

# Electric platform truck 2.0 ton

**TRACTO**

*R-series*

PE20.1



# Electric platform truck 2.0 ton

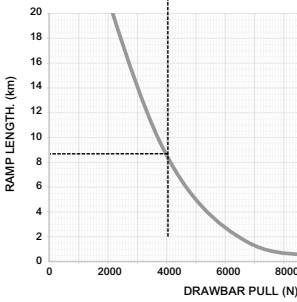
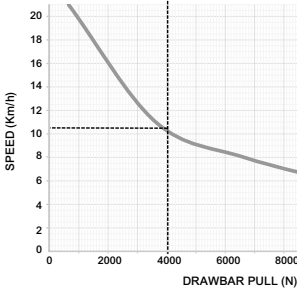
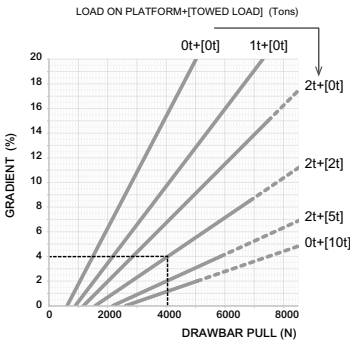
Truck specifications					PE20.1
Identification	1.1	Manufacturer			Toyota
	1.2	Model			PE20.1
	1.3	Drive			Electric
	1.4	Operator type			Sit-on
	1.5	Load capacity	Q	kg	2000
	1.5.1	Towing capacity	Q	kg	10000
	1.7	Rated drawbar pull	F	N	2200
	1.9	Wheelbase	y	mm	1875
Weight	2.1	Service weight (with battery)		kg	2200
	2.2	Axle load, with load, front/rear		kg	1710 / 2650
	2.3	Axle load, without load, front/rear		kg	1200 / 1000
Wheels	3.1	Tyre - Cushion(Cu), Extra-elastic(SE), Pneumatic(Pn),Polyurethane			SE/Pn
	3.2	Wheel size, front			6.00-9
	3.3	Wheel size, rear			6.00-9
	3.5	Wheels, number front/rear (x = driven wheels)			2/2x
	3.6	Track width, front	b <sub>10</sub>	mm	894
	3.7	Track width, rear	b <sub>11</sub>	mm	1050
Dimensions	4.7	Height of cabin	h <sub>6</sub>	mm	1900
	4.8	Seat height	h <sub>7</sub>	mm	890
	4.8.1	Step on platform height		mm	390
	4.12	Coupling height	h <sub>10</sub>	mm	370
	4.13	Loading height	h <sub>11</sub>	mm	750
	4.16	Platform length	l <sub>3</sub>	mm	2000
	4.17	Rear overhang	l <sub>5</sub>	mm	640
	4.18	Platform width	b <sub>9</sub>	mm	1346
	4.19	Overall length	l <sub>1</sub>	mm	3405
	4.21	Overall width	b <sub>1</sub>	mm	1435
	4.32	Ground clearance, centre of wheelbase	m <sub>2</sub>	mm	150
	4.35	Turning radius front	W <sub>a</sub>	mm	3420
	4.35.1	Turning radius rear		mm	2350
	4.36	Internal turning radius	b <sub>13</sub>	mm	1525
	4.36.1	Aisle width when turning 90°		mm	2600
Performance data	5.1	Travel speed, with/without load		km/h	18 / 21
	5.6	Max. drawbar pull		N	8000
	5.7	Gradeability with/without load		%	See chart
	5.8	Max. gradeability with/without load		%	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 / mult. disks
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			no
	6.4	Battery voltage, nominal capacity <sup>1)</sup>	K <sub>5</sub>	V/Ah	48/ 480
	6.5	Battery weight		kg	760
	6.6	Energy consumption according to EN 16796		kWh/h	1,77
Others	8.1	Electronics control			Inverter AC
	8.4	Sound level at driver's ear according to EN 12053		dB(A)	69

<sup>1)</sup> Performances and weight are intended with 480 Ah battery.

