



Product Information

SR 1.35/L
SR 1.6/L

Rider Seated Stacker for high productivity in intensive operations

BT offers a choice of rider seated stackers, with capacities of 1350 and 1600kg. The machines have been developed with a focus on driver ergonomics, recognizing its impact on overall productivity.

The SR 1.35 L and SR 1.6 L versions of the rider seated stacker range feature elevating support arms that allow effective operation on ramps or over uneven surfaces.

- Two pallet handling. Two separate loads may be carried at the same time — 675kg on the support arms, 675kg on the fork (SR 1.35 L) — 800kg on the support arms, 800kg on the fork (SR 1.6 L). Lift height is then maximized to 1200mm.
- Electronic steering is a standard feature. The traditional steering wheel is replaced by a small “spinner wheel” that provides fingertip control for the highest levels of manoeuvrability.
- The driver’s cab provides total protection for the operator, and comfort is assured with fully adjustable seat and pedal positions.
- The pedals are laid out as in a car to ensure ease and familiarity in operation.
- Controls and instruments are well laid-out, and include a combined battery condition indicator/hour meter.
- The battery is easily changed in multishift operation via a built-in rollerbed system.
- The machine is based upon BT’s advanced reach truck design, providing excellent servicing features and easy access to all parts and components.

Options

- Side Stabilizers (Triplex mast only)
- Load support
- Battery Change Trolley



Technical Details		SR 1.35/1.35 L	SR 1.6/1.6 L
Power unit		electrical, battery	electrical, battery
Operating type		ride on	ride on
Rated capacity	kg	1350	1600
Load centre	mm	600	600
Weight without battery	kg	1400 (h ₃ = 5400/1575)	1570 (h ₃ = 6300/1745)
Max. axle pressure castor/drive wheels	kg		
without load		1360/1405	1480/1530
with rated load	kg	1490/1535	1610/1655
Max. axle pressure support arm wheels	kg		
without load		570/660	680/705
with rated load	kg	1790/1880	2150/2180
Wheel type		polyurethane	polyurethane
dimension, support arm wheels	mm	Ø 85x75 ¹⁾	Ø 85x75 ¹⁾
dimension, drive wheel	mm	Ø 250	Ø 250
dimension, castor wheels	mm	Ø 150x50	Ø 150x50
Travel speed, without/with rated load	m/s	2.6/2.4	2.6/2.4
Lift speed, without/with rated load	m/s	0.36 ²⁾ /—	0.25/0.15
with 1000 kg load	m/s	0.23 ²⁾	0.19
with 1350 kg load	m/s	0.20 ²⁾	0.17
Lowering speed, without/with rated load	m/s	0.35/0.46 ²⁾	0.4/0.46
Gradient, without/with rated load	%	15/8	15/8
Service brake		hydraulic	hydraulic
Parking brake		mechanical	mechanical
Drive motor/Intermittent rating	kW/%	2.6/60	2.6/60
Lift motor/Intermittent rating	kW/%	5.0/20	5.0/20
Battery weight	kg	380, 484, 493	380, 484, 493
Battery (5h discharge), max.	V/Ah	24/360, 24/480, 24/584	24/360, 24/480, 24/584
Steering system		electronical	electronical
Speed control, number of steps		transistor, stepless	transistor, stepless
Number of steering wheel turnings		6 or 6—12	6 or 6—12

