

# MAST PERFORMANCE AND CAPACITY



## SBV12P(I)-16P(I)(S) Series

### PLATFORM STACKERS

1.2 – 1.6 tonnes

- DS = Duplex with clear-view mast
- DEV = Duplex with full free lift
- TREV = Triplex with full free lift
- h3+h13 = Lifting height
- h1 = Lowered mast height
- h2+h13 = Free lift

- Ast = Working aisle width
- Ast3 = Working aisle width (b12 < 1000 mm)
- Ast =  $Wa + \sqrt{(l6 - x)^2 + (b12 / 2)^2} + a$
- Ast3 =  $Wa + l6 - x + a$

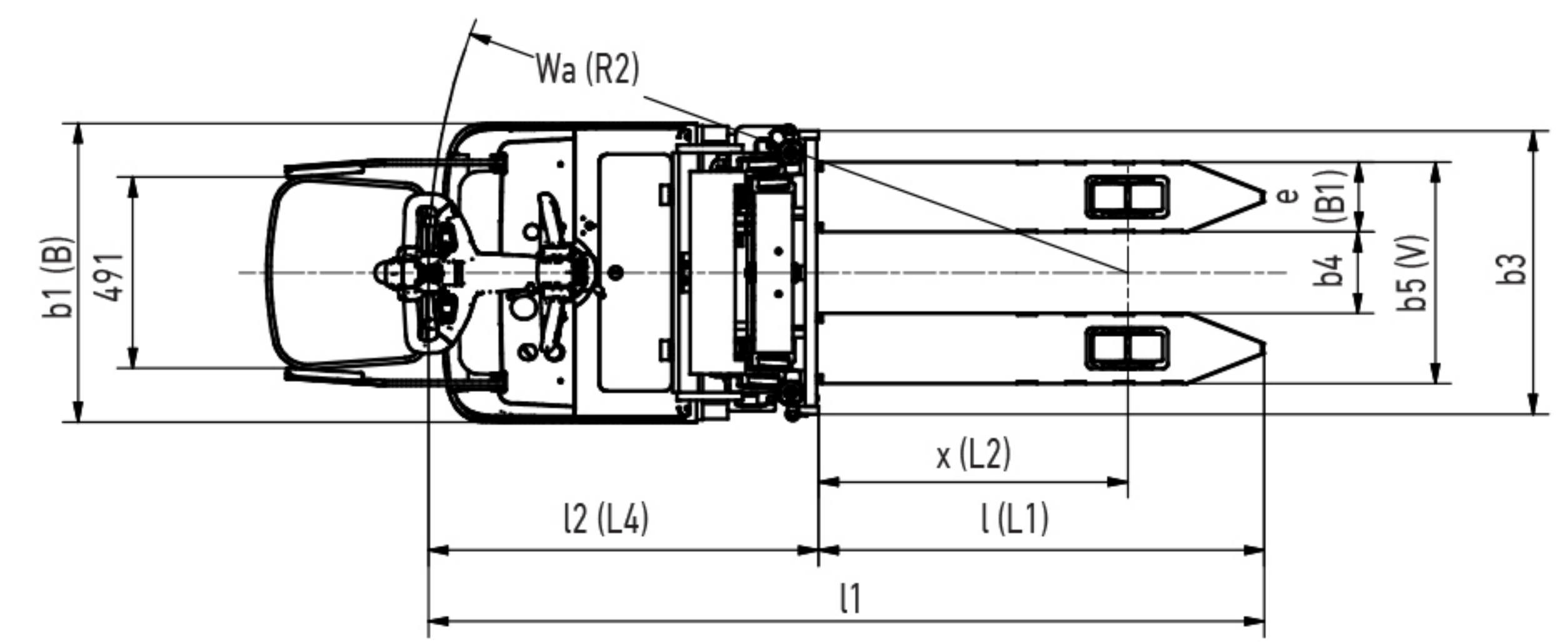
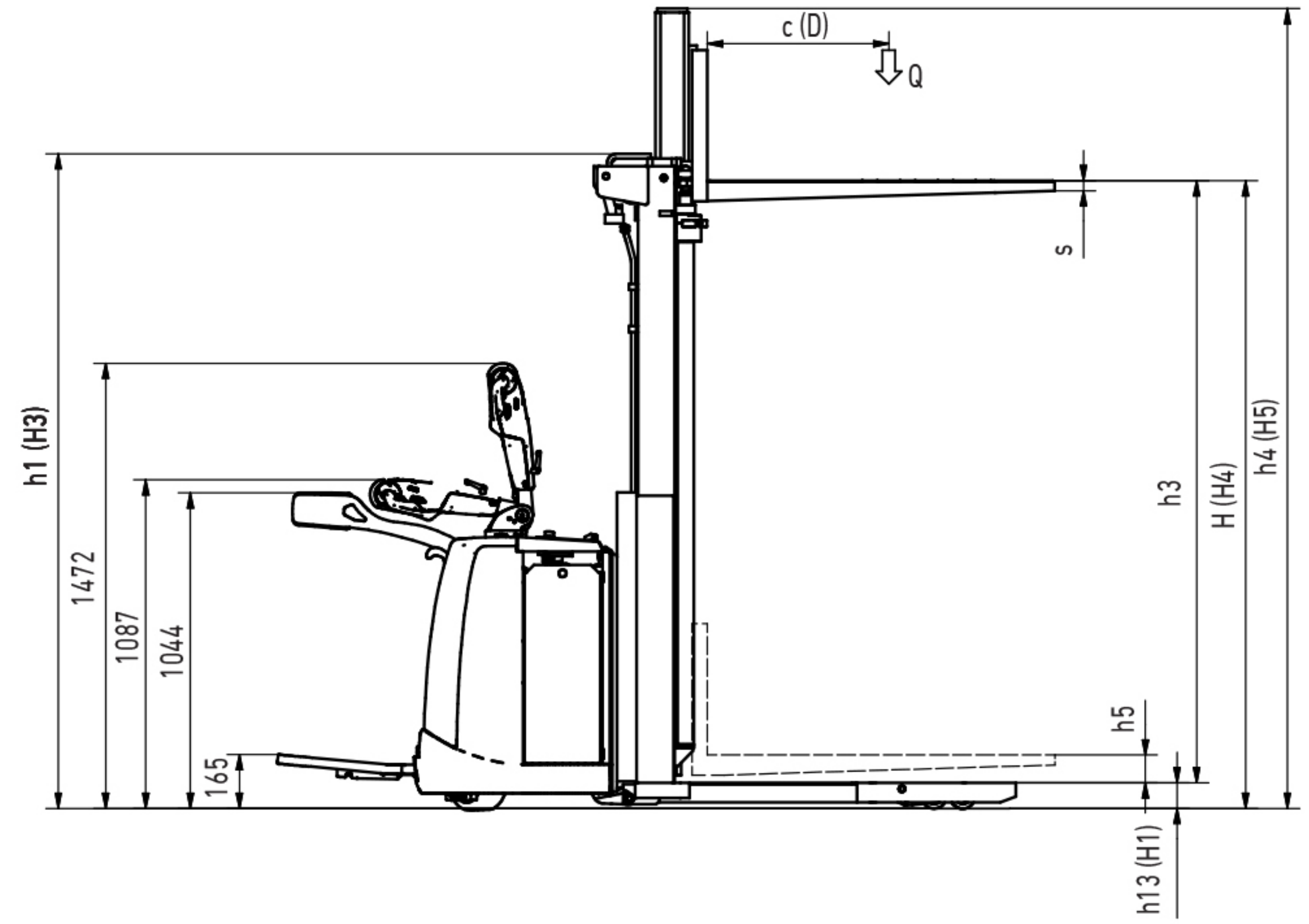
- Wa = Turning radius
- l6 = Pallet length
- x = Load wheel axle to fork face
- b12 = Pallet width
- a = Safety clearance = 2 x 100 mm

