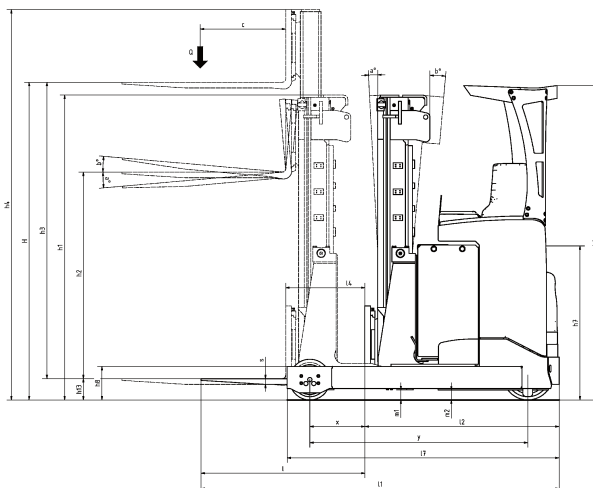
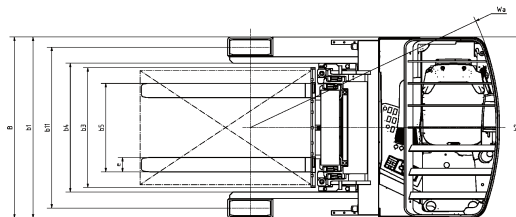


UMS 160

Market leading ergonomics with fully adjustable operator environment makes the operator focused and efficient all shift. Along with personal settings for top performance makes this a really efficient reach truck.



Mast type	Lift height H	Height of mast lowered h1	Max mast height h4
Standard/Duplex			
Triplex	4800	2140	5380
	5400	2340	5980
	6300	2640	6880
	6750	2790	7330
	7250	2957	7830
	7500	3040	8080
	7950	3190	8530
	8450	3357	9030
	8950	3523	9530

Distinguishing mark	0 Specification			UMS 160
		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		Seated
	1.5	Load capacity/rated load	Q t	1.6
	1.6	Load centre distance	c mm	600
	1.8	Load distance, centre of load axle to fork		X 439-295*
	1.9	Wheelbase	y mm	1448
Weight	2.1	Service weight incl battery		kg 3190-3590*
	2.2	Axle load, with load, front/rear		kg
	2.3	Axle load, without load, front / rear		kg 2000/1190*
	2.4	Axle load, fork outreached with load, front / rear		kg 650/4140*
	2.5	Axle load, fork retracted with load, front / rear		kg 1750-3040*
Tyres, chassis	3.1	Tyres		Vulcollan
	3.2	Tyre size, drive side		mm 355*155
	3.3	Tyre size, load side		mm 285*105, 230*105
	3.4	Dimensions additional wheels (castor wheels)		mm
	3.5	Wheels, number front/rear (drive side/load side, x = driven wheels)		1x2
	3.6	Track, drive side	b10 mm	0
	3.7	Track, load side	b11 mm	1130
Dimensions	4.1	Tilt of mast/fork carriage, forward/backward		Grad 1/1-1/3 - 1/4
	4.2	Height, mast lowered		h1 mm See table
	4.3	Free lift		h2 mm h3/3 -18
	4.4	Lift height H = h13+h3		H mm See table
	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 2379-2535*
	4.20	Length to face of forks		l2 mm 1229-1373*
	4.21	Overall width		b1 mm 1270
	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, clas / 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 912
	4.27	Width across guide rolls		b6 mm
	4.28	Reach distance		l4 mm 596-452*
	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 2689-2794*
	4.34	Aisle width for pallet 800 x 1200, lengthwise		Ast mm 2728-2857*
		Transfer aisle		0 mm
	4.35	Turning radius		Wa mm 1668
	4.37	Length incl reach legs		l7 mm 1800
	4.38	Distance to swivelling-fork pivot		0 mm
Performance data	5.1	Travel speed, with/without load		km/h 14.3/14.5
	5.1.1	Travel speed with/without load, backwards		km/h
	5.2	Lift speed, with/without load		m/s 0.49/0.80
	5.3	Lowering speed, with/without load		m/s 0.49/0.48
	5.4	Reach speed, with / without load		m/s 0,2 / 0,2
	5.7	Gradient, with/without load		% 8.5/11.1
	5.8	Max gradeability, with / without load, 5 min rating		%
	5.9	Acceleration time 0-10 m, with/without load		s 4,8/4,4
	5.10	Service brake: electric, hydraulic		Electric
	5.10.1	Parking brake: electric, hydraulic		EI. - drive motor
Electric engine	6.1	Drive motor, rating S2 60 min		kW 7.2
	6.2	Lift motor		kW 15
	6.3	Battery according to DIN 43531/35/36		A,B,C 43531 C
	6.4	Battery voltage / Battery capacity		V/Ah 48/450-750
	6.5	Battery weight		kg 735-1343*
	6.6	Power consumption according to VDI cycle		kWh/h
Additional data	8.1	Speed regulation		Electric
	10.1	Operating pressure attachments		bar 150
	10.2	Oil flow for attachments		l/min 25
	10.7	Noise level at operator's ear, according to EN 12 053		db(A) 60,8

* Varies according to battery size

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