

ErgoPickers

EPH 125 DTFV / EPM 100 DTFV / EPM 100TV

1,250 kg high-level order picker with picking heights up to 12,100mm and 1,000 kg medium-level order picker with picking heights up to 9,850mm combine to provide great performance and productivity.



	0	Specification			EPH 125 DTFV	
Lift capacities	0a	Straddle leg position			Narrow	
	1	Lift capacity	Q	kg	1250	
	1a	Load center	D	mm	400-600	
	2	Lift height	H4	mm	6000-10500	
	2a	Mast height	H3/H5	mm	H3 = H4/3+770, H5 = H4+2160	
	2b	Transport free lift	H2 TV mast	mm	n/a	
	2c	Full free lift	H2 DT mast	mm	n/a	
	2d	Straddle lift		mm	n/a	
	3	Mast tilt – forward / backward			n/a	
	3a	Tilting forks – forward / backward			n/a	
	4	Lift speed – without load / with load			0.44 / 0.36	
	4a	Lift time – without load / with load			s	
	4b	Lift speed, ergolift – without load / with load			m/s	
Drive capacities	5	Lowering speed – without load / with load			0.41 / 0.45	
	5a	Lowering time – without load / with load			s	
	6	Drive speed – without load / with load			km/h	
	6a	Drive speed – without load / with load			m/s	
		Acceleration 1-10m				
		Without load / with load			s	
	8	Gradient – without load / with load			max	
	10	Turning radius			R2	
	11	Smallest practical stacking aisle incl. 200mm play				
		Load length 1200mm	Ast	mm		
		Load length 1000mm	Ast	mm		
		Load length 800mm	Ast	mm		
		Aisle width requirement according to BiTA GN9 UK market only	A1	mm		
Truck measurements			A2	mm		
			A3	mm		
		Smallest practical stacking aisle with pallet LL 1200 with the platform folded up / folded down	min	mm		
	11a	Intersecting aisle width. Load length 1200mm			min	
	11c	Max. load length			LL	
	11d	Max. load width			LB	
	13	Height of overhead guard			H6	
	13a	Height of driver seat			H7	
	13b	Step-in height			Y1	
	13c	Floor height			mm	
	13d	Width of open gate			mm	
	14	Truck length			L	
	15	Truck width			B	
Weights	15a	Width over guide wheels			A	
	15b	Width over stabilizers			S	
	15c	Platform length			mm	
	15d	Platform width			B3	
	15e	Height of platform gates			mm	
	16	Fork length			L1	
	17	Width over forks			V max/min	
	17a	Width between forks			mm	
	18	Reach length			U	
	19	Distance from back plate to retracted fork heel			L4 T-mast	
		Distance from back plate to retracted fork heel			L4 DT-mast	
	20	Fork arm width / thickness			B1	
	20a	Fork height – lowered max.			H1	
Motors	21	Straddle height			H8	
	22	Width between straddles			B2	
	22a	Width over straddles			mm	
	23	Distance between front axle and retracted fork heel			L2	
	23a	Distance between front axle and center of attachment			L2	
	23b	Distance between front axle and heel of extended fork			X1	
	24	Axle distance			L3	
	25	Wheel track, front rear (center lines wheels)			mm	
	26	Ground clearance at half axle distance			mm	
	27	Total weight with / without battery			kg	
	28	Max axle pressure, fork side, without / with classified load			kg	
	29	Max axle load, drive side, without / with classified load			kg	
	30	Max wheel point loading, without / with classified load			MPa	
Steering / brake system	39	Battery capacity			kWh/Ah	
	39a	Battery voltage			V	
	41	Drive motor			kW	
	42	Speed regulation			AC traction	
	43	Lift motor. Output / Interm. conn. time			kW-%/min	
	43a	Hydraulic pressure			MPa	
	44	Wheel type, drive wheel / others			Vulcollan	
	44a	Number of wheels, drive / caster – load wheels			1x / 8	
	45	Wheel dimensions				
	45a	Load wheels - diameter x width			150 x 55	
	45b	Drive wheel – diameter x width			355 x 155	
	45c	Caster wheels – diameter x width			n/a	
	46	Steering			EL power steering	
	47	Service brake – type-acting on			electric	
	48	Parking brake – type-acting on			electric	

