Electric platform truck 1.5 ton

TRACTO

R-series

PE15.1

Electric platform truck 1.5 ton

Truck specifications					PE15.1
Identification	1.1	Manufacturer			Toyota
	1.2	Model			PE15.1
	1.3	Drive			Electric
	1.4	Operator type			Sit-on
	1.5	Load capacity/rated load	Q	kg	1500
	1.5.1	Towing capacity	Q	kg	10000
	1.7	Rated drawbar pull	F	N	2200
	1.9	Wheelbase	y	mm	1900
Weight	2.1	Service weight		kg	1645
	2.2	Axle load, with load, front/rear		kg	1085 / 2220
	2.3	Axle load, without load, front/rear		kg	925 / 720
Wheels	3.1	Tyre - Cushion(Cu), Extra-elastic(SE), Pneumatic(Pn),Polyurethane			SE/Pn
	3.2	Wheel size, front			4.00-8
	3.3	Wheel size, rear			18x7-8
	3.5	Wheels, number front/rear (x = driven wheels)			2/2x
	3.6	Track width, front	b_{10}	mm	845
	3.7	Track width, rear	b_{11}	mm	924
Dimensions	4.7	Height of cab	h_6	mm	2020
	4.8	Seat height	h_7	mm	990
	4.8.1	Step on platform height		mm	480
	4.12	Coupling height	h_{10}	mm	410 - 355 - 300
	4.13	Loading height	h_{11}	mm	550
	4.16	Length of loading surface	l_3	mm	1700
	4.17	Overhang	l_5	mm	880
	4.18	Width of loading surface	b_9	mm	1100
	4.19	Overall length	l_1	mm	3095
	4.21	Overall width	b_1	mm	1160
	4.32	Ground clearance, centre of wheelbase	m_2	mm	120
	4.35	Turning radius front	W_a	mm	3000
	4.35.1	Turning radius rear		mm	2330
	4.36	Internal turning radius	b_{13}	mm	1580
	4.36.1	Aisle width when turning 90°		mm	2180
Performance data	5.1	Travel speed, with/without load		km/h	15 / 18
	5.6	Max. drawbar pull		N	8000
	5.7	Gradeability		%	See chart
	5.8	Max. gradeability loaded/unloaded		%	See chart
	5.10	Service / parking brake (I=Hydraulic E=Electromagnetic M=Mechanical)			I / E
	5.10.1	Type of service brake front/rear			Drum / wet brakes
Electric motor	6.1	Drive motor rating S2 60 min		kW	2 X 6,6
	6.3	Battery according to DIN 43531 / 35 / 36 A, B, C, no			43531 A
	6.4	Battery voltage, nominal capacity [1)]	K_5	V/Ah	48/ 420 - 460 - 500
	6.5	Battery weight		kg	667 - 700 - 731
	6.6	Energy consumption according to EN 16796		kWh/h	1,43
Others	8.1	Electronics control			Inverter AC
	8.4	Sound level at driver's ear according to EN 12053		dB(A)	69