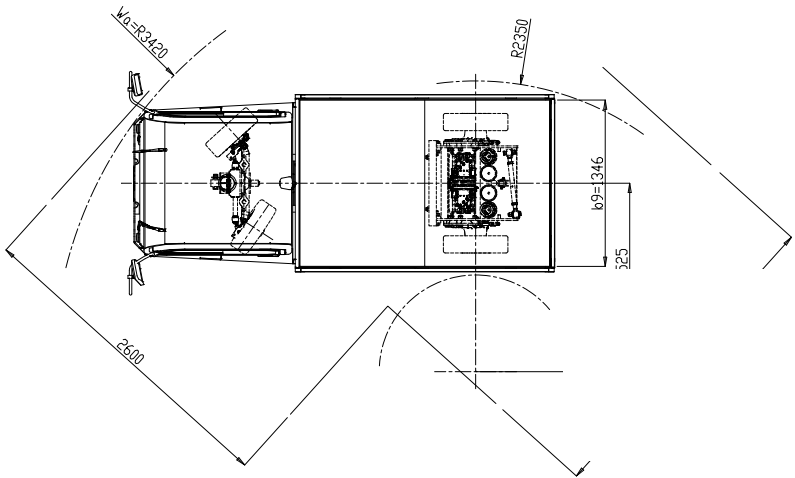
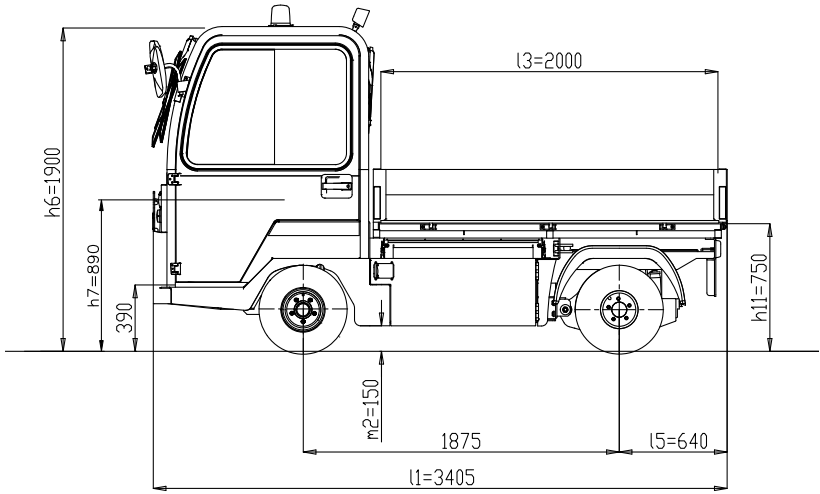
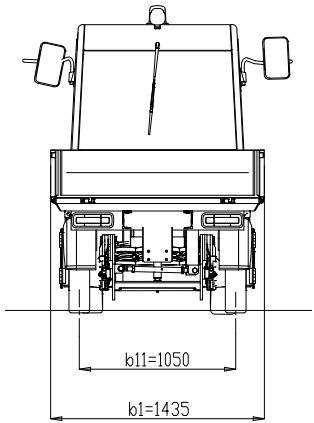
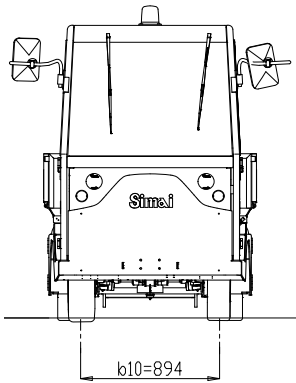
As per VDI guidelines 2198, this datasheet applies to standard electric tractor / platform truck only.  
Dimensions are not binding and can be changed in any moment. The performances must be intended for brand new machines, after having completed the running-in tested in Toyota factory in normal climatic 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 drawings

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



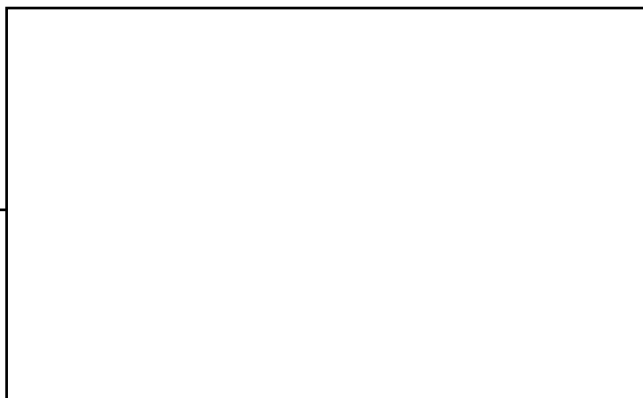
**TRACTO**



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## Standard equipments:

- Operator presence system
- AC power system
- Side battery exchange
- Adjustable steering column
- Pneumatic tyres
- Automatic parking brake
- Regenerative braking
- Head and taillights, turn signal lights
- Digital display



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**TOYOTA**

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