* varies according to battery size

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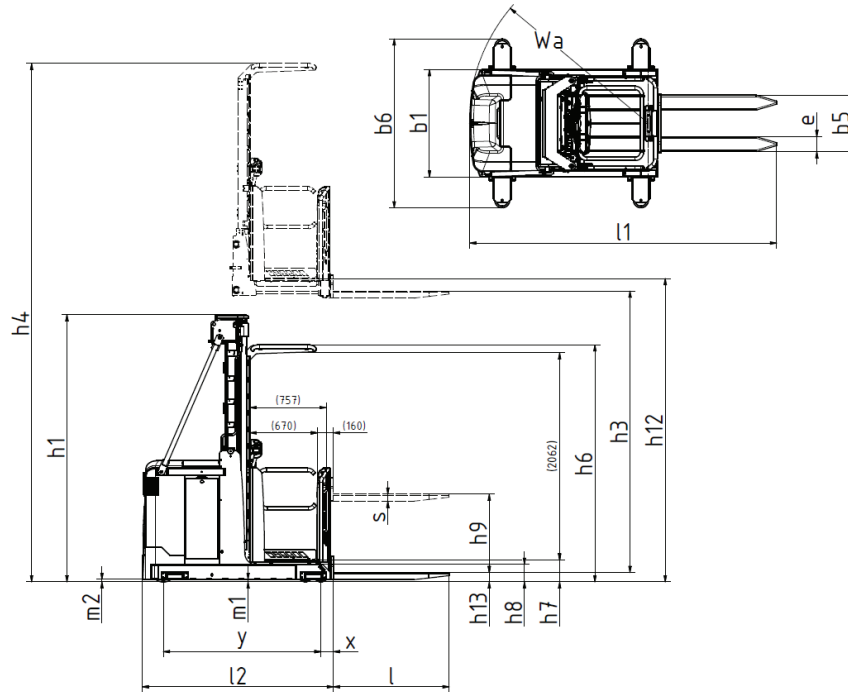
	0	EPM 100 DTFV		EPM 100 TV	
Lift capacities	0a	Narrow		Narrow	
	1	1000		1000	
	1a	400-600		400-600	
	2	5200-8250		3600-7400	
	2a	H3 = H4/3+637, H5=H4+2160		H3 =H4/2+592, H5 = H4+2140	
	2b	n/a		n/a	
	2c	n/a		n.a	
	2d	n/a		n/a	
	3	n/a		n/a	
	3a	n/a		n/a	
	4	0.37 / 0.26		0.32 / 0.21	
	4a				
	4b				
Drive capacities	5	0.43 / 0.45		0.4 / 0.4	
	5a				
	6	11 / 11		11 / 11	
	6a	5.8 / 6.3		5.8 / 6.3	
	8	7.1		7.1	
	10	1790		1790	
	11				
	11a				
	11c				
	11d				
Truck measurements	13	2356		2356	
	13a	215-H4		215-H4	
	13b	215-H4		215-H4	
	13c	5100-8250		3500-7400	
	13d				
	14	3135		3055	
	15	1070 / 1170		970 / 1070 / 1170	
	15a	1248-1814		1148-1814	
	15b	n/a		n/a	
	15c				
	15d	1050 / 1150 / 1300 / 1500		950 / 1050 / 1150 / 1300 / 1500	
	15e				
	16	1150		1150	
Weights	17	450-800		450-800	
	17a				
	18	n/a		n/a	
	19			1903	
		1982			
	20	147 / 70		147 / 70	
	20a	90		90	
	21	175		175	
	22	n/a		n/a	
	22a			n/a	
	23	125		125	
	23a				
	23b				
Motors	24	1568		1568	
	25	906 / 1006		806 / 906 / 1006	
	26	25		25	
	27	2060kg+91.5 x H4(m) Min batt		1850kg+96 x H4(m) Min batt.	
	28	1280 / 2860 Min batt.		1200 / 2750 Min batt.	
	29	1640 / 1060 Min batt.		1510 / 960 Min batt.	
	30	5.4 / 4.5			
	39	Min 560 / Max 775		Min 560 / Max 775	
	39a	24		24	
	41	2.7		2.7	
	42	AC traction		AC traction	
	43	8 (20%)		8 (20%)	
	43a				
Steering / brake system	44	Vulcollan		Vulcollan	
	44a	1x / 8		1x / 8	
	45				
	45a	150 x 55		150 x 55	
	45b	250 x 105		250 x 105	
	45c			n/a	
	46	EL power steering		EL power steering	
	47	Electric		Electric	
	48	Electric		Electric	

* varies according to battery size

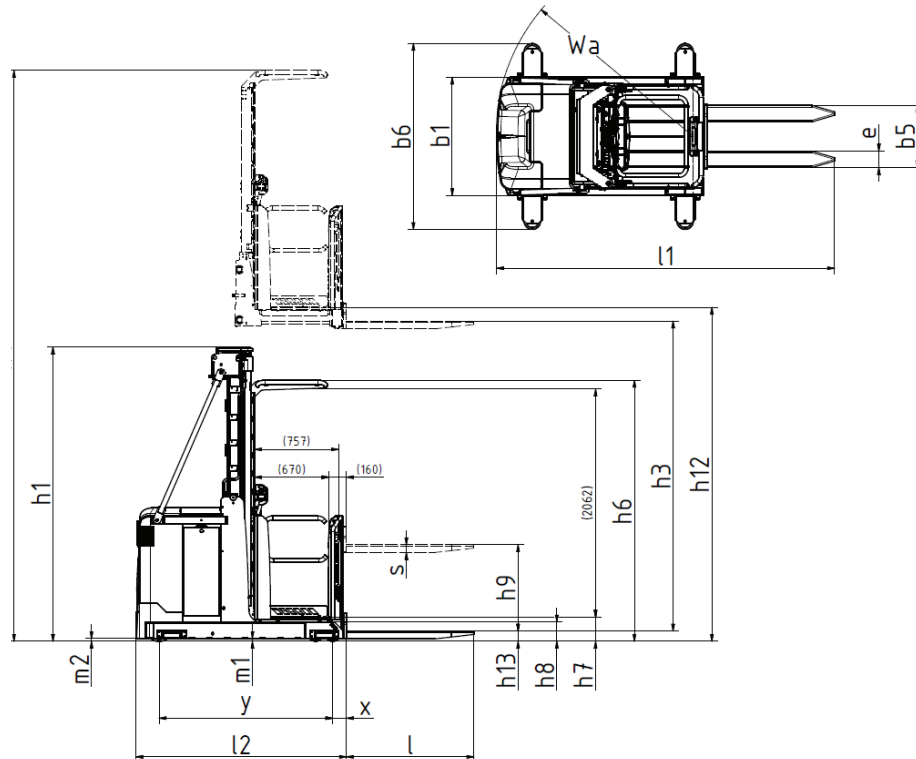
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Mast Type	Standard lift height H4	Min. mast height H3	Max
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EPH 125 DTFV



EPM 100 DTFV / TV



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