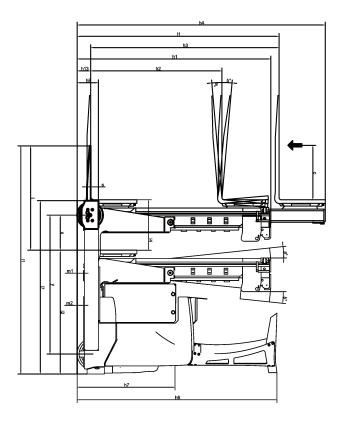
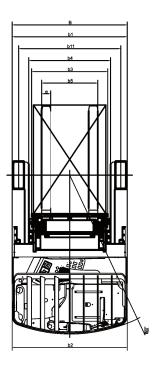


ULS 120T

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
	3200	2170	3780
<u>×</u>	3600	2370	4180
dn	3800	2470	4380
Q	4200	2670	4780
l Di	4500	2820	5080
ဗြိ	4800	2970	5380
Standard/Duplex			
Triplex			



ULS 120T

Distinguishing mark	0	Specification Manufacture decimal time			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
© E	1.6	Load centre distance	С	mm	600
sti	1.8	Load distance, centre of load axle to fork	X		307
ä	1.9	Wheelbase	У	mm	1378
	2.1	Service weight incl battery	У		2510
+-		<u> </u>		kg	2510
Weight	2.2	Axle load, with load, front/rear		kg	
e.	2.3	Axle load, wihtout 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*
Sis	3.1	Tyres			Vulcollan
	3.2	Tyre size, drive side		mm	355*155
as	3.3	Tyre size, load side		mm	220*85
Tyres, chassis		• •			220 65
	3.4	Dimensions additional wheels (castor wheels)		mm	
	3.5	Wheels, number front/rear (drive side/load side, x = driven wheels)			1x/2
Š	3.6	Track, drive side	b10	mm	0
-	3.7	Track, load side	b11	mm	995
	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		H		See table
		Lift height H = h13+h3		mm	
	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	255
	4.14		h12		
		Stand height, elevated		mm	
	4.15	Height lowered	h13	mm	50
	4.19	Overall length	l1	mm	2413
	4.20	Length to face of forks	12	mm	1263
SI	4.21	Overall width	b1	mm	1120
Ö	4.21.1	Width over stabilizers		mm	
isi	4.22	Fork dimensions	s/e/l	mm	40/100/800,1000-,150
ē			0/0/1		2/A
_ <u>≅</u> .					
.⊑	4.23	Fork carriage to ISO 2328, clas / form A, B	L 2		
Dimensions	4.24	Width of fork carriage	b3	mm	830
Dim	4.24 4.25	Width of fork carriage Width over forks, min/max	b5	mm mm	830 316/697
Dim	4.24 4.25 4.26	Width of fork carriage Width over forks, min/max Distance between wheel arms	b5 b4		830
Dim	4.24 4.25	Width of fork carriage Width over forks, min/max	b5	mm	830 316/697
Dim	4.24 4.25 4.26	Width of fork carriage Width over forks, min/max Distance between wheel arms	b5 b4	mm mm	830 316/697
Dim	4.24 4.25 4.26 4.27 4.28	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls	b5 b4 b6	mm mm mm	830 316/697 900
Dim	4.24 4.25 4.26 4.27 4.28 4.29	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral	b5 b4 b6 I4 b7	mm mm mm mm	830 316/697 900
Dim	4.24 4.25 4.26 4.27 4.28 4.29 4.30	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline	b5 b4 b6 l4 b7 b8	mm mm mm mm mm	830 316/697 900 459
Dim	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast	b5 b4 b6 l4 b7 b8 m1	mm mm mm mm mm mm	830 316/697 900 459
Dim	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase	b5 b4 b6 l4 b7 b8 m1 m2	mm mm mm mm mm mm mm	830 316/697 900 459 70
Dim	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise	b5 b4 b6 l4 b7 b8 m1 m2 Ast	mm	830 316/697 900 459 70 70 2701
Dim	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast	mm mm mm mm mm mm mm	830 316/697 900 459 70
Dim	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise	b5 b4 b6 l4 b7 b8 m1 m2 Ast	mm	830 316/697 900 459 70 70 2701
Dim	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast	mm	830 316/697 900 459 70 70 2701
Dim	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast	mm	830 316/697 900 459 70 70 2701 2768
Dim	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768
Dim	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0	mm	830 316/697 900 459 70 70 2701 2768 1598 1725
	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768
	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1.1	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load, backwards	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5
	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1.1 5.2	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load, backwards Lift speed, with/without load	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5
	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1,1 5.2 5.3	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load Lowering speed, with/without load Lowering speed, with/without load	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60
	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1.1 5.2	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load, backwards Lift speed, with/without load	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5
	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1,1 5.2 5.3	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load Lowering speed, with/without load Lowering speed, with/without load	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60
	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1.1 5.2 5.3 5.4 5.7	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed, with/without load Lowering speed, with/without load Reach speed, with/without load Reach speed, with/without load Gradient, with/without load	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60
	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1.1 5.2, 5.3 5.4 5.7 5.8	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed, with/without load Lowering speed, with/without load Reach speed, with/without load Gradient, with/without load Max gradeability, with / without load, 5 min rating	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0,2/0,2
