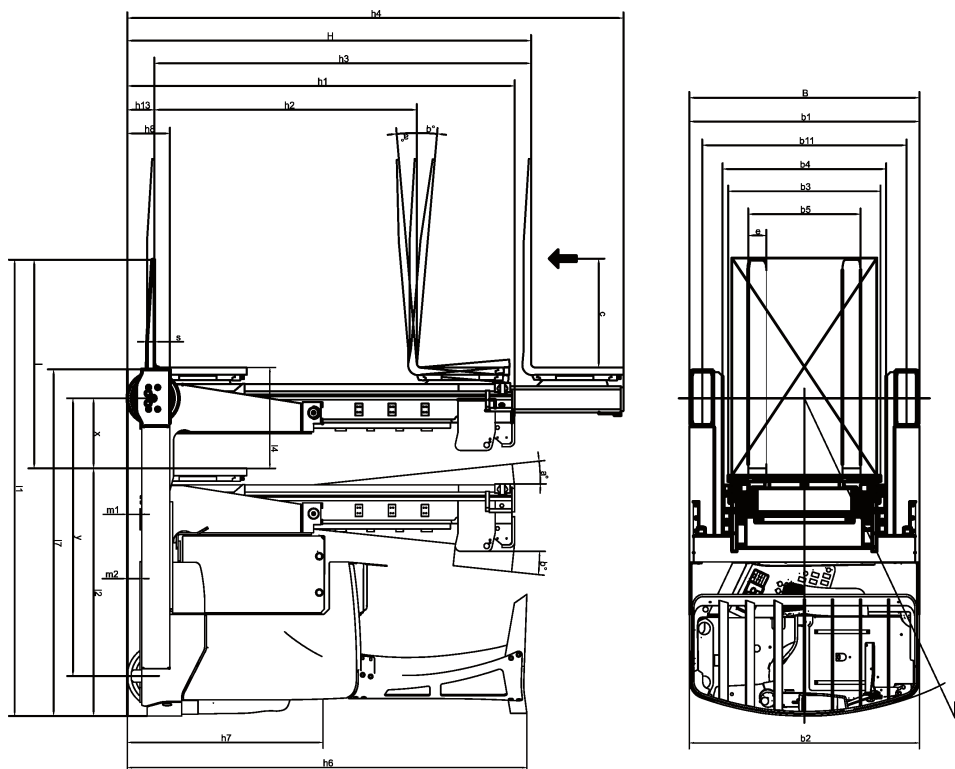


ULS 140T

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 140T
		0		
	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	1.4
	1.6	Load centre distance	c mm	600
	1.8	Load distance, centre of load axle to fork	X	307-217*
	1.9	Wheelbase	y mm	1378
Weight	2.1	Service weight incl battery	kg	2510-2710*
	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	560/3350*
	2.5	Axle load, fork retracted with load, front / rear	kg	1351/2259*
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
	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	2413-2503*
	4.20	Length to face of forks	l2 mm	1263-1353*
	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, 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	459-389*
	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	2701-2771*
	4.34	Aisle width for pallet 800 x 1200, lengthwise	Ast mm	2768-2851*
		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		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	48/450-600
	6.5	Battery weight	kg	731-1125*
	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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