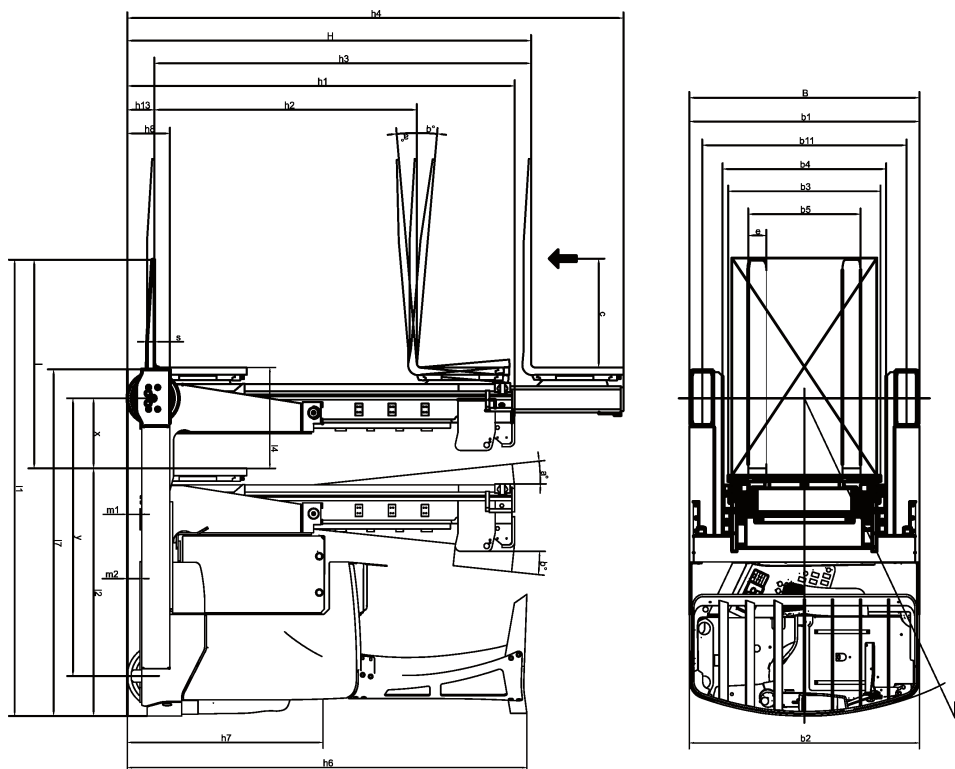


ULS 120T

Nimble and efficient reach truck for warehouse or factories in medium intense operations. High quality, performance and ergonomics for lowest total cost. Available with a wide range of options for perfect adaption to your material handling solution.



Mast type	Lift height H	Height of mast lowered h1	Max mast height h4
Standard/Duplex	3200	2170	3780
	3600	2370	4180
	3800	2470	4380
	4200	2670	4780
	4500	2820	5080
	4800	2970	5380
Triplex			

Distinguishing mark	Specification			ULS 120T		
	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	1.2		
1.6	Load centre distance	c	mm	600		
1.8	Load distance, centre of load axle to fork	X		307		
1.9	Wheelbase	y	mm	1378		
Weight	2.1	Service weight incl battery		kg	2510	
	2.2	Axle load, with load, front/rear		kg		
	2.3	Axle load, without load, front / rear		kg	1656/854*	
	2.4	Axle load, fork outreached with load, front / rear		kg	696/3041*	
	2.5	Axle load, fork retracted with load, front / rear		kg	1395/2315*	
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)			1x2	
	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	1/4	
	4.2	Height, mast lowered		h1	mm	See table
	4.3	Free lift		h2	mm	125
	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	2413
	4.20	Length to face of forks		l2	mm	1263
	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-,150
	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	900
	4.27	Width across guide rolls		b6	mm	
	4.28	Reach distance		l4	mm	459
	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	2701
	4.34	Aisle width for pallet 800 x 1200, lengthwise		Ast	mm	2768
		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	12.3/12.5	
	5.1.1	Travel speed with/without load, backwards		km/h		
	5.2	Lift speed, with/without load		m/s	0.46/0.54	
	5.3	Lowering speed, with/without load		m/s	0.58/0.60	
	5.4	Reach speed, with / without load		m/s	0,2/0,2	
	5.7	Gradient, with/without load		%		
	5.8	Max gradeability, with / without load, 5 min rating		%	7.5/11.1	
	5.9	Acceleration time 0-10 m, with/without load		s	4.9/4.4	
	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	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	48/420-450	
	6.5	Battery weight		kg	731-895*	
	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)	57,4	

* Varies according to battery size

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