	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 5.1 5.1,1 5.2 5.3 5.4 5.7 5.8 5.9	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load Lowering speed, with/without load Reach speed, with / without load Gradient, with/without load Max gradeability, with / without load Max gradeability, with / without load Acceleration time 0-10 m, with/without load	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0.2/0,2 7.5/11.1 4.9/4.4
Performance data Dim	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1,1 5.2 5.3 5.4 5.7 5.8 5.9 5.10	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed, with/without load Lowering speed, with/without load Reach speed, with/without load Gradient, with/without load Max gradeability, with / without load, 5 min rating Acceleration time 0-10 m, with/without load Service brake: electric, hydraulic	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0.2/0,2 7.5/11.1 4.9/4.4 Electric
	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1.1 5.2 5.3 5.4 5.7 5.8 5.9 5.10 5.10.1	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load Lowering speed, with/without load Reach speed, with / without load Gradient, with/without load Max gradeability, with / without load, 5 min rating Acceleration time 0-10 m, with/without load Service brake: electric, hydraulic	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0,2/0,2 7.5/11.1 4.9/4.4 Electric El drive motor
	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1,1 5.2 5.3 5.4 5.7 5.8 5.9 5.10 5.10.1	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed, with/without load Lowering speed, with/without load Reach speed, with/without load Gradient, with/without load Max gradeability, with / without load, 5 min rating Acceleration time 0-10 m, with/without load Service brake: electric, hydraulic Parking brake: electric, hydraulic Drive motor, rating S2 60 min	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0,2/0,2 7.5/11.1 4.9/4.4 Electric El drive motor 5.9
Performance data	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1,1 5.2 5.3 5.4 5.7 5.8 5.9 5.10 6.1 6.2	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load Lowering speed, with/without load Lowering speed, with/without load Gradient, with/without load Max gradeability, with / without load, 5 min rating Acceleration time 0-10 m, with/without load Service brake: electric, hydraulic Drive motor, rating \$2.60 min Lift motor	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0,2/0,2 7.5/11.1 4.9/4.4 Electric El drive motor 5.9 11
Performance data	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1,1 5.2 5.3 5.4 5.7 5.8 5.9 5.10 5.10.1	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed, with/without load Lowering speed, with/without load Reach speed, with/without load Gradient, with/without load Max gradeability, with / without load, 5 min rating Acceleration time 0-10 m, with/without load Service brake: electric, hydraulic Parking brake: electric, hydraulic Drive motor, rating S2 60 min	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0,2/0,2 7.5/11.1 4.9/4.4 Electric El drive motor 5.9
Performance data	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1,1 5.2 5.3 5.4 5.7 5.8 5.9 5.10 6.1 6.2	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load Lowering speed, with/without load Lowering speed, with/without load Gradient, with/without load Max gradeability, with / without load, 5 min rating Acceleration time 0-10 m, with/without load Service brake: electric, hydraulic Drive motor, rating \$2.60 min Lift motor	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0,2/0,2 7.5/11.1 4.9/4.4 Electric El drive motor 5.9 11
Performance data	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1,1 5.2 5.3 5.4 5.7 5.8 5.9 5.10,1 6.1 6.2 6.3 6.4	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load Lowering speed, with/without load Reach speed, with/without load Gradient, with/without load Gradient, with/without load Service brake: electric, hydraulic Parking brake: electric, hydraulic Drive motor, rating \$2 60 min Lift motor Battery according to DIN 43531/35/36 Battery voltage / Battery capacity	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0,2/0,2 7.5/11.1 4.9/4.4 Electric El drive motor 5.9 11 43531 B 48/420-450
	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1.1 5.2 5.3 5.4 5.7 5.8 5.9 5.10 6.1 6.2 6.3 6.4 6.5	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load Lowering speed, with/without load Coradient, with/without load Gradient, with/without load Max gradeability, with / without load, 5 min rating Acceleration time 0-10 m, with/without load Service brake: electric, hydraulic Drive motor, rating S2 60 min Lift motor Battery voltage / Battery capacity Battery weight	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0,2/0,2 7.5/11.1 4.9/4.4 Electric El drive motor 5.9 11 43531 B
