Technical sheet :



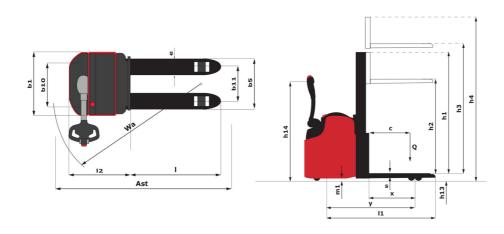




Manufacturer         Model Name         Power source         Operator type         Max. capacity         Load center of gravity         Distance from Load backrest to center of rear axle         Wheelbase         Weight         Service weight         Weight on front axle (laden) / rear axle (laden)         Weight on front axle (luniaden) / rear axle (unladen)         Wheelbase         Wheelbase         Wheelbase         Number of load wheels / Size of load wheels         Number of atabilizer wheels         Number of atabilizer wheels / Size of drive wheels         Number of drive wheels / Size of drive wheels         Front wheel gauge         Dimensions         Fork height in low position         Overall length         Overall width         Fork section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance below mast         Ground clearance tent of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle width for solux 1200 crossways         Aisle width for all and(n)         Lift motor rating 25 0 min         Lift motor rating 35 15%         <		Taphaisal characteristics
Model Name         Power source         Operator type         Max. capacity         Load center of gravity         Distance from Load backrest to center of rear axle         Wheelbase         Weight         Service weight         Weight on front axle (laden) / rear axle (laden)         Weight on front axle (Unladen) / rear axle (laden)         Wheels         Tires type         Number of castor wheels / Size of load wheels         Number of tort wheels / Size of the stabilizer wheels         Number of tort wheels / Size of the stabilizer wheels         Number of throw twheels / Size of the stabilizer wheels         Number of throw twheels / Size of the stabilizer wheels         Number of throw twheels / Size of the stabilizer wheels         Point wheel gauge         Demastons         Owerall length         Length to face of forks         Overall width         Fork section / width / length         Fork carraige width         Ground clearance at centre of wheelbase         Alsle width for 800 x 1200 pallet lengthways	1.1	Technical characteristics
Power source         Operator type         Max. capacity         Load center of gravity         Distance from Load backrest to center of rear axle         Wheelbase         Weight         Service weight         Weight on front axle (laden) / rear axle (laden)         Weight for front axle (Unladen) / rear axle (Unladen)         Wheelbase         Times type         Number of load wheels / Size of load wheels         Number of castor wheels         Number of front wheels / Size of the stabilizer wheels         Number of drive wheels / Size of drive wheels         Number of drive wheels / Size of drive wheels         Port wheel gauge         Dimensions         Fork height in low position         Overall length         Ground clearance below mast         Ground clearance below mast         Ground clearance below mast         Ground clearance below mast         Timeing aduis         Height tiller max.         Performances         Timeing aduis         Height tiller max.         Performances         Timeing aduis         Height tiller max.         Performances         Timeing aduis         Heig	1.1	
Operator type         Max. capacity         Load center of gravity         Distance from Load backrest to center of rear axle         Wheelbase         Weight         Service weight         Weight on front axle (laden) / rear axle (laden)         Weight on front axle (laden) / rear axle (laden)         Wheels         Tites type         Number of load wheels / Size of load wheels         Number of stabilizer wheels / Size of the stabilizer wheels         Number of drastor wheels / Size of the stabilizer wheels         Number of front wheels / Size of drive wheels         Poor thread of the wheels / Size of drive wheels         Number of front wheels / Size of drive wheels         Number of front wheels / Size of drive wheels         Poor thread gauge         Dimensions         Fork height in low position         Overall length         Fork section / width / length         Fork cariage width         Ground clearance at centre of wheelbase         Alsle Width for pallets 1000 x 1200 crossways         Alsle Width forapallet lengthways         Tu	1.2	