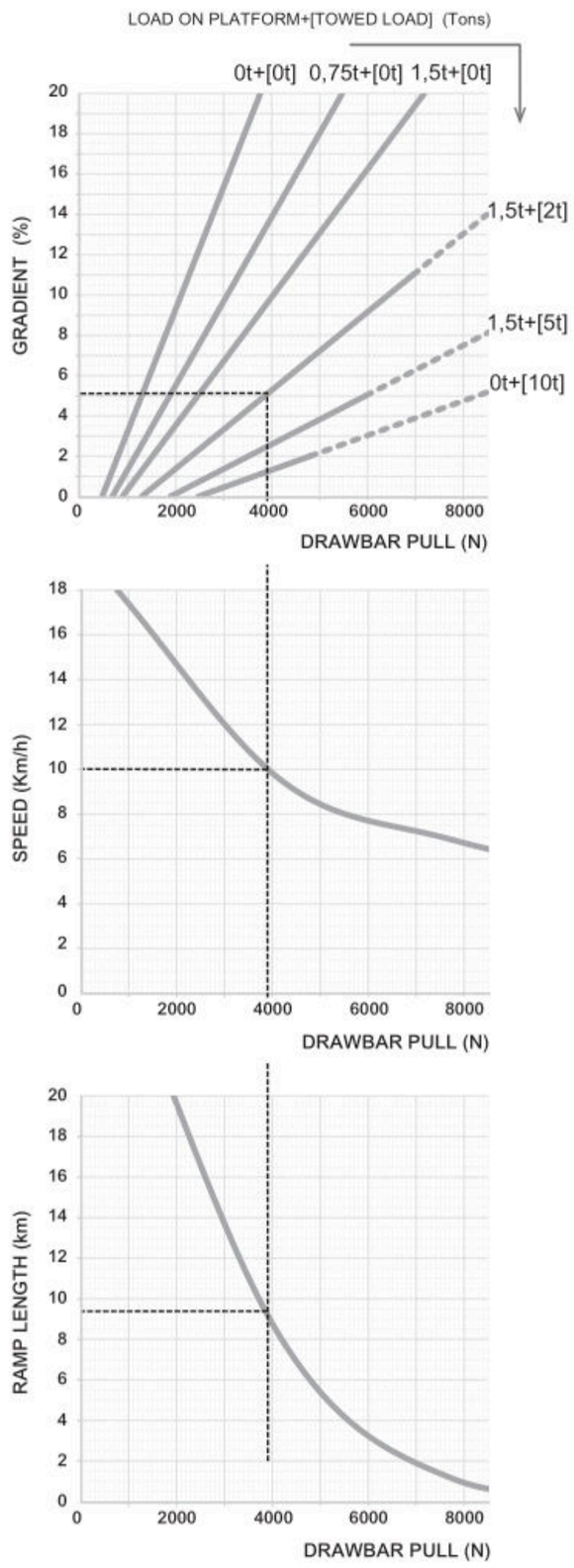
[1)] Performances and weight are intended with 500 Ah battery.

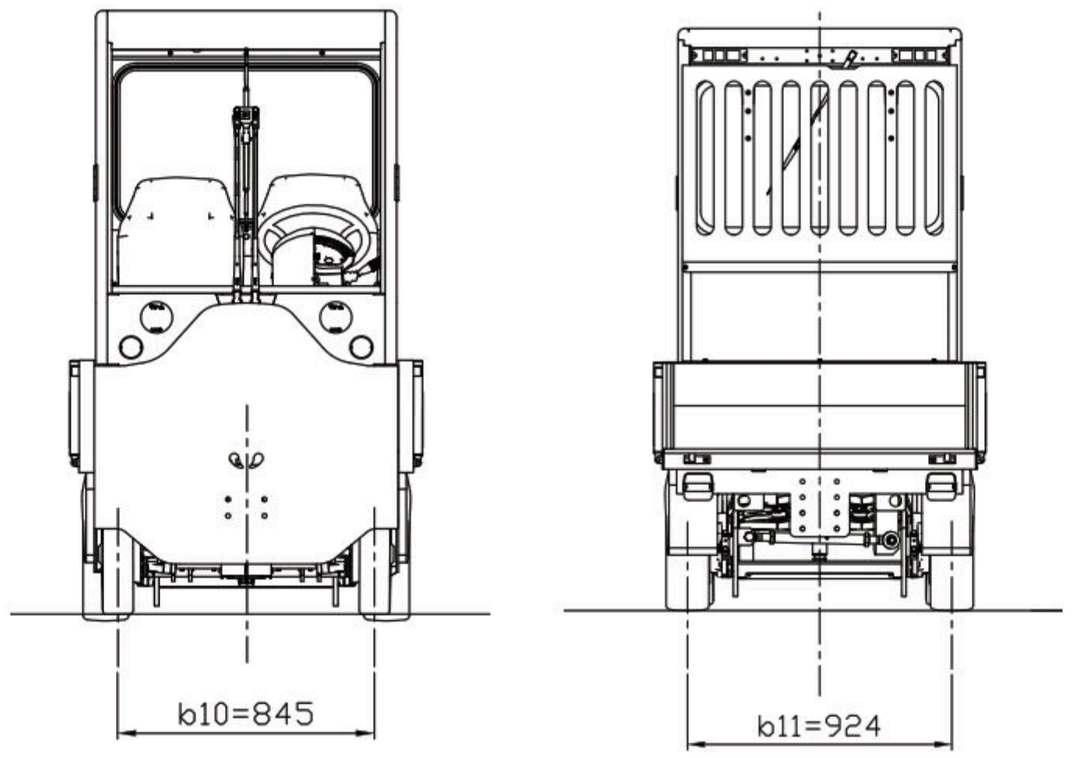
As per VDI guidelines 2198, this datasheet applies to standard electric tractor / platform truck only.
Dimensions are not binding and can be changed in any moment. The performances must be intended for brand new machines, after having completed the running-in tested in Toyota factory in normal climatic conditions.
Performances and weight are to be intended with standard motors and battery and with pneumatic tires.
Some data can vary according to different equipments.

