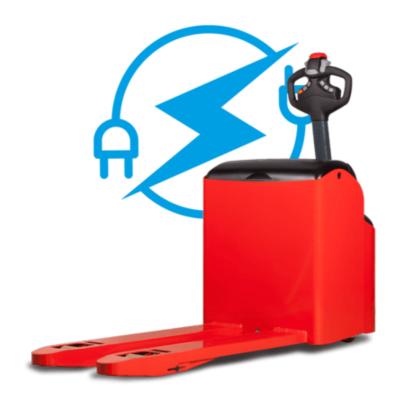
Technical sheet:

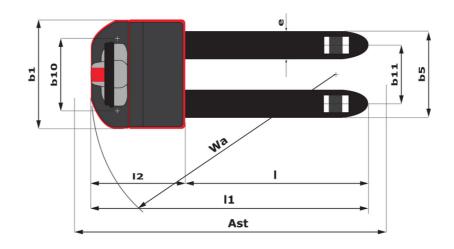
## **EP 18**





Technical characteristics	
1.2   Model Name	
1.3   Power source	
1.4   Operator type	
1.5       Max. capacity       Q       1800 kg         1.6       Load center of gravity       c       600 mm         1.8       Load distance, centre of drive axle to fork       x       953 mm         1.9       Wheelbase       y       1372 mr         Weight of Senice weight       480 kg         2.1       Senice weight       1002 kg / 12         2.3       Weight on front axle (Unladen) / rear axle (Unladen)       3336 kg / 14         Wheels         3.1       Tires type       Bandage         3.2       Dimensions of front wheels       230 x7         3.3       Dimensions of rear wheels       2 x (82 x 1         3.4       Additional wheels (dimensions)       2 x (100 x         3.5.2       Number of drive wheels / front wheels       1 x + 2 /         3.6       Front wheel gauge       b10       435 mm         3.7       Rear wheel gauge       b11       366 mm         0 trent wheel gauge       b11       36 mm         4.15       Fok height in low position       11       1739 mm         4.19       Overall width - Single wheels       12       589 mm         4.20       Length to face of forks       12       589 mm     <	I
1.6 Load center of gravity c 6 600 mm 1.8 Load distance, centre of drive axle to fork x 953 mm 1.9 Wheelbase y 1372 mm Weight 2.1 Service weight 480 kg kg 2.2 Weight on front axle (laden) / rear axle (laden) 1002 kg / 12 2.3 Weight on front axle (Unladen) / rear axle (Unladen) 336 kg / 14  Wheels 3.1 Tires type Bandagg 3.2 Dimensions of front wheels 230 x.7* 3.3 Dimensions of front wheels 230 x.7* 3.4 Additional wheels (dimensions) 2 x (82 x 1 3.4 Additional wheels of wheels / rear wheels 11 x + 2 / x 3.5 Front wheel gauge bit 0 435 mm 3.7 Rear wheel gauge bit 0 435 mm 4.15 Fork height in low position hit 3 85 mm 4.19 Overall length 11 1739 mm 4.20 Length to face of forks 12 589 mm 4.21 Overall width - Single wheels bit 680 mm 4.21 Overall width - Single wheels bit 680 mm 4.22 Forks section / width / length 5 fork beelph / length 1 for 800 mm 4.25 Fork spread 4.26 Ground clearance at centre of wheelbase m2 3.5 mm 4.34 Aisle width for 800 x 1200 pallet lengthways 4.35 Turning radius 4x 1939 mm 4.34 Aisle width for 800 x 1200 pallet lengthways 4.35 Turning radius Wa 1544 mm 4.39 Height tiller up max.* / max. 4.40 Mast lift his 3 125 mm 4.51 Travel speed (laden / unladen) 5.50 Lifting speed (laden / unladen) 5.50 Li	n
1.6 Load center of gravity c	
1.8	
1.9   Wheelbase   Y   1372 mm   Weight   Weight   Weight   Weight   Weight   Weight   Meight   Meigh	
Veight   Service weight   480 kg   1002 kg / 12   2.2   Weight on front axie (laden) / rear axie (Unladen)   336 kg / 14   Vineels	
2.1   Service weight   480 kg	
2.2   Weight on front axle (laden) / rear axle (laden)   1002 kg / 12   2.3   Weight on front axle (Unladen)   336 kg / 14   Wheels	
2.3   Weight on front axie (Unladen) / rear axie (Unladen)   336 kg / 14	78 ka
Wheels           3.1         Tires type         Bandagg           3.2         Dimensions of front wheels         230 x7*           3.3         Dimensions of rear wheels         2 x (100 x           3.4         Additional wheels (dimensions)         1x + 2 /           3.5.2         Number of drive wheels / front wheels / rear wheels         1x + 2 /           3.6         Front wheel gauge         b10         435 mm           3.7         Rear wheel gauge         b11         366 mm           Dimensions           4.15         Fork height in low position         h13         85 mm           4.19         Overall length         i1         1739 mm           4.20         Length to face of forks         I2         589 mm           4.21         Overall width         b1         680 mm           4.21         Overall width         b1         680 mm           4.22         Forks section / width / length         s / e / I         45 mm x 175 mm           4.25         Fork spread         b5         540 mm           4.23         Ground clearance at centre of wheelbase         m2         35 mm           4.24         Aisle width for 800 x 1200 pallet lengthways         Ast	-
3.1   Tires type	, ng
3.2   Dimensions of front wheels   230 x 75	
3.3       Dimensions of rear wheels       2 x (82 x 1)         3.4       Additional wheels (dimensions)       2 x (100 x         3.5.2       Number of drive wheels / front wheels / rear wheels       1x + 2 /         3.6       Front wheel gauge       b10       435 mm         3.7       Rear wheel gauge       b11       366 mm         Dimensions         4.15       Fork height in low position       h13       85 mm         4.19       Overall length       I1       1739 mr         4.20       Length to face of forks       12       589 mr         4.21       Overall width - Single wheels       b1       680 mm         4.21       Overall width / length       b1       680 mm         4.22       Forks section / width / length       s / e / I       45 mm x 175 mm         4.25       Fork spread       55       540 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       1939 mr         4.35       Turning radius       Wa       1544 mr         4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances	
