Electric towing tractor 8.0 ton

Simai

Four wheel-series

TE80IXB

TOYOTA

MATERIAL HANDLING

http://www.simai.it/en

Electric towing tractor 8.0 ton

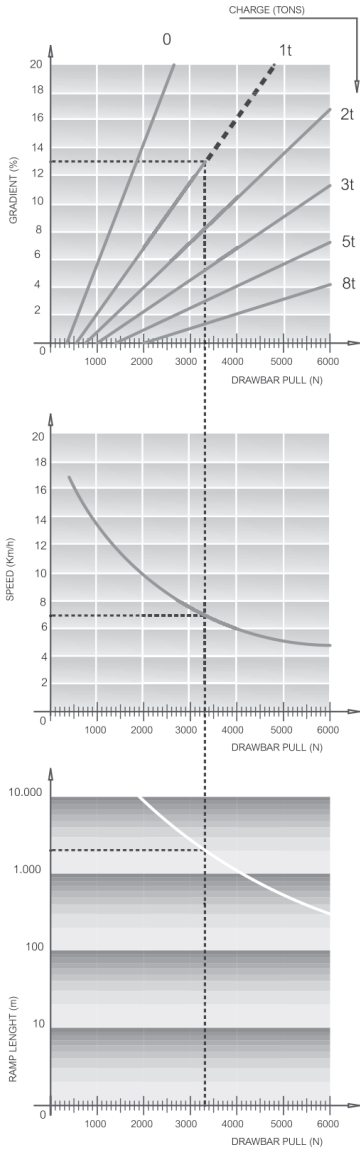
Truck specifications					TE80IXB
Identification	1.1	Manufacturer			Simai S.p.A
	1.2	Model			TE80IXB
	1.3	Drive			Electric
	1.4	Operator type			Sit-on
	1.5	Load capacity/rated load [1]	Q	kg	8000
	1.7	Rated drawbar pull	F	N	1900
	1.9	Wheelbase	y	mm	1070
Weight	2.1	Service weight		kg	1255
	2.2	Axle load, with load, front/rear		kg	745 / 690
	2.3	Axle load, without load, front/rear		kg	650 / 605
Tyres	3.1	Tyre - Cushion(Cu), Extra-elastic(SE), Pneumatic(Pn),Polyurethane			SE/Pn
	3.2	Tyre - size, front			4.00-8
	3.3	Tyre - size, rear			4.00-8
	3.5	Wheels, number front/rear (x = driven wheels)			2/2X
	3.6	Track width, front	b_{10}	mm	810
	3.7	Track width, rear	b_{11}	mm	912
Dimensions	4.7	Height of cab	h_6	mm	1790
	4.8	Seat height	h_7	mm	780
	4.12	Coupling height	h_{10}	mm	265 - 320 - 375
	4.13	Loading height, unloaded	h_{11}	mm	600
	4.16	Length of loading surface	l_3	mm	350
	4.17	Overhang	l_5	mm	255
	4.18	Width of loading surface	b_9	mm	650
	4.19	Overall length	l_1	mm	2250
	4.21	Overall width	b_1	mm	1000
	4.32	Ground clearance, centre of wheelbase	m_2	mm	105
	4.35	Turning radius	W_a	mm	2440
	4.36	Internal turning radius	b_{13}	mm	980
Performance data	5.1	Travel speed, with/without load		km/h	9 / 16
	5.6	Max. drawbar pull		N	6200
	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
Electric motor	6.1	Drive motor rating S2 60 min		kW	5
	6.4	Battery voltage, nominal capacity [2]	K_5	V/Ah	48/315, 345, 375
	6.5	Battery weight		kg	536 - 550 - 580
	6.6	Energy consumption according to VDI cycle [3]		kWh/h	
Others	8.1	Electronics control			Inverter AC
	8.4	Sound level at driver's ear according to EN 12053		dB(A)	69