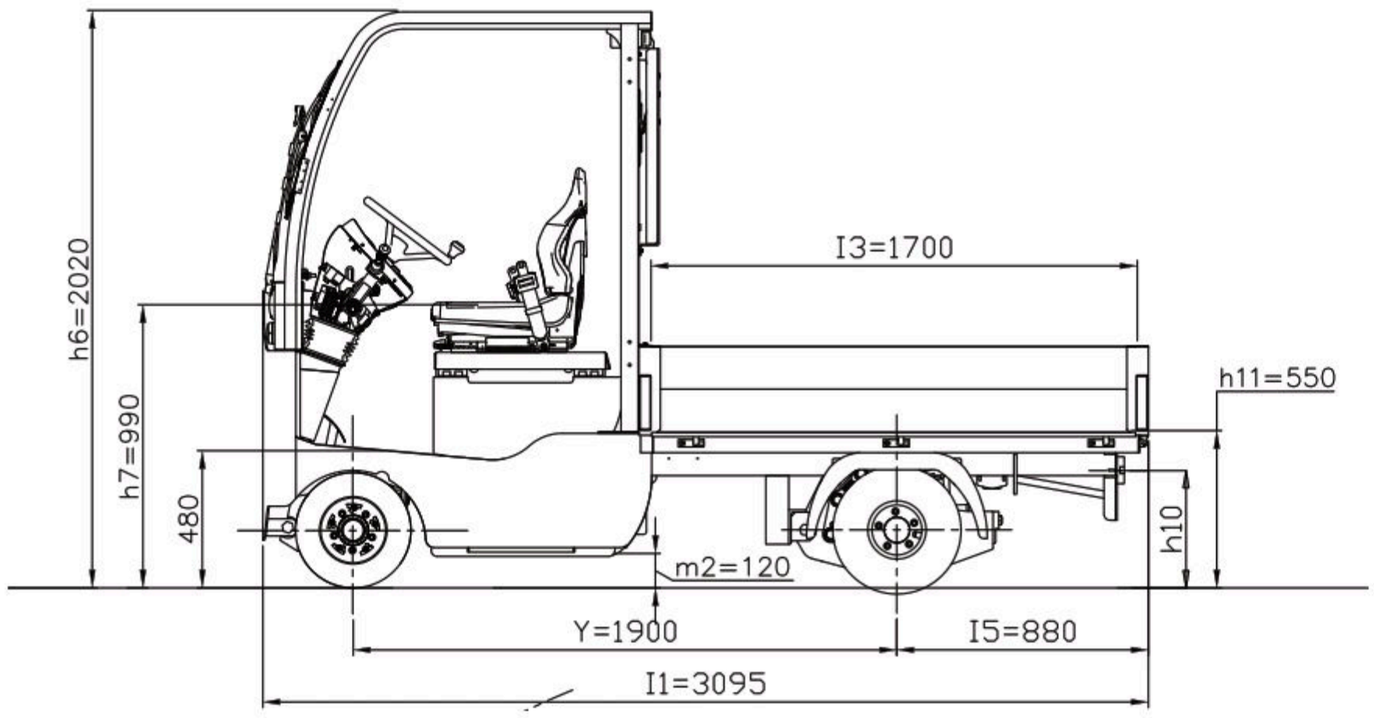
Dimensional Drawing

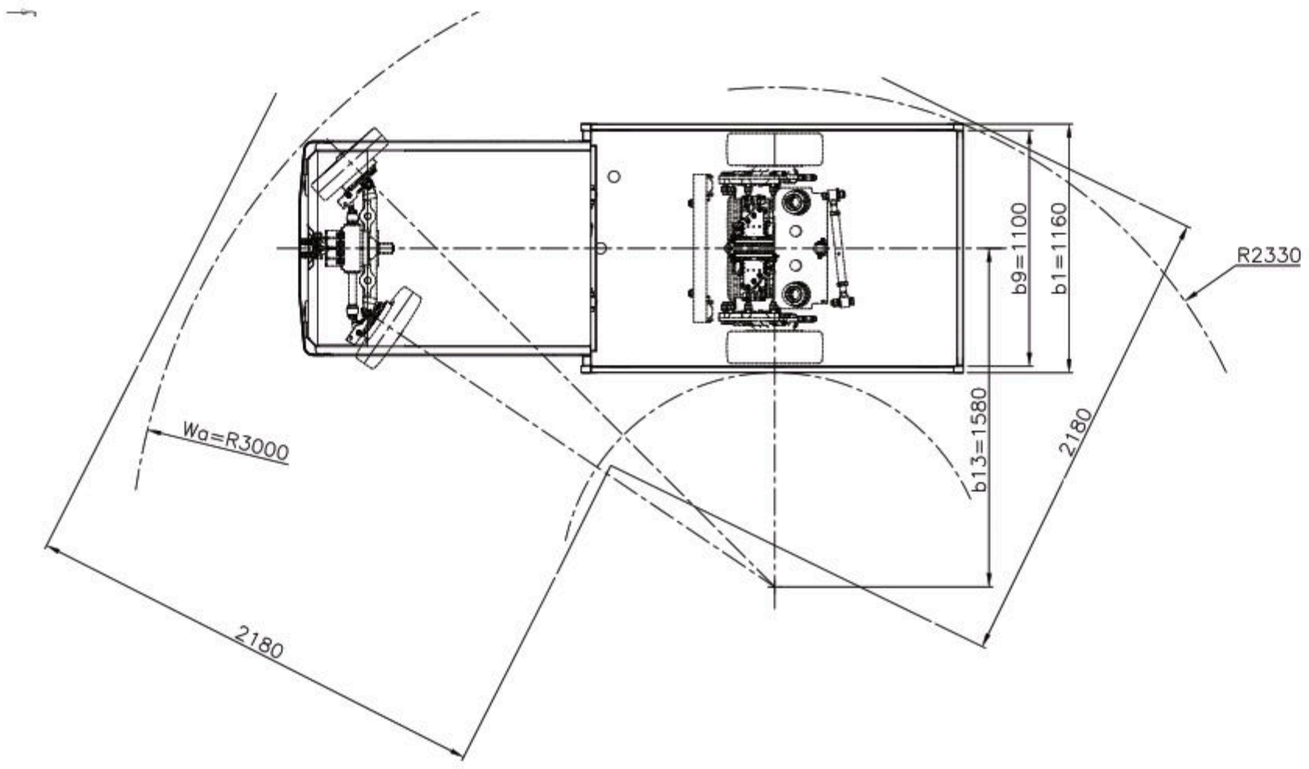
TRACTO

EXAMPLE OF GRAPH READING:
TOWED LOAD = 1,5 t + [2 t]
GRADIENT (i) = 5 %
DRAWBALL PUL (F) = 3900 N
SPEED (V0) = 10 km/h
MAX. PRACTIBLE RAMP LENGTH (s) = 9 km









Standard equipments:

- AC power system
- Hydraulic steering
- Pneumatic tyres
- Automatic parking brake
- Regenerative braking
- Head and tail lights, turn signal lights
- Digital display