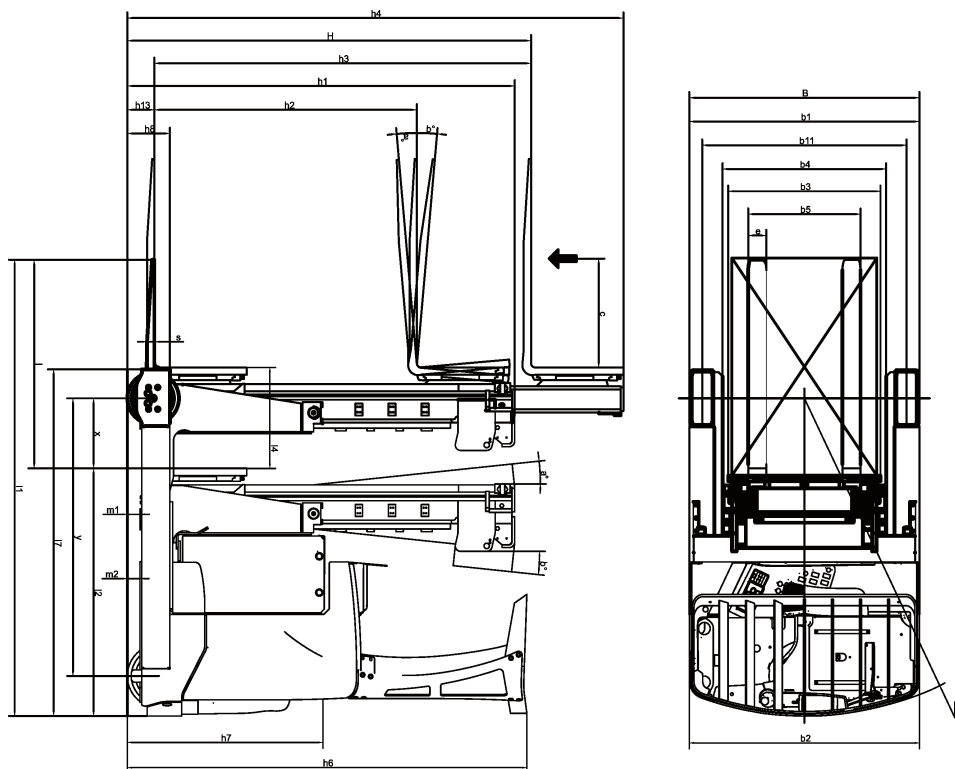


RTN 140DTFV



Mast type	Lift height H	Height of mast lowered h1	Max mast height h4
Standard/Duplex			
Triplex	4800	2140	5380
	5400	2340	5980
	5700	2440	6280
	6300	2640	6880
	6750	2790	7330
	7250	2957	7830
	7950	3190	8530
	8450	3357	9030
	8950	3523	9530

TCM

Distinguishing mark	0	Specification		RTN 140DTFV
	1.2	Manufacturer's type designation		UND 140DTFV
	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Electric
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated
	1.5	Load capacity/rated load	Q t	1.4
	1.6	Load centre distance	c mm	600
	1.8	Load distance, centre of load axle to fork	X	305-125*
	1.9	Wheelbase	y mm	1378
Weight	2.1	Service weight incl battery	kg	3010-3410*
	2.2	Axle load, with load, front/rear	kg	
	2.3	Axle load, without load, front / rear	kg	1780/1230*
	2.4	Axle load, fork outreached with load, front / rear	kg	570/3840*
	2.5	Axle load, fork retracted with load, front / rear	kg	1450/2960*
Tyres, chassis	3.1	Tyres		Vulcollan
	3.2	Tyre size, drive side	mm	355*155
	3.3	Tyre size, load side	mm	220*85
	3.4	Dimensions additional wheels (castor wheels)		mm
	3.5	Wheels, number front/rear (drive side/load side, x = driven wheels)		1x/2
	3.6	Track, drive side	b10 mm	0
	3.7	Track, load side	b11 mm	995
Dimensions	4.1	Tilt of mast/fork carriage, forward/backward		Grad
	4.2	Height, mast lowered	h1 mm	1/1-1/3 / 1/4
	4.3	Free lift	h2 mm	See table
	4.4	Lift height H = h13+h3	H mm	h3/3 -18
	4.5	Height, mast extended	h4 mm	See table
	4.6	Straddle lift	h5 mm	
	4.7	Height of overhead guard (cabin)	h6 mm	2205
	4.8	Seat height/stand height	h7 mm	1077
	4.10	Height of wheel arms	h8 mm	235
	4.11	Additional lift	h9 mm	
	4.14	Stand height, elevated	h12 mm	
	4.15	Height lowered	h13 mm	50
	4.19	Overall length	l1 mm	2443-2623*
	4.20	Length to face of forks	l2 mm	1293-1473*
	4.21	Overall width	b1 mm	1120
	4.21.1	Width over stabilizers	mm	
	4.22	Fork dimensions	s/e/l mm	40/100/800-1000-1150
	4.23	Fork carriage to ISO 2328, class / form A, B		2/A
	4.24	Width of fork carriage	b3 mm	830
	4.25	Width over forks, min/max	b5 mm	316/697
	4.26	Distance between wheel arms	b4 mm	900
	4.27	Width across guide rolls	b6 mm	
	4.28	Reach distance	l4 mm	457-227*
	4.29	Reach lateral	b7 mm	
	4.30	Reach lateral from vehicle centerline	b8 mm	
	4.31	Ground clearance, mast	m1 mm	70
	4.32	Ground clearance, centre of wheelbase	m2 mm	70
	4.33	Aisle width with pallet 1000 x 1200, crosswise	Ast mm	2716-2859*
	4.34	Aisle width for pallet 800 x 1200, lengthwise	Ast mm	2771-2945*
		Transfer aisle	0 mm	
	4.35	Turning radius	Wa mm	1598
	4.37	Length incl reach legs	l7 mm	1725
	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
	5.3	Lowering speed, with/without load		m/s
	5.4	Reach speed, with / without load		m/s
	5.7	Gradient, with/without load		%
	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		El. - drive motor
Electric engine	6.1	Drive motor, rating S2 60 min	kW	5.9
	6.2	Lift motor	kW	11
	6.3	Battery according to DIN 43531/35/36	A,B,C	43531 B
	6.4	Battery voltage / Battery capacity	V/Ah	48/450-750
	6.5	Battery weight	kg	731-1343*
	6.6	Power consumption according to VDI cycle	kWh/h	
Additional data	8.1	Speed regulation		Electric
	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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