3.4       Additional wheels (dimensions)       2 x (100 x         3.5.2       Number of drive wheels / front wheels / rear wheels       1x + 2 /         3.6       Front wheel gauge       b10       435 mm         3.7       Rear wheel gauge       b11       366 mm         Dimensions         4.15       Fork height in low position       h13       85 mm         4.19       Overall length       I1       1739 mm         4.20       Length to face of forks       I2       589 mm         4.21       Overall width - Single wheels       b1       680 mm         4.21       Overall width       b1       680 mm         4.22       Forks section / width / length       s / e / l       45 mm x 175 mm         4.25       Fork spread       b5       540 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       1939 mm         4.35       Tuming radius       Wa       1544 mm         4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80 km/h / 6	
3.5.2       Number of drive wheels / front wheels / rear wheels       11 + 2 / 2         3.6       Front wheel gauge       b10       435 mm         3.7       Rear wheel gauge       b11       366 mm         Dimensions         4.15       Fork height in low position       h13       85 mm         4.19       Overall length       l1       1739 mm         4.20       Length to face of forks       l2       589 mm         4.21       Overall width - Single wheels       b1       680 mm         4.21       Overall width   length       s / e / l       45 mm x 175 mm         4.22       Forks section / width / length       s / e / l       45 mm x 175 mm         4.25       Fork spread       b5       540 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       1939 mm         4.35       Tuming radius       Wa       1544 mr         4.4       Mast lift       h3       125 mm         4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80	
3.6       Front wheel gauge       b10       435 mm         3.7       Rear wheel gauge       b11       366 mm         Dimensions         4.15       Fork height in low position       h13       85 mm         4.19       Overall length       l1       1739 mr         4.20       Length to face of forks       l2       589 mr         4.21       Overall width - Single wheels       b1       680 mm         4.21       Overall width - Single wheels       b1       680 mm         4.22       Forks section / width / length       s / e / l       45 mm x 175 mm         4.25       Fork spread       b5       540 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       1939 mr         4.35       Tuming radius       Wa       1544 mr         4.4       Mast lift       h3       125 mm         4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80 km/h / 6         5.2       Lifting speed (laden / unladen)       0.03 m/s / 0.00	
Same and the large of large of the large o	
Dimensions         4.15       Fork height in low position       h13       85 mm         4.19       Overall length       I1       1739 mm         4.20       Length to face of forks       I2       589 mm         4.21       Overall width - Single wheels       b1       680 mm         4.21       Overall width       b1       680 mm         4.22       Forks section / width / length       s / e / l       45 mm x 175 mm         4.25       Fork spread       b5       540 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       1939 mm         4.35       Tuming radius       Wa       1544 mm         4.4       Mast lift       h3       125 mm         4.9       Height tiller up max.*/ max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80 km/h / 6         5.2       Lifting speed (laden / unladen)       0.03 m/s / 0.03	
4.15       Fork height in low position       h13       85 mm         4.19       Overall length       l1       1739 mm         4.20       Length to face of forks       l2       589 mm         4.21       Overall width - Single wheels       b1       680 mm         4.21       Overall width / length       s / e / l       45 mm x 175 mm         4.22       Forks section / width / length       s / e / l       45 mm x 175 mm         4.25       Fork spread       b5       540 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       1939 mm         4.35       Tuming radius       Wa       1544 mm         4.4       Mast lift       h3       125 mm         4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80 km/h / 6         5.2       Lifting speed (laden / unladen)       0.03 m/s / 0.03	
4.19       Overall length       I1       1739 mm         4.20       Length to face of forks       I2       589 mm         4.21       Overall width - Single wheels       b1       680 mm         4.21       Overall width       b1       680 mm         4.22       Forks section / width / length       s / e / l       45 mm x 175 mm         4.25       Fork spread       b5       540 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       1939 mm         4.35       Tuming radius       Wa       1544 mm         4.4       Mast lift       h3       125 mm         4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80 km/h / 6         5.2       Lifting speed (laden / unladen)       0.03 m/s / 0.03	
