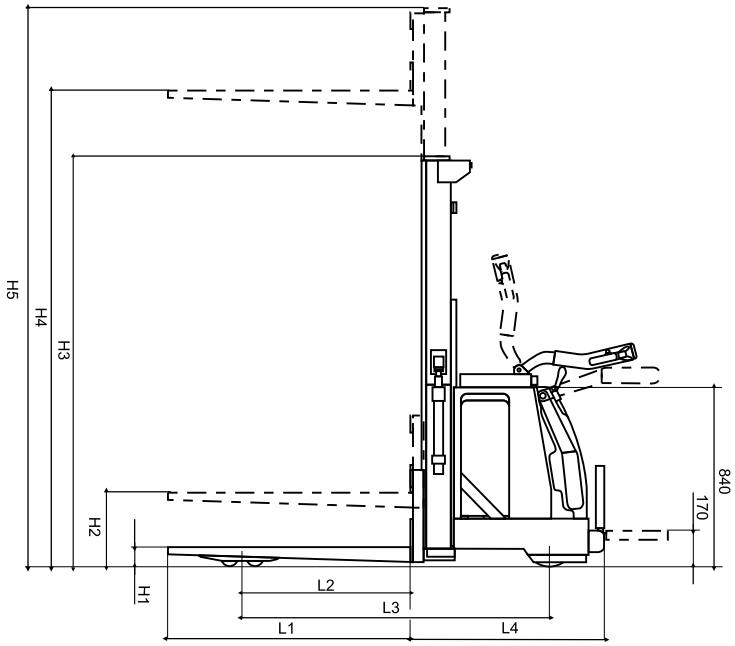
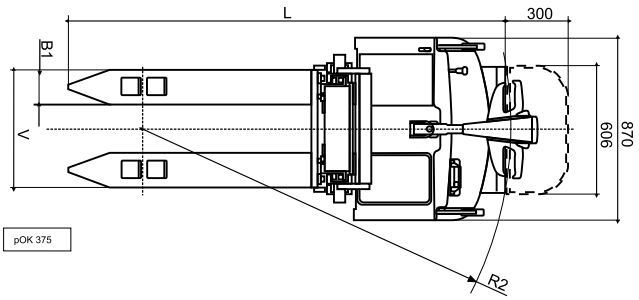
PEDESTRIAN STACKER

NOVA TSP 140TFV

Fast, powerful and highly manoeuvrable stacker/pallet transporter with advanced safety features. Ideal for the warehouse and the factory floor. Extras include superlight steering.





Mast type	Standard lift height H4	Min mast height H3	Max mast height H5
Telescopic	1670 2400 2900 3200 3600 3800 4200	1375 1740 1990 2140 2340 2440 2640	2170 2900 3400 3700 4100 4300 4700
Double telescopic			

ATLET

www.atlet.com

	0	Specification			NOVA TSP 140TFV
	0a	Straddle leg position			
Lift capacities	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	H3-497
	2c	Full free lift	H2 DT mast	mm	
	2d	Straddle lift		mm	110
	3	Mast tilt. Forward - backward			
	3a	Tilting forks. Forward - backward			
	4	Lift speed. Without load - with normal load		m/s	0,23 - 0,15
	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	0,35 - 0,50
	5a	Lowering time. Without load - with normal load		s	
Drive capacities	6	Drive speed. Without load - with normal load		km/h	6,0
		Drive speed. Without load - with normal load		m/s	1,67
	6a	Acceleration 0-10 km/h			
		Without load - with normal load		s	
	8	Gradient, without load / with normal load	max	%	20 / 10
	10	Turning radius	R2	mm	1784
	11	Smallest practical stacking aisle incl 200 mm play			
		Load length 1200 mm	Ast	mm	2674
		Load length 1000 mm	Ast	mm	2474
		Load length 800 mm	Ast	mm	2274
		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/folded down	Min	mm	2384/2684
	11a	Intersecting aisle width. Load length 1200 mm	Min	mm	
	11c	Max load length	LL	mm	
	11d	Max load width	LB	mm	
Truck measurements	13	Height of overhead guard	H6	mm	
	13a	Height of driver seat	H7	mm	
	13b	Step-in height	Y1	mm	
	13c	Floor height		mm	
	13d	Width of open gate		mm	
	14	Truck length	L	mm	L1 + L4
	15	Truck width	B	mm	870
	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	1000 / 1150
	17	Width over forks	V max/min	mm	560
	17a	Width between forks		mm	
	18	Reach length	U	mm	
	19	Distance from back plate to retracted fork heel	L4 T-mast	mm	959
		Distance from back plate to retracted fork heel	L4 DT-mast	mm	
	20	Fork arm, width - thickness	B1	mm	170 - 55
	20a	Fork height, min	H1	mm	90
	21	Straddle height	H8	mm	80
	22	Width between straddles	B2	mm	265
	22a	Width over straddles		mm	515
	23	Distance between front axle and retracted fork heel	L2	mm	650 / 800
	23a	Distance between front axle and centre of attachment	L2	mm	
	23b	Distance between front axle and heel of extended fork	X1	mm	
	24	Axle distance	L3	mm	1473
	25	Wheel track, front rear (centre lines wheels)		mm	390 / 562
	26	Ground clearance at half axle distance		mm	25
Weights	27	Total weight with-without battery.		kg	1230 / 960
	28	Max axle pressure,fork side,without/ with classified load		kg	340 /1290
	29	Max axle pressure,drive side, without/with classified load		kg	890 / 940
	30	Max wheel point loading, without/with classified load		MPa	
Motors					
	39	Battery capacity		kWh/Ah	5,8 / 240
	39a	Battery voltage		V	24
	41	Drive motor		kW	1,0 / 2,0
	42	Speed regulation			Transistor
	43	Lift motor. Output/Interm. conn.time		kW-%/min	3,25 - 20/10
	43a	Hydraulic pressure		MPa	15
Steering/brake system	44	Wheel type, drive wheel/others			Vulcollan
	44a	Number of wheels, drive/castor - load wheels			2 - 4
	45	Wheel dimensions			
	45a	Load wheels - diameter x width		mm	(4) x 85x75
	45b	Drive wheel - diameter x width		mm	(1) x 250x80
	45c	Castor wheels - diameter x width		mm	(1) x 150x60
	46	Steering			Tiller arm
	47	Service brake - Type-acting on			El. - drive motor
	48	Parking brake - Type-acting on.			El. - drive motor

2009-03-27

* Varies according to battery size

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