

# Rider seated stacker truck 1.35 - 1.6 ton

## BT staxio

*R-series*

SRE135/L

SRE160/L



# Stacker truck

Specification for stacker trucks					SRE135	SRE135L	SRE160	SRE160L
Identification	1.1	Manufacturer			BT	BT	BT	BT
	1.2	Model			SRE135	SRE135L	SRE160	SRE160L
	1.3	Drive			Electric	Electric	Electric	Electric
	1.4	Operator type			Seated	Seated	Seated	Seated
	1.5	Load capacity/rated load	Q	kg	1350	1350	1600	1600
	1.6	Load centre	c	mm	600	600	600	600
	1.8	Load distance, front axle to fork face Duplex	x	mm	809	812	782	785
Weight	2.1	Service weight with battery		kg	1175-1240	1175-1240	1295-1585	1295-1585
	2.2	Axle load, with load, drive/castor/support arm wheel		kg	1535/1490/1790	1535/1490/1790	1655/1610/2150	1655/1610/2150
	2.3	Axle load, without load, drive/castor/support arm wheel		kg	1405/1360/570	1405/1360/570	1530/1480/680	1530/1480/680
Wheels	3.1	Drive/castor/fork wheel			Polyurethane	Polyurethane	Polyurethane	Polyurethane
	3.2	Wheel size, front		mm	Ø85	Ø85	Ø85	Ø85
	3.3	Wheel size, rear		mm	Ø250	Ø250	Ø250	Ø250
Dimensions	4.2	Height, mast lowered	$h_1$	mm	2212	2212	2438	2438
	4.3	Free lift	$h_2$	mm	1743	1743	1943	1943
	4.4	Lift	$h_3$	mm	3260	3260	3660	3660
	4.5	Height, mast extended	$h_4$	mm	3867	3867	4293	4293
	4.7	Height of overhead guard	$h_6$	mm	1980	1980	1980	1980
	4.8	Seat height	$h_7$	mm	900-980	900-980	900-980	900-980
	4.15	Height, fork lowered	$h_{13}$	mm	90	90	90	90
	4.19	Overall length	$l_1$	mm	2194	2235	2240	2281
	4.20	Length to face of forks	$l_2$	mm	1044	1085	1090	1131
	4.21	Overall width	$b_1$	mm	1020	1020	1020	1020
	4.22	Fork dimensions	e/l	mm	180/1150	180/1150	180/1150	180/1150
	4.25	Width over forks	$b_5$	mm	570	570	570	570
	Performance data	5.1	Travel speed, with/without load		km/h	8,6/9,4	8,6/9,4	8,6/9,4
5.2		Lift speed, with/without load		m/s	-/0,36 <sup>2)</sup>	-/0,36 <sup>2)</sup>	0,15/0,25	0,15/0,25
5.3		Lowering speed, with/without load		m/s	0,46 <sup>2)/</sup> 0,35	0,46 <sup>2)/</sup> 0,35	0,46/0,40	0,46/0,40
5.8		Max. gradeability, with/without load <sup>1)</sup>		%	8/15	8/15	8/15	8/15
5.10		Service brake			Hydraulic	Hydraulic	Hydraulic	Hydraulic
5.11		Parking brake			Mechanical	Mechanical	Mechanical	Mechanical
Electric motor	6.1	Drive motor rating S2 60 min		kW	2,6	2,6	2,6	2,6
	6.2	Lift motor rating at S3 20%		kW	5,0	5,0	5,0	5,0
	6.4	Battery voltage/nominal capacity $K_s$		V/Ah	24/360-450	24/360-450	24/480-600	24/480-600
	6.5	Battery weight min./max.		kg	370-449	370-449	450-530	450-530
Others	8.1	Type of drive control			Stepless	Stepless	Stepless	Stepless

1) Measured according to company standard

2) Valid for trucks with Triplex Hi-Lo mast

All data are based on table configuration. Other configurations may give other values.

Truck performance and dimensions are nominal and subject to tolerances.

BT products and specifications are subject to change without notice.

# Mast dimensions

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SRE135/SRE135L			Duplex Tele				Duplex HiLo			Triplex HiLo			
$h_{23}$	Lift height ( $h_{13}+h_3$ )	mm	2800	3350	3750	4150	2900	3350	3750	4150	4500	4800	5400
$h_1$	Height, mast lowered	mm	1937	2212	2422	2622	1987	2212	2422	1948	2065	2165	2365
$h_2$	Free lift	mm	—	—	—	—	1518	1743	1943	1476	1592	1692	1892
$h_4$	Height, mast extended	mm	3317	3867	4277	4677	3417	3867	4277	4670	5021	5321	5921

SRE160/SRE160L			Duplex Tele				Duplex HiLo			Triplex HiLo				
$h_{23}$	Lift height ( $h_{13}+h_3$ )	mm	2900	3350	3750	4150	2900	3350	3750	4400	4800	5400	5700	6300
$h_1$	Height, mast lowered	mm	2013	2238	2438	2638	2013	2238	2438	2075	2208	2408	2508	2708
$h_2$	Free lift	mm	—	—	—	—	1518	1743	1943	1465	1598	1798	1898	2098
$h_4$	Height, mast extended	mm	3443	3893	4293	4693	3443	3893	4293	5058	5458	6058	6358	6958



