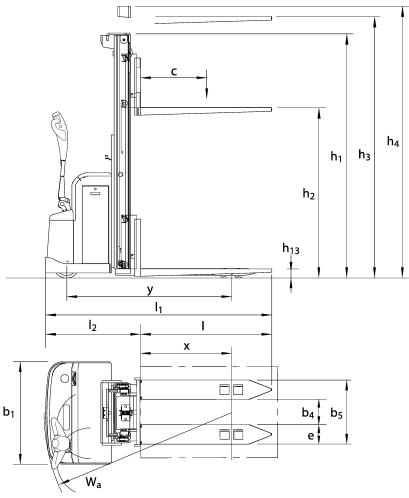
## **PEDESTRIAN STACKER**



## **PSH 160SDTFV**

The pedestrian stacker for heavy operation. Robust and powerful. Battery on rollers. Offset tiller arm with all controls in the tillerhead for easy handling.



Mast type	Lift height H	Height of mast lowered h1	Max mast height h4
Standard/Duplex			
Triplex	3600 4350 4800 5400	1750 2000 2150 2350	4112 4862 5312 5912



PSH 160SDTFV

	0	Specification			PSH 160SDTFV
Distinguishing mark	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			Pedestrian
	1.5	Load capacity/rated load	Q	t	1,6
£ 2	1.6	Load centre distance	С	mm	400 - 600
Disti	1.8	Load distance, centre of load axle to fork	Х		650 / 800
	1.9	Wheelbase	у	mm	1294/1444
			У		
	2.1	Service weight incl battery		kg	1340
Weight	2.2	Axle load, with load, front/rear		kg	
	2.3	Axle load, wihtout load, front / rear		kg	1190 / 1750
	2.4	Axle load, fork outreached with load, front / rear		kg	970 / 370
	2.5	Axle load, fork retracted with load, front / rear		kg	
	3.1	Tyres			Vulcollan
939	3.2	Tyre size, drive side		mm	Ø 230x70
Tyres, chassis		• •			
	3.3	Tyre size, load side		mm	Ø 85x75
	3.4	Dimensions additional wheels (castor wheels)		mm	Ø 140x60
	3.5	Wheels, number front/rear (drive side/load side, $x = driven$ wheels)			1x 1/4
Ĭ.	3.6	Track, drive side	b10	mm	616
$\vdash$	3.7	Track, load side	b11	mm	390
	4.1	Tilt of mast/fork carriage, forward/backward		Grad	
	4.2	Height, mast lowered	h1		See table
				mm	
	4.3	Free lift	h2	mm	h3/3+10
	4.4	Lift height H = h13+h3	Н	mm	See table
	4.5	Height, mast extended	h4	mm	See table
	4.6	Straddle lift	h5	mm	110 Option
	4.7	Height of overhead guard (cabin)	h6	mm	· ·
	4.8	Seat height/stand height	h7		
	4.10	Height of wheel arms	h8	mm	
				mm	
	4.11	Additional lift	h9	mm	
	4.14	Stand height, elevated	h12	mm	
	4.15	Height lowered	h13	mm	90
	4.19	Overall length	11	mm	1830 / 1980
	4.20	Length to face of forks	12	mm	825
S	4.21	Overall width	b1		895
E				mm	893
nsic	4.21.1	Width over stabilizers		mm	
				mm	70/170/1000 - 1150
Ë	4.22	Fork dimensions	s/e/l		
men	4.22	Fork carriage to ISO 2328, clas / form A, B	5/6/1		
Jimen			b3	mm	730
Dimensions	4.23	Fork carriage to ISO 2328, clas / form A, B			730 560
Dimens	4.23 4.24	Fork carriage to ISO 2328, clas / form A, B Width of fork carriage	b3	mm	
Dimens	4.23 4.24 4.25 4.26	Fork carriage to ISO 2328, clas / form A, B Width of fork carriage Width over forks, min/max Distance between wheel arms	b3 b5 b4	mm mm mm	
Dimens	4.23 4.24 4.25 4.26 4.27	Fork carriage to ISO 2328, clas / form A, B Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls	b3 b5 b4 b6	mm mm mm	
Dimens	4.23 4.24 4.25 4.26 4.27 4.28	Fork carriage to ISO 2328, clas / form A, B Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance	b3 b5 b4 b6	mm mm mm mm	
Dimens	4.23 4.24 4.25 4.26 4.27 4.28 4.29	Fork carriage to ISO 2328, clas / form A, B Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral	b3 b5 b4 b6 l4 b7	mm mm mm mm mm	
Dimens	4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30	Fork carriage to ISO 2328, clas / form A, B 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	b3 b5 b4 b6	mm mm mm mm	
Dimens	4.23 4.24 4.25 4.26 4.27 4.28 4.29	Fork carriage to ISO 2328, clas / form A, B Width of fork carriage Width over forks, min/max Distance between wheel arms Width across guide rolls Reach distance Reach lateral	b3 b5 b4 b6 l4 b7	mm mm mm mm mm	
Dimens	4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30	Fork carriage to ISO 2328, clas / form A, B 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	b3 b5 b4 b6 l4 b7	mm mm mm mm mm mm	560
Dimens	4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32	Fork carriage to ISO 2328, clas / form A, B 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	b3 b5 b4 b6 l4 b7 b8 m1 m2	mm mm mm mm mm mm mm mm	23 23
Dimens	4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33	Fork carriage to ISO 2328, clas / form A, B 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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast	mm	23 23 2575 / 2665
Dimens	4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32	Fork carriage to ISO 2328, clas / form A, B 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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast	mm	23 23
Dimens	4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.32 4.33 4.34	Fork carriage to ISO 2328, clas / form A, B  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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast	mm	23 23 23 2575 / 2665 2560 / 2595
Dimens	4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.31 4.32 4.33 4.34	Fork carriage to ISO 2328, clas / form A, B  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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	23 23 2575 / 2665
Dimens	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	23 23 23 2575 / 2665 2560 / 2595
