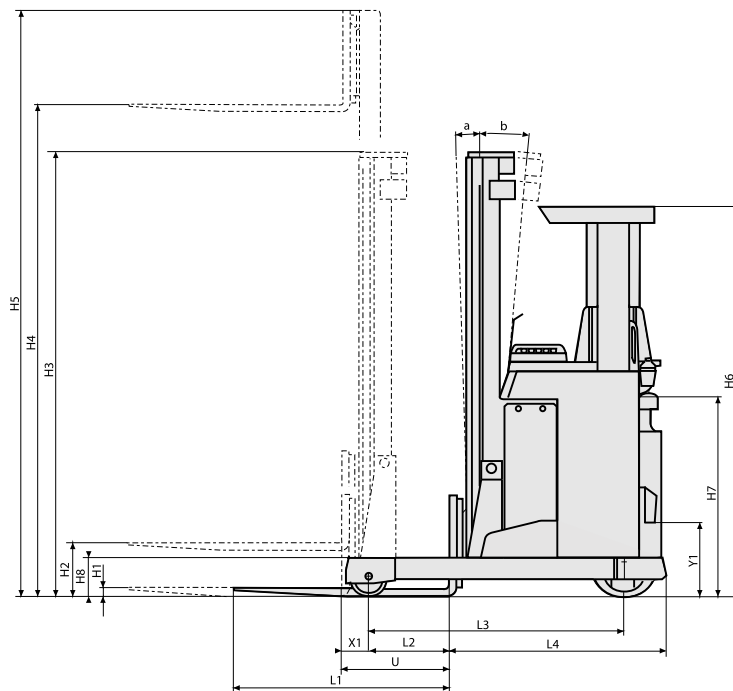
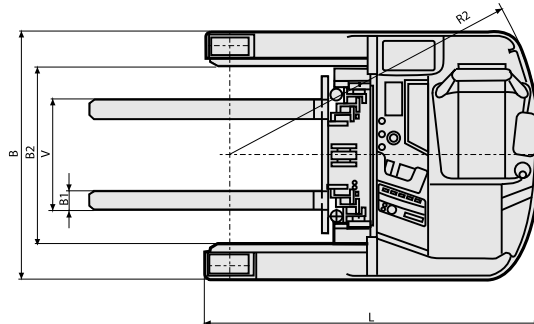




## UNS 140

Outstanding RSI-beating ergonomics, matchless AC-power performance and unique facility for driver customisation. Optimum productivity and minimum downtime.



Mast type	Standard lift height H4	Min mast height H3	Max mast height H5
Telescopic			
Double telescopic	4800	2140	5330
	5400	2340	5930
	5700	2440	6230
	6300	2640	6830
	6750	2790	7280
	7250	2957	7780

	Specification			UNS 140	
	<b>Lift capacities</b>	0	Specification		
0a		Straddle leg position			
1		Lift capacity	Q	kg	1400
1a		Load centre	D	mm	600
2		Lift height	H4	mm	See table
2a		Mast height	H3/H5	mm	See table
2b		Transport free lift	H2 T mast	mm	
2c		Full free lift	H2 DT mast	mm	H3 - 540
2d		Straddle lift		mm	
3		Mast tilt. Forward - backward			1/3 - 1/1
3a	Tilting forks. Forward - backward			1/4	
4	Lift speed. Without load - with normal load		m/s	0,71 - 0,54	
4a	Lift time. Without load - with normal load		s		
4b	Lift speed, ergolift. Without load - with normal load		m/s		
5	Lowering speed. Without load - with normal load		m/s	0,59 - 0,57	
5a	Lowering time. Without load - with normal load		s		
<b>Drive capacities</b>	6	Drive speed. Without load - with normal load		km/h	14,0 - 14,0
		Drive speed. Without load - with normal load		m/s	3,9 - 3,9
	6a	Acceleration 0-10 km/h			
		Without load - with normal load		s	2,5 - 3,0
	8	Gradient, without load / with normal load	max	%	18 / 15
	10	Turning radius	R2	mm	1593
	11	Smallest practical stacking aisle incl 200 mm play			
		Load length 1200 mm	Ast	mm	2638*
		Load length 1000 mm	Ast	mm	2438*
		Load length 800 mm	Ast	mm	2238*
		Aisle width requirement according to BITA GN9 UK market only	A1	mm	
			A2	mm	
			A3	mm	
	Smallest practical stacking aisle with pallet LL 1200 with the platform folded up/without platform	Min	mm		
11a	Intersecting aisle width. Load length 1200 mm	Min	mm		
11c	Max load length	LL	mm		
11d	Max load width	LB	mm		
<b>Truck measurements</b>	13	Height of overhead guard	H6	mm	2125
	13a	Height of driver seat	H7	mm	1020
	13b	Step-in height	Y1	mm	400
	13c	Floor height		mm	560
	13d	Width of open gate		mm	
	14	Truck length	L	mm	1715
	15	Truck width	B	mm	1288
	15a	Width over guide wheels	A	mm	
	15b	Width over stabilisers	S	mm	
	15c	Platform length		mm	
	15d	Platform width	B3	mm	
	15e	Height of platform gates		mm	
	16	Fork length	L1	mm	800/1000/1150
	17	Width over forks	V max/min	mm	697 / 316
	17a	Width between forks		mm	
	18	Reach length	U	mm	502*
	19	Distance from back plate to retracted fork heel	L4 T-mast	mm	
		Distance from back plate to retracted fork heel	L4 DT-mast	mm	1238*
	20	Fork arm, width - thickness	B1	mm	100 - 40
	20a	Fork height, min	H1	mm	50
	21	Straddle height	H8	mm	205
	22	Width between straddles	B2	mm	924
	22a	Width over straddles		mm	
23	Distance between front axle and retracted fork heel	L2	mm	355*	
23a	Distance between front axle and centre of attachment	L2	mm		
23b	Distance between front axle and heel of extended fork	X1	mm	147	
24	Axle distance	L3	mm	1371	
25	Wheel track, front rear (centre lines wheels)		mm	1140 - 0	
26	Ground clearance at half axle distance		mm	70	
<b>Weights</b>	27	Total weight with-without battery.		kg	3050 / 2100
	28	Max axle pressure, fork side, without/ with classified load		kg	1700 / 3800
	29	Max axle pressure, drive side, without/with classified load		kg	1950 / 1750
	30	Max wheel point loading, without/with normal load		MPa	4,2 - 6,3
<b>Motors</b>	39	Battery capacity		kWh/Ah	19,2-29,8 / 420-620
	39a	Battery voltage		V	48
	41	Drive motor		kW	7,5
	42	Speed regulation			Transistor
	43	Lift motor. Output/Interm. conn.time		kW-%/min	14
43a	Hydraulic pressure		MPa	21,0	
<b>Steering/brake system</b>	44	Wheel type, drive wheel/others			Vulcollan
	44a	Number of wheels, drive/castor - load wheels			1 - 2
	45	Wheel dimensions			
	45a	Load wheels - diameter x width		mm	(2) 200x110
	45b	Drive wheel - diameter x width		mm	(1) 350x140
	45c	Castor wheels - diameter x width		mm	
	46	Steering			El. servo
	47	Service brake - Type-acting on			El. - drive motor
48	Parking brake - Type-acting on.			Mech. - drive motor	

2006-07-11

\* Varies according to battery size

All rights reserved to change above specification