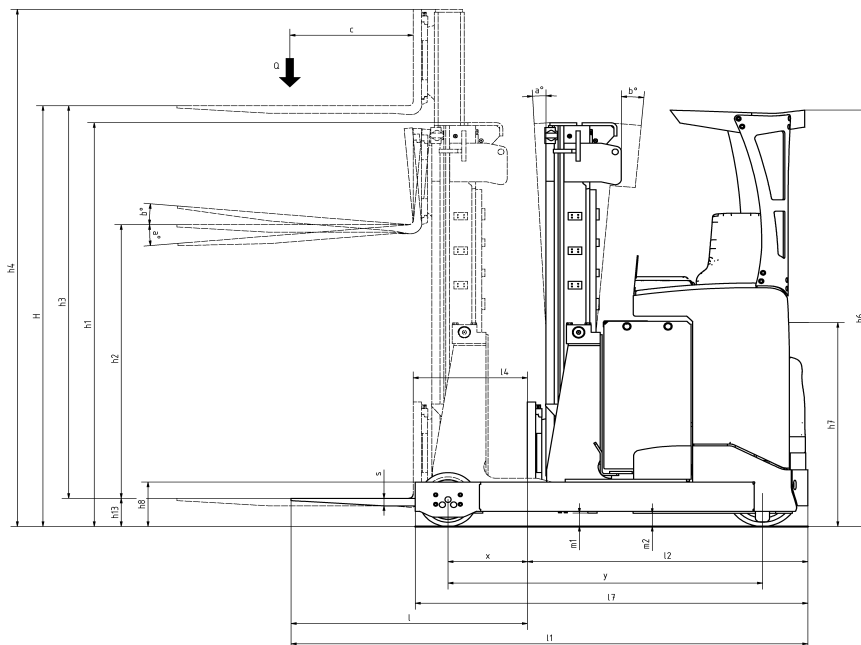
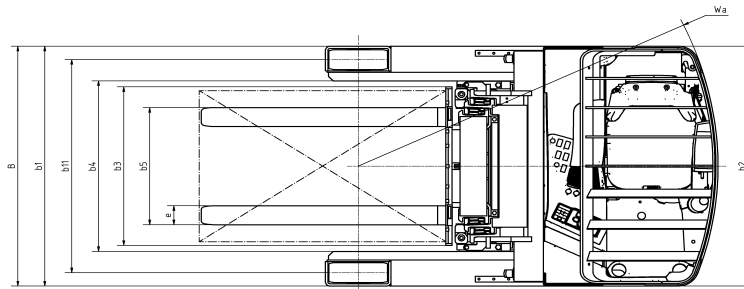




UMS 160

Market leading ergonomics with fully adjustable operator environment makes the operator focused and efficient all shift. Along with personal settings for top performance, this truck provides maximum productivity.



Mast type	Lift height h3	Min lift height h1	Max lift height h4
Standard/Duplex			
Triples	4800	2140	5380
	5400	2340	5980
	5700	2440	6280
	6300	2640	6880
	6750	2790	7330
	7250	2957	7830
	7500	3040	8080
	7950	3190	8530
8450	3357	9030	

Distinguishing mark	1.1	Manufacturer			ATLET
	1.2	Manufacturer's type designation			UMS 160
	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		kg	3190-3590*
	2.2	Axle loading, laden, drive side/load side		kg	650/4140*
	2.3	Axle loading, unladen, drive side/load side		kg	2000/1190*
Tyres, chassis	3.1	Tyres			Vulcollan
	3.2	Tyre size, drive side		mm	355x155 / 230x105
	3.3	Tyre size, load side		mm	285x105
	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	b ₁₀	mm	0
	3.7	Track, load side	b ₁₁	mm	1130
Dimensions	4.1	Tilt of mast/fork carriage, forward/backward		Grad	1/1 - 1/4
	4.2	Height, mast lowered	h ₁	mm	See table
	4.3	Free lift	h ₂	mm	h3/3 -h13
	4.4	Lift	h ₃	mm	See table
	4.5	Height, mast extended	h ₄	mm	See table
	4.6	Straddle lift	h ₅	mm	
	4.7	Height of overhead guard (cabin)	h ₆	mm	2205
	4.8	Seat height/stand height	h ₇	mm	1077
	4.10	Height of wheel arms	h ₈	mm	235
	4.11	Additional lift	h ₉	mm	
	4.14	Stand height, elevated	h ₁₂	mm	
	4.15	Height lowered	h ₁₃	mm	50
	4.19	Overall length	l ₁	mm	2379-2535*
	4.20	Length to face of forks	l ₂	mm	1229-1373*
	4.21	Overall width	b ₁	mm	1270
	4.21.1	Width over stabilizers		mm	
	4.22	Fork dimensions	s/e/l	mm	40/100/800-1000-1150
	4.25	Width over forks, min/max	b ₅	mm	316/697
	4.26	Distance between wheel arms	b ₄	mm	912
	4.28	Reach distance	l ₄	mm	596-452*
	4.32	Ground clearance, centre of wheelbase	m ₂	mm	70
4.33	Aisle width with pallet 1000 x 1200, crosswise	A _{st}	mm	2689-2794*	
4.34	Aisle width for pallet 800 x 1200, lengthwise	A _{st}	mm	2728-2857*	
4.35	Turning radius	W _a	mm	1668	
4.37	Length incl reach legs	l ₇	mm	1800	
Performance data	5.1	Travel speed, laden/unladen		km/h	14.3/14.5
	5.2	Lift speed, laden/unladen		m/s	0.49/0.80
	5.3	Lowering speed, laden/unladen		m/s	0.49/0.48
	5.7	Gradient, laden/unladen		%	8.5/11.1
	5.9	Acceleration time 0-10 km/h, laden/unladen		s	4.8/4.4
	5.10	Service brake: electric, hydraulic			Electric
	5.10.1	Parking brake: electric, hydraulic			
Electric engine	6.1	Drive motor		kW	7.2
	6.2	Lift motor		kW	15
	6.4	Battery voltage / Battery capacity		V/Ah	48/450-750
	6.5	Battery weight		kg	735-1343*
Additional data	8.1	Speed regulation			Electric
	8.2	Operating pressure attachments		bar	150

* Varies according to battery size

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