Dimens	4.23 4.24 4.25 4.26 4.27 4.28 4.29 4.30 4.31 4.31 4.32 4.33 4.34	Fork carriage to ISO 2328, clas / form A, B  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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	23 23 23 2575 / 2665 2560 / 2595
Dimens	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	23 23 23 2575 / 2665 2560 / 2595
	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	23 23 2575 / 2665 2560 / 2595
	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	23 23 2575 / 2665 2560 / 2595 1680 / 1828
	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	23 23 2575 / 2665 2560 / 2595 1680 / 1828 5,5 / 5,9
	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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  Lowering speed, with/without load  Lowering speed, with/without load  Lowering speed, with/without load	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	23 23 2575 / 2665 2560 / 2595 1680 / 1828
	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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  Lowering speed, with/without load  Reach speed, with / without load  Reach speed, with / without load  Reach speed, with / without load	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	23 23 2575 / 2665 2560 / 2595 1680 / 1828 5,5 / 5,9 0,14 / 0,21 0,37 / 0,27
	4.23 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 5.2 5.3 5.4 5.7	Fork carriage to ISO 2328, clas / form A, B  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  Gradient, with/without load	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	23 23 2575 / 2665 2560 / 2595 1680 / 1828 5,5 / 5,9
	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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  Lowering speed, with/without load  Reach speed, with / without load  Reach speed, with / without load  Reach speed, with / without load	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	23 23 2575 / 2665 2560 / 2595 1680 / 1828 5,5 / 5,9 0,14 / 0,21 0,37 / 0,27
	4.23 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 5.2 5.3 5.4 5.7	Fork carriage to ISO 2328, clas / form A, B  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  Gradient, with/without load	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	23 23 2575 / 2665 2560 / 2595 1680 / 1828 5,5 / 5,9 0,14 / 0,21 0,37 / 0,27
	4.23 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	Fork carriage to ISO 2328, clas / form A, B  Width of fork carriage  Width over forks, min/max  Distance between wheel arms  Width across guide rolls  Reach distance  Reach lateral rom 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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	23 23 2575 / 2665 2560 / 2595 1680 / 1828 5,5 / 5,9 0,14 / 0,21 0,37 / 0,27
Performance data Dimens	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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  Cowering speed, with/without load  Reach speed, with / without load  Max gradeability, with / without load  Acceleration time 0-10 m, with/without load  Service brake: electric, hydraulic	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	560  23  23  2575 / 2665  2560 / 2595  1680 / 1828  5,5 / 5,9  0,14 / 0,21  0,37 / 0,27  8 / 16  4,63 / 4,34  Electric
	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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  Service brake: electric, hydraulic  Parking brake: electric, hydraulic	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	560  23  23  2575 / 2665  2560 / 2595  1680 / 1828  5,5 / 5,9  0,14 / 0,21  0,37 / 0,27  8 / 16  4,63 / 4,34  Electric Electric
	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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  Service brake: electric, hydraulic  Parking brake: electric, hydraulic  Drive motor, rating S2 60 min	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	560  23  23  2575 / 2665  2560 / 2595  1680 / 1828  5,5 / 5,9  0,14 / 0,21  0,37 / 0,27  8 / 16  4,63 / 4,34  Electric  Electric  1,3 AC
Performance data	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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  Caddent, 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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	560  23  23  2575 / 2665  2560 / 2595  1680 / 1828  5,5 / 5,9  0,14 / 0,21  0,37 / 0,27  8 / 16  4,63 / 4,34  Electric Electric
Performance data	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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  Service brake: electric, hydraulic  Parking brake: electric, hydraulic  Drive motor, rating S2 60 min	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa	mm	560  23  23  2575 / 2665  2560 / 2595  1680 / 1828  5,5 / 5,9  0,14 / 0,21  0,37 / 0,27  8 / 16  4,63 / 4,34  Electric  Electric  1,3 AC