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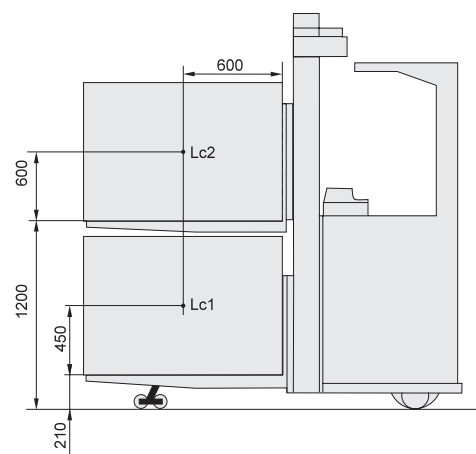
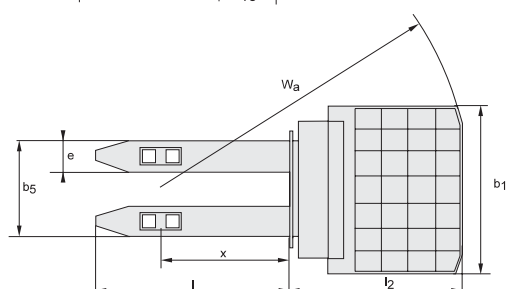
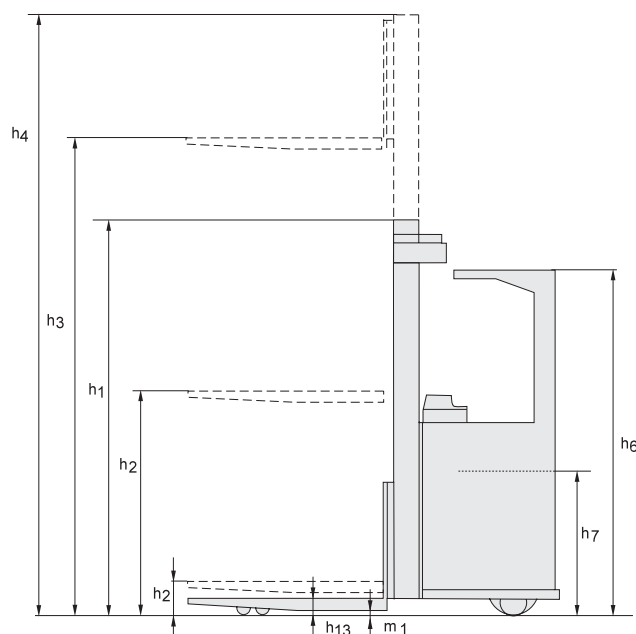
2) Valid for trucks with Triplex Hi-Lo mast

Dimensions, mm		SR 1.35/1.35 L	SR 1.6/1.6 L
x	Front axle to fork front face, Tele, Hi-Lo	827/830	782/785
x	Front axle to fork front face, Triplex	809/812	782/785
h ₆	Height of cab	1980	1980
h ₇	Height of driver's seat	900—980	900—980
h ₁₃	Height of lowered fork	90	90
l ₂	Truck length incl. back of fork, Duplex/Triplex	1044, 1063/1085, 1104	1090, 1090/1131, 1131
b ₁	Chassis, width	1020	1020
e	Fork width	180	180
l	Fork length	1150	1150
b ₅	Width across fork	570	570
m ₁	Floor clearance	25 / See sketch	25 / See sketch
W _a	Turning radius	1912/1955	1912/1955

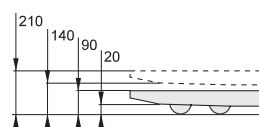
Truck performance and dimensions are nominal and subject to tolerances.
BT Products AB products and specifications are subject to change without notice.
All data is based on VDI 2198.

Mast, mm											
h_3 Lift height	2800	2900	3350	3750	4150	4400	4500	4800	5400	5700	6300
Duplex Tele											
SR 1.35/1.35 L											
h_1 Height of mast, min. ¹⁾	1937		2212	2422	2622						
h_2 Free lift	—		—	—	—						
h_4 Height of mast, max. ¹⁾	3317		3867	4277	4677						
SR 1.6/1.6 L											
h_1 Height of mast, min. ¹⁾		2013	2238	2438	2638						
h_2 Free lift		—	—	—	—						
h_4 Height of mast, max. ¹⁾		3443	3893	4293	4693						
Duplex Hi-Lo											
SR 1.35/1.35L											
h_1 Height of mast, min. ¹⁾		1987	2212	2422	2622						
h_2 Free lift		1518	1743	1943	2143						
h_4 Height of mast, max. ¹⁾		3417	3867	4277	4677						
SR 1.6/1.6L											
h_1 Height of mast, min. ¹⁾		2013	2238	2438	2638						
h_2 Free lift		1518	1743	1943	2143						
h_4 Height of mast, max. ¹⁾		3443	3893	4239	4693						
Triplex Hi-Lo											
SR 1.35/1.35L											
h_1 Height of mast, min. ¹⁾					1948		2065	2165	2365		
h_2 Free lift					1476		1592	1692	1892		
h_4 Height of mast, max. ¹⁾					4670		5021	5321	5921		
SR 1.6/1.6L											
h_1 Height of mast, min. ¹⁾						2075		2208	2408	2508	2708
h_2 Free lift						1465		1598	1798	1898	2098
h_4 Height of mast, max. ¹⁾						5058		5458	6058	6358	6958

1) Mast height +120 mm with raised support arms



SR 1.35L/1.6L





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