MAST TYPE	h3 + h13 mm	h1* mm	h2 + h13 mm
<b>SBV12P(I)</b>			
DUPLEX (DS)	2690	1845	80
	2990	1995	80
	3290	2150	80
	3590	2300	80
	4190	2600	80
DUPLEX FREE-LIFT (DEV)	2690	1845	1433
	2990	1995	1583
	3290	2150	1738
	3590	2300	1888
	4190	2600	2188

MAST TYPE	h3 + h13 mm	h1* mm	h2 + h13 mm
<b>SBV16P(I)(S)</b>			
DUPLEX (DS)	1670	1390	130
	2400	1755	130
	2900	2005	130
	3200	2155	130
	3600	2355	130
	3800	2455	130
	4200	2655	130
	4350	-	-
4800	-	-	
5400	-	-	
DUPLEX FREE-LIFT (DEV)	1670	1385	835
	2400	1750	1200
	2900	2000	1450
	3200	2150	1600
	3600	2350	1800
	3800	2450	1900
	4200	2650	2100
TRIPLEX FREE-LIFT (TREV)	3600	1750	1270
	4350	2000	1520
	4800	2150	1670
5400	2350	1870	

\*I model h1 + 110mm when support legs in upper position; S model h1 - 30 mm

### SBV12 - 16P(I)



### SBV16P(S)