Performance data	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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  Caddent, 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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	560  23  23  2575 / 2665  2560 / 2595  1680 / 1828  5,5 / 5,9  0,14 / 0,21  0,37 / 0,27  8 / 16  4,63 / 4,34  Electric  Electric  1,3 AC
Performance data	4.23 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 6.1 6.2 6.3 6.4	Fork carriage to ISO 2328, clas / form A, B  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  Lift motor  Battery according to DIN 43531/35/36  Battery voltage / Battery capacity	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	560  23  23  2575 / 2665  2560 / 2595  1680 / 1828  5,5 / 5,9  0,14 / 0,21  0,37 / 0,27  8 / 16  4,63 / 4,34  Electric Electric Electric 1,3 AC 4,0
Performance data	4.23 4.24 4.25 4.26 4.27 4.28 4.30 4.31 4.32 4.33 4.34 4.35 4.37 4.38 5.1 5.1 5.2 5.3 5.4 5.7 5.8 5.9 5.10 5.10.1 6.1 6.2 6.3 6.4 6.5	Fork carriage to ISO 2328, clas / form A, B  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  Service brake: electric, hydraulic  Parking brake: electric, hydraulic  Drive motor, rating S2 60 min  Lift motor  Battery voltage / Battery capacity  Battery weight	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	23 23 2575 / 2665 2560 / 2595 1680 / 1828 5,5 / 5,9 0,14 / 0,21 0,37 / 0,27 8 / 16 4,63 / 4,34 Electric Electric 1,3 AC 4,0
Electric Performance data engine	4.23 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 5.2.2 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	Fork carriage to ISO 2328, clas / form A, B  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  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	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	23 23 2575 / 2665 2560 / 2595  1680 / 1828  5,5 / 5,9  0,14 / 0,21 0,37 / 0,27  8 / 16  4,63 / 4,34 Electric Electric Electric 1,3 AC 4,0  24 / 240-345 200 - 300
Electric Performance data engine	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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  Lift motor  Battery according to DIN 43531/35/36  Battery voltage / Battery capacity  Battery weight  Power consumption according to VDI cycle  Speed regulation	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	23 23 2575 / 2665 2560 / 2595 1680 / 1828 5,5 / 5,9 0,14 / 0,21 0,37 / 0,27 8 / 16 4,63 / 4,34 Electric Electric 1,3 AC 4,0
Electric Performance data engine	4.23 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	Fork carriage to ISO 2328, clas / form A, B  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  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  Speed regulation  Operating pressure attachments	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	23 23 2575 / 2665 2560 / 2595  1680 / 1828  5,5 / 5,9  0,14 / 0,21 0,37 / 0,27  8 / 16  4,63 / 4,34 Electric Electric Electric 1,3 AC 4,0  24 / 240-345 200 - 300
Electric Performance data engine	4.23 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	Fork carriage to ISO 2328, clas / form A, B  Width of fork carriage  Width over forks, min/max  Distance between wheel arms  Width across guide rolls  Reach distance  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  Lift motor  Battery according to DIN 43531/35/36  Battery weight  Power consumption according to VDI cycle  Speed regulation  Operating pressure attachments  Oil flow for attachments	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	23 23 2575 / 2665 2560 / 2595  1680 / 1828  5,5 / 5,9  0,14 / 0,21 0,37 / 0,27  8 / 16  4,63 / 4,34 Electric Electric Electric 1,3 AC 4,0  24 / 240-345 200 - 300
Electric Performance data engine	4.23 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	Fork carriage to ISO 2328, clas / form A, B  Width of fork carriage  Width over forks, min/max  Distance between wheel arms  Width across guide rolls  Reach distance  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  Lift motor  Battery according to DIN 43531/35/36  Battery weight  Power consumption according to VDI cycle  Speed regulation  Operating pressure attachments  Oil flow for attachments	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	23 23 2575 / 2665 2560 / 2595  1680 / 1828  5,5 / 5,9  0,14 / 0,21 0,37 / 0,27  8 / 16  4,63 / 4,34 Electric Electric Electric 1,3 AC 4,0  24 / 240-345 200 - 300
Performance data	4.23 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 10.1	Fork carriage to ISO 2328, clas / form A, B  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  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  Speed regulation  Operating pressure attachments	b3 b5 b4 b6 l4 b7 b8 m1 m2 Ast Ast 0 Wa l7 0	mm	23 23 2575 / 2665 2560 / 2595 1680 / 1828 5,5 / 5,9 0,14 / 0,21 0,37 / 0,27 8 / 16 4,63 / 4,34 Electric Electric 1,3 AC 4,0

<sup>\*</sup> Varies according to battery size

0 Specification