4.20       Length to face of forks       I2       589 mm         4.21       Overall width - Single wheels       b1       680 mm         4.21       Overall width       b1       680 mm         4.22       Forks section / width / length       s / e / l       45 mm x 175 mm         4.25       Fork spread       b5       540 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       1939 mm         4.35       Tuming radius       Wa       1544 mm         4.4       Mast lift       h3       125 mm         4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80 km/h / 6         5.2       Lifting speed (laden / unladen)       0.03 m/s / 0.03	
4.21       Overall width - Single wheels       b1       680 mm         4.21       Overall width       b1       680 mm         4.22       Forks section / width / length       s / e / l       45 mm x 175 mm         4.25       Fork spread       b5       540 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       1939 mr         4.35       Tuming radius       Wa       1544 mr         4.4       Mast lift       h3       125 mm         4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80 km/h / 6         5.2       Lifting speed (laden / unladen)       0.03 m/s / 0.03	
4.21       Overall width       b1       680 mm         4.22       Forks section / width / length       s / e / l       45 mm x 175 mm         4.25       Fork spread       b5       540 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       1939 mm         4.35       Tuming radius       Wa       1544 mm         4.4       Mast lift       h3       125 mm         4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80 km/h / 6         5.2       Lifting speed (laden / unladen)       0.03 m/s / 0.03	
4.22       Forks section / width / length       s / e / l       45 mm x 175 mm         4.25       Fork spread       b5       540 mm         4.32       Ground clearance at centre of wheelbase       m2       35 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       1939 mm         4.35       Tuming radius       Wa       1544 mm         4.4       Mast lift       h3       125 mm         4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80 km/h / 6         5.2       Lifting speed (laden / unladen)       0.03 m/s / 0.03	
4.25 Fork spread b5 540 mm 4.32 Ground clearance at centre of wheelbase m2 35 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 1939 mm 4.35 Turning radius Wa 1544 mm 4.4 Mast lift h3 125 mm 4.9 Height tiller up max.*/ max. h14 / h14 1336 mm / 13  Performances 5.1 Travel speed (laden / unladen) 5.80 km/h / 6 5.2 Lifting speed (laden / unladen) 0.03 m/s / 0.03	
4.32       Ground clearance at centre of wheelbase       m2       35 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       1939 mr         4.35       Turning radius       Wa       1544 mr         4.4       Mast lift       h3       125 mr         4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80 km/h / 6         5.2       Lifting speed (laden / unladen)       0.03 m/s / 0.03	
4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       1939 mm         4.35       Tuming radius       Wa       1544 mm         4.4       Mast lift       h3       125 mm         4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80 km/h / 6         5.2       Lifting speed (laden / unladen)       0.03 m/s / 0.0	
4.35     Tuming radius     Wa     1544 mr       4.4     Mast lift     h3     125 mr       4.9     Height tiller up max.* / max.     h14 / h14     1336 mm / 13       Performances       5.1     Travel speed (laden / unladen)     5.80 km/h / 6       5.2     Lifting speed (laden / unladen)     0.03 m/s / 0.0	
4.4       Mast lift       h3       125 mm         4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80 km/h / 6         5.2       Lifting speed (laden / unladen)       0.03 m/s / 0.03	
4.9       Height tiller up max.* / max.       h14 / h14       1336 mm / 13         Performances         5.1       Travel speed (laden / unladen)       5.80 km/h / 6         5.2       Lifting speed (laden / unladen)       0.03 m/s / 0.0	
Performances           5.1         Travel speed (laden / unladen)         5.80 km/h / 6           5.2         Lifting speed (laden / unladen)         0.03 m/s / 0.0	
5.1       Travel speed (laden / unladen)       5.80 km/h / 6         5.2       Lifting speed (laden / unladen)       0.03 m/s / 0.0	36 mm
5.2 Lifting speed (laden / unladen) 0.03 m/s / 0.0	
5.3 Lowering speed (laden / unladen) 0.04 m/s / 0.0	
5.7 Gradeability (laden / unladen) 10 % / 25	
5.10 Service brake Electro mag	ietic
5.11 Parking brake Handle Rele	ase
Engine	
6.1 Drive motor rating S2 60 min 1.20 kW	
6.2 Lift motor rating at \$3 15%	
6.3 Battery according to DIN 43531/35/36 A, B, C Traction	
6.4 Battery voltage / capacity 24 V / 180	Ah
6.5 Battery weight (+/- 5%) 180 kg	
Miscellaneous	
8.1 Type of drive control	
8.4 Measured/guaranteed mean noise level at the ear of the operator < 70 dB	

## EP 18 - Dimensional drawing







## **Head Office**

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