

Electric platform truck *Tracto*

R-series
PE20.1



Electric platform truck 2.0 ton

IDENTIFICATION

1.1	Manufacturer			CESAB
1.2	Model			PE20.1
1.3	Drive			Electric
1.4	Operator type			Sit-on
1.5	Load capacity/rated load	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		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 ₁₀	mm	894
3.7	Track width, rear	b ₁₁	mm	1050

DIMENSIONS

4.7	Height of cab	h ₆	mm	1900
4.8	Seat height	h ₇	mm	890
4.8.1	Step on platform height		mm	390
4.12	Coupling height	h ₁₀	mm	370
4.13	Loading height, unloaded	h ₁₁	mm	750
4.16	Length of loading surface	l ₃	mm	2000
4.17	Overhang	l ₅	mm	640
4.18	Width of loading surface	b ₉	mm	1346
4.19	Overall length	l ₁	mm	3405
4.21	Overall width	b ₁	mm	1435
4.32	Ground clearance, centre of wheelbase	m ₂	mm	150
4.35	Turning radius	W _a	mm	3420
4.35.1	Turning radius rear		mm	2350
4.36	Internal turning radius	b ₁₃	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	%	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 / 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 1)	K ₅	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

1) 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 CESAB 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

EXAMPLE OF GRAPH READING:

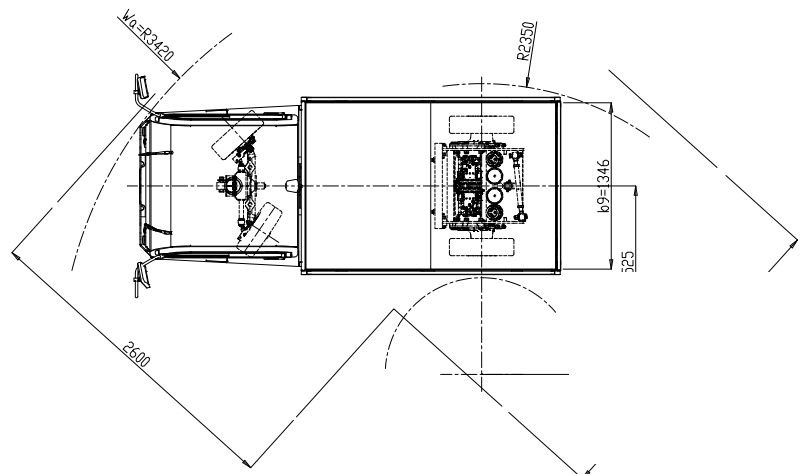
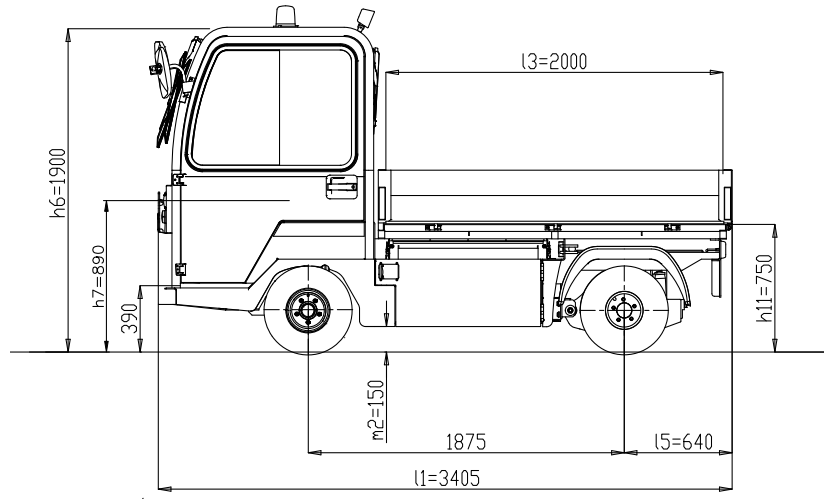
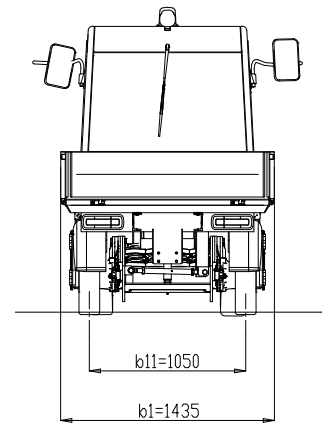
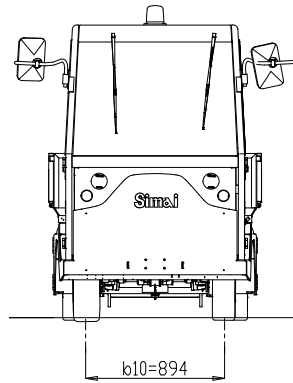
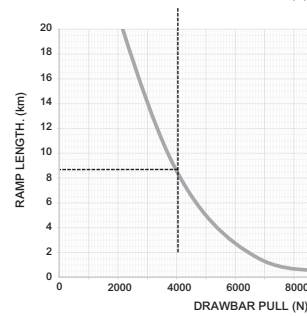
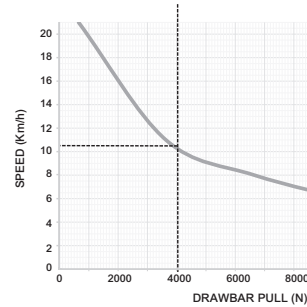
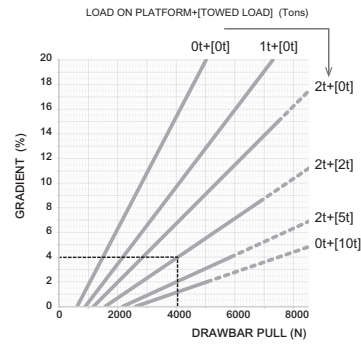
TOWED LOAD = 1,5 t + [2 t]

GRADIENT (i) = 5 %

DRAWBALL PUL (F) = 3900 N

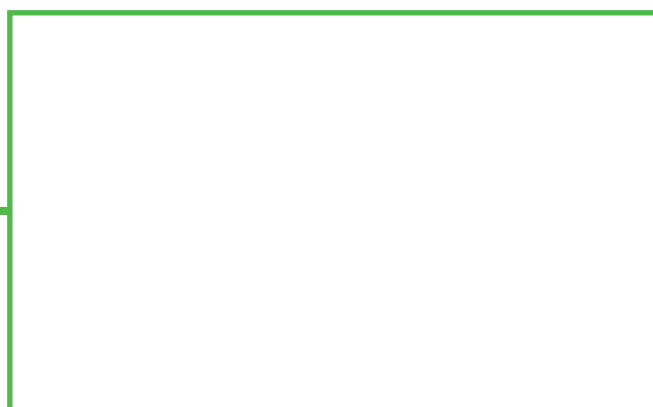
SPEED (V0) = 10 km/h

MAX. PRACTICABLE RAMP LENGTH (s) = 9 km



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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