Electric Performance data	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1.1 5.2.1 5.2 5.3 5.4 5.7 5.8 5.9 5.10 6.1 6.2 6.3 6.4 6.5 6.6	Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load Lowering speed, with/without load Lowering speed, with/without load Gradient, with/without load Max gradeability, with / without load, 5 min rating Acceleration time 0-10 m, with/without load Service brake: electric, hydraulic Parking brake: electric, hydraulic Drive motor, rating S2 60 min Lift motor Battery according to DIN 43531/35/36 Battery voltage / Battery capacity Battery weight Power consumption according to VDI cycle	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0,2/0,2 7.5/11.1 4.9/4.4 Electric El drive motor 5.9 11 43531 B 48/420-450 731-895*
Electric Performance data	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1.1 5.2 5.3 5.4 5.7 5.8 5.9 5.10 6.1 6.2 6.3 6.4 6.5 6.6 8.1	Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load Lowering speed, with/without load Reach speed, with/without load Gradient, with/without load Max gradeability, with / without load, 5 min rating Acceleration time 0-10 m, with/without load Service brake: electric, hydraulic Parking brake: electric, hydraulic Drive motor, rating \$2 60 min Lift motor Battery according to DIN 43531/35/36 Battery voltage / Battery capacity Battery weight Power consumption according to VDI cycle Speed regulation	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0,2/0,2 7.5/11.1 4.9/4.4 Electric El drive motor 5.9 11 43531 B 48/420-450 731-895* Electric
Electric Performance data	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1.1 5.2 5.3 5.4 5.7 5.8 5.9 5.10.1 6.1 6.2 6.3 6.4 6.5 6.6 8.1 10.1	Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed, with/without load Lowering speed, with/without load Reach speed, with/without load Gradient, with/without load Max gradeability, with / without load, 5 min rating Acceleration time 0-10 m, with/without load Service brake: electric, hydraulic Drive motor, rating S2 60 min Lift motor Battery according to DIN 43531/35/36 Battery voltage / Battery capacity Battery weight Power consumption according to VDI cycle Speed regulation Operating pressure attachments	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0.2/0,2 7.5/11.1 4.9/4.4 Electric El drive motor 5.9 11 43531 B 48/420-450 731-895* Electric 150
Electric Performance data	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1.1 5.2 5.3 5.4 5.7 5.8 5.9 5.10 6.1 6.2 6.3 6.4 6.5 6.6 8.1	Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load Lowering speed, with/without load Reach speed, with / without load Gradient, with/without load Max gradeability, with / without load Service brake: electric, hydraulic Parking brake: electric, hydraulic Drive motor, rating S2 60 min Lift motor Battery woltage / Battery capacity Battery weight Power consumption according to VDI cycle Speed regulation Operating pressure attachments Oil flow for attachments	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0,2/0,2 7.5/11.1 4.9/4.4 Electric El drive motor 5.9 11 43531 B 48/420-450 731-895* Electric
Electric Performance data	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1.1 5.2 5.3 5.4 5.7 5.8 5.9 5.10.1 6.1 6.2 6.3 6.4 6.5 6.6 8.1 10.1	Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed, with/without load Lowering speed, with/without load Reach speed, with/without load Gradient, with/without load Max gradeability, with / without load, 5 min rating Acceleration time 0-10 m, with/without load Service brake: electric, hydraulic Drive motor, rating S2 60 min Lift motor Battery according to DIN 43531/35/36 Battery voltage / Battery capacity Battery weight Power consumption according to VDI cycle Speed regulation Operating pressure attachments	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0.2/0,2 7.5/11.1 4.9/4.4 Electric El drive motor 5.9 11 43531 B 48/420-450 731-895* Electric 150
Performance data	4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1,1 5.2 5.3 5.4 5.7 5.8 5.9 5.10,1 6.1 6.2 6.3 6.4 6.5 6.6 8.1 10.1	Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral Reach lateral from vehicle centerline Ground clearance, mast Ground clearance, centre of wheelbase Aisle width with pallet 1000 x 1200, crosswise Aisle width for pallet 800 x 1200, lenghtwise Transfer aisle Turning radius Length incl reach legs Distance to swivelling-fork pivot Travel speed, with/without load Travel speed with/without load Lowering speed, with/without load Reach speed, with / without load Gradient, with/without load Max gradeability, with / without load Service brake: electric, hydraulic Parking brake: electric, hydraulic Drive motor, rating S2 60 min Lift motor Battery woltage / Battery capacity Battery weight Power consumption according to VDI cycle Speed regulation Operating pressure attachments Oil flow for attachments	b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	830 316/697 900 459 70 70 2701 2768 1598 1725 12.3/12.5 0.46/0.54 0.58/0.60 0.2/0,2 7.5/11.1 4.9/4.4 Electric El drive motor 5.9 11 43531 B 48/420-450 731-895* Electric 150 25

^{*} Varies according to battery size

0 Specification