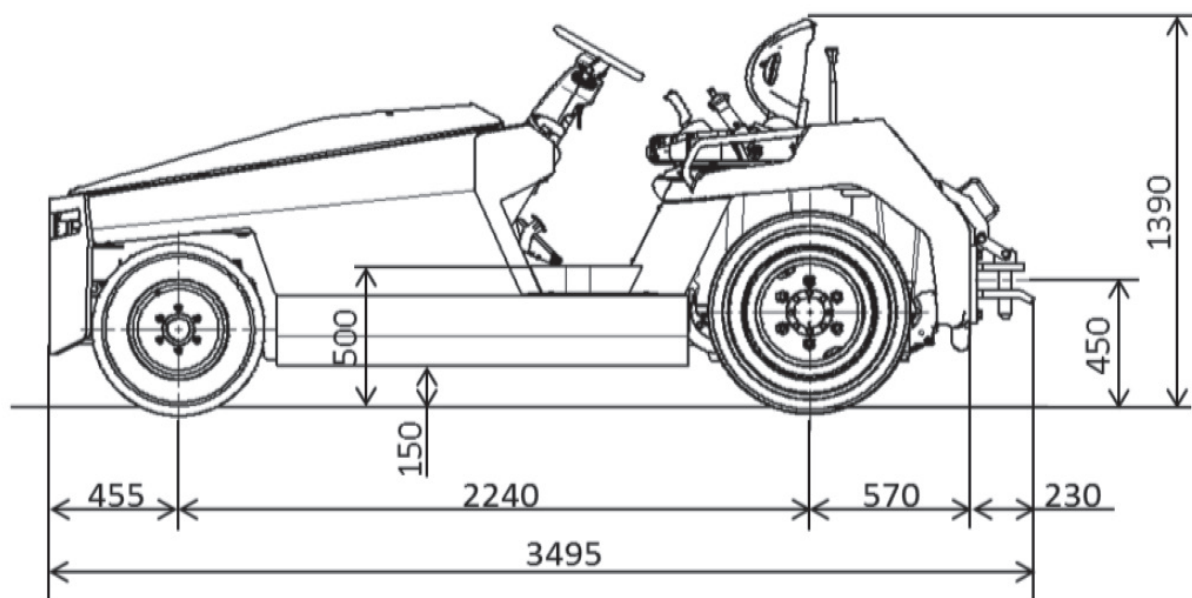
Towed weight

TRACTO

3TE25		Level start			Start on grade		
Surface condition (Dry even concrete)		3-minute rating (STD) ¹⁾	60-minute rating ¹⁾	3-Minute Rating (Rear pneumatic shaped cushion tire) ²⁾	3-minute rating (STD) ¹⁾	60-minute rating ¹⁾	3-Minute Rating (Rear pneumatic shaped cushion tire) ²⁾
Start, level road	ton	27,0	27,0	27,0	—	—	—
Start, 1 degree	ton	27,0	12,2	27,0	27,0	12,2	27,0
Start, 2 degrees	ton	27,0	6,8	27,0	23,9	6,8	20,8
Start, 3 degrees	ton	27,0	4,0	27,0	19,3	4,0	16,8
Start, 4 degrees	ton	24,8	2,3	22,8	16,0	2,3	13,9
Start, 5 degrees	ton	19,9	1,1	18,3	13,6	1,1	11,7
Start, 6 degrees	ton	16,5	0,3	15,0	11,6	0,3	9,9
Start, 7 degrees	ton	13,8	—	12,6	10,0	—	8,5
Start, 8 degrees	ton	11,8	—	10,7	8,7	—	7,3
Start, 9 degrees	ton	10,1	—	9,1	7,6	—	6,3
Start, 10 degrees	ton	8,8	—	7,8	6,7	—	5,5

¹⁾ Towed weight data is the same for one or more trailers. When lock is released and set to H mode, the rated time for continuously towing the rated towed weight is reduced from 60 minutes to 20 minutes.

²⁾ When equipped with Rear pneumatic shaped cushion tire, depending on the tire diameter and rolling resistance, the rated towed weight is different from that of vehicles with the Standard Spec. Towed weight data is the same for one or more trailers. Data for 60-Minutes Ratings of this spec is the same as that of the Standard Spec.



Standard equipments:

- Operator Presence System (OPS)
- Multifunction Display
- Power select function
- Power keep function
- Auto power-off
- Anti-rollback function
- Thermal protection function
- Key on return-to-neutral function
- LED Headlight, LED Rear combination lights
- ORS seat
- Tilt steering column
- Full hydraulic power steering
- Electric horn
- Emergency



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