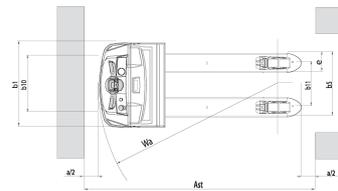
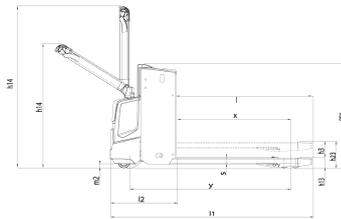


Pedestrian Pallet truck

MDW 180



Solid pedestrian pallet truck designed for constant use even in extreme conditions. Robust, well-protected construction and tested performance ensures the work is both pleasant and efficient. Easy to operate, even for inexperienced drivers and on uneven surfaces. Whether you are looking for a replacement for a hand pallet truck or a working machine for heavy-duty work, durable pallet trucks are perfect for different loading needs in stores, warehouses and loading docks.



Mast type	Lift height H / h12	Height of mast lowered h1	Max mast height h4
Triplex			
Standard/Duplex			

Distinguishing mark	0 Specification			MDW 180
		1.2	Manufacturer's type designation	
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Pedestrian
	1.5	Load capacity/rated load	Q t	1.8
	1.6	Load centre distance	c mm	600
	1.8	Load distance, centre of load axle to fork	X	960
	1.9	Wheelbase	y mm	1424
Weight	2.1	Service weight incl battery		kg 502
	2.2	Axle load, with load, front/rear		kg 806/1496
	2.3	Axle load, without load, front / rear		kg 381/121
	2.4	Axle load, fork outreached with load, front / rear		kg
	2.5	Axle load, fork retracted with load, front / rear		kg
Tyres, chassis	3.1	Tyres		Vulcollan
	3.2	Tyre size, drive side	mm	85x75
	3.3	Tyre size, load side	mm	230x70
	3.4	Dimensions additional wheels (castor wheels)	mm	100x40
	3.5	Wheels, number front/rear (drive side/load side, x = driven wheels)		4/1x+2
	3.6	Track, drive side	b10 mm	480
	3.7	Track, load side	b11 mm	375
Dimensions	4.1	Tilt of mast/fork carriage, forward/backward	Grad	
	4.2	Height, mast lowered	h1 mm	
	4.3	Free lift	h2 mm	
	4.4	Lift height H = h13+h3	H mm	135
	4.5	Height, mast extended	h4 mm	
	4.6	Straddle lift	h5 mm	-
	4.7	Height of overhead guard (cabin)	h6 mm	
	4.8	Seat height/stand height	h7 mm	
	4.10	Height of wheel arms	h8 mm	
	4.11	Additional lift	h9 mm	
	4.14	Stand height, elevated	h12 mm	
	4.15	Height lowered	h13 mm	85
	4.19	Overall length	l1 mm	1712
	4.20	Length to face of forks	l2 mm	562
	4.21	Overall width	b1 mm	720
	4.21.1	Width over stabilizers	mm	
	4.22	Fork dimensions	s/e/l mm	55/165/1150
	4.23	Fork carriage to ISO 2328, clas / form A, B		
	4.24	Width of fork carriage	b3 mm	
	4.25	Width over forks, min/max	b5 mm	540
	4.26	Distance between wheel arms	b4 mm	
	4.27	Width across guide rolls	b6 mm	
	4.28	Reach distance	l4 mm	
	4.29	Reach lateral	b7 mm	
	4.30	Reach lateral from vehicle centerline	b8 mm	
	4.31	Ground clearance, mast	m1 mm	
	4.32	Ground clearance, centre of wheelbase	m2 mm	30
	4.33	Aisle width with pallet 1000 x 1200, crosswise	Ast mm	1758
	4.34	Aisle width for pallet 800 x 1200, lengthwise	Ast mm	1958
	4.35	Turning radius	Wa mm	1518
	4.37	Length incl reach legs	l7 mm	
	4.38	Distance to swivelling-fork pivot	0 mm	
	Performance data	5.1	Travel speed, with/without load	km/h
5.1.1		Travel speed with/without load, backwards	km/h	
5.2		Lift speed, with/without load	m/s	0,035/0,045
5.3		Lowering speed, with/without load	m/s	0,05/0,05
5.4		Reach speed, with / without load	m/s	
5.7		Gradient, with/without load	%	10/20
5.8		Max gradeability, with / without load, 5 min rating	%	
5.9		Acceleration time 0-10 m, with/without load	s	
5.10		Service brake: electric, hydraulic		Electric
5.10.1		Parking brake: electric, hydraulic		Electric
Electric engine	6.1	Drive motor, rating S2 60 min	kW	1,0
	6.2	Lift motor	kW	0,8
	6.3	Battery according to DIN 43531/35/36	A,B,C	
	6.4	Battery voltage / Battery capacity	V/Ah	24/250
	6.5	Battery weight	kg	212
	6.6	Power consumption according to VDI cycle	kWh/h	
Additional data	8.1	Speed regulation		Stepless
	10.1	Operating pressure attachments	bar	
	10.2	Oil flow for attachments	l/min	
	10.7	Noise level at operator's ear, according to EN 12 053	db(A)	

* Varies according to battery size

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