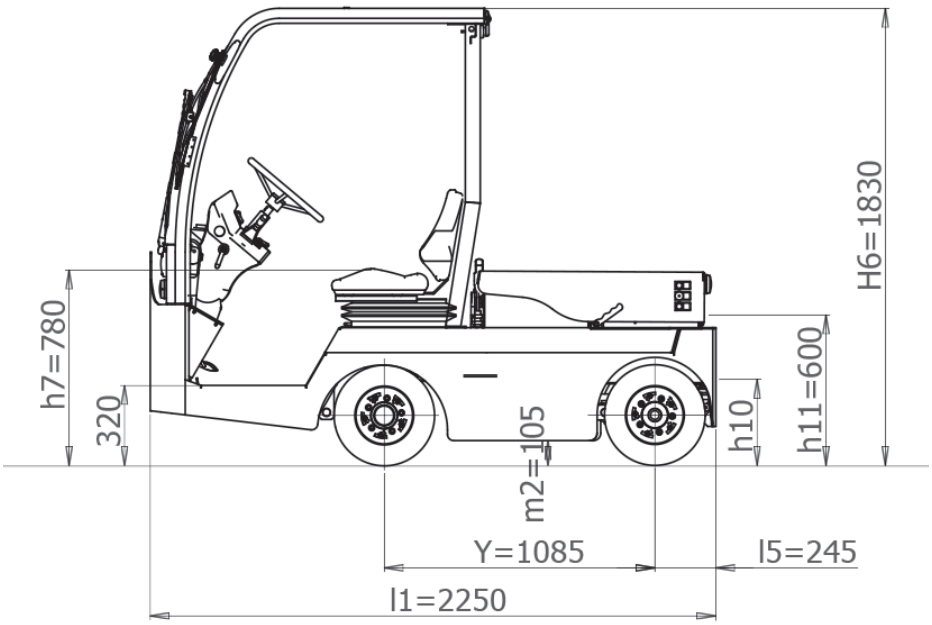
[1] Loading surface capacity: 100 kg.
[2] Performances and weight are intended with 375 Ah battery.
[3] Contact the supplier for information.

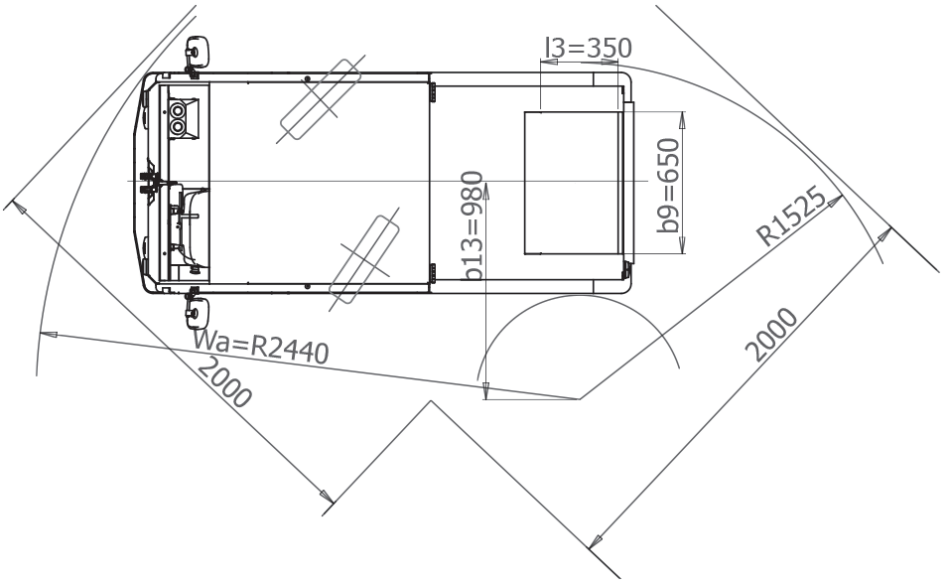
As per VDI guidelines 2198, this datasheet applies to standard electric tractor / platform truck only.
Dimensions are not binding and can be changed in any moment. The performances must be intended for brand new machines, after having completed the running-in tested in San Donato Milanese factory in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

Towed weight

READING EXAMPLE:
CHARGE = 1 TONS
GRADIENT = 13 %
DRAWBAR PULL = 3330 N
SPEED = 7 Km/h
MAX PRACTICABLE RAMP LENGHT = 2000 m







Standard equipments:

- Inching buttons
- Operator presence system
- AC power system
- Pneumatic tyres
- Rear drawbar
- Automatic parking brake
- Regenerative braking
- Head and tail lights, turn signal lights
- Digital display
- Rear platform

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