Max. capacity         Load center of gravity         Distance from Load backrest to center of rear axle         Wheelbase         Weight         Service weight         Weight on front axle (laden) / rear axle (laden)         Weight on front axle (unladen) / rear axle (unladen)         Wheels         Tires type         Number of castor wheels         Number of stabilizer wheels / Size of the stabilizer wheels         Number of stabilizer wheels / Size of the stabilizer wheels         Number of stabilizer wheels / Size of the wheels         Front wheel gauge         Dimensions         Fork height in low position         Overall width         Coverall width         Fork height in low position         Overall width         Ground clearance below mast         Ground clearance at center of wheelbase         Aisle width for 800 x 1200 pallet lengthways         Turning radius         Height tiller max.         Performances         Engine         Drive speed (laden / unladen)         Lift motor rating 32 50 min         Lift motor rating 32 55	1.4	
Load center of gravity Distance from Load backrest to center of rear axle Wheelbase Weight Service weight Weight on front axle (laden) / rear axle (laden) Weight of castor wheels Number of laad wheels / Size of load wheels Number of stabilizer wheels / Size of the stabilizer wheels Number of stabilizer wheels / Size of the stabilizer wheels Number of front wheels / Size of the stabilizer wheels Number of front wheels / Size of drive wheels Front wheelg auge Port height in low position Overall ength Length to face of forks Overall width Fork section / width / length Fork cariage width Ground clearance at center of wheelbase Aisle Width for a00 x 1200 crossways Aisle width for 800 x 1200 cr	1.4	
Distance from Load backrest to center of rear axle         Wheelbase         Weight         Service weight         Weight on front axle (laden) / rear axle (laden)         Weight on front axle (lunaden) / rear axle (unladen)         Wheels         Tires type         Number of load wheels / Size of load wheels         Number of stabilizer wheels / Size of the stabilizer wheels         Number of stabilizer wheels / Size of drive wheels         Number of fort wheels / Size of drive wheels         Point wheel gauge         Dimensions         Fork height in low position         Overall length         Length to face of forks         Overall width         Fork section / width / length         Fork section / width / length         Fork section / width / length         Fork carriage width         Ground clearance blow mast         Ground clearance at center of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle width for 800 x 1200 pallet lengttways         Turning radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lowering speed (laden / unladen)         Lowering speed (laden / unladen)         Se	1.6	
Wheelbase         Weight         Service weight         Weight on front axle (laden) / rear axle (laden)         Weight on front axle (Unladen) / rear axle (Unladen)         Wheels         Tires type         Number of load wheels / Size of load wheels         Number of stabilizer wheels / Size of the stabilizer wheels         Number of fort wheels / Size of drive wheels         Number of drive wheels / Size of drive wheels         Front wheel gauge         Rear wheel gauge         Dimensions         Fork height in low position         Overall length         Length to face of forks         Overall width         Fork section / width / length         Fork section / width / length <td>1.8</td> <td></td>	1.8	
Weight         Service weight         Weight on front axle (laden) / rear axle (lunaden)         Weight         Tires type         Number of task (Unladen) / rear axle (Unladen)         Wheels         Tires type         Number of castor wheels         Number of stabilizer wheels / Size of load wheels         Number of front wheels / rear wheels         Number of front wheels / rear wheels         Number of drive wheels / Size of drive wheels         Front wheel gauge         Dimensions         Fork height in low position         Overall length         Length to face of forks         Overall width         Fork section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for apallet 1000 x 1200 crossways         Aisle width for 800 x 1200 pallet lengthways         Tuming radius         Height filler max.         Performances         Travel speed (laden / unladen)         Loweing speed (laden / unladen)         Loweing speed (laden / unladen)         Max Gradeability (laden / unladen)         Lift motor rating at S3 15%         Battery actording to	1.9	
Service weight         Weight on front axle (laden) / rear axle (laden)         Weight on front axle (Unladen) / rear axle (Unladen)         Wheels         Tires type         Number of load wheels / Size of load wheels         Number of acstor wheels         Number of foat wheels / Size of the stabilizer wheels         Number of forth wheels / Size of drive wheels         Number of forth wheels / Size of drive wheels         Front wheel gauge         Rear wheel gauge         Pork height in low position         Overall width         Fork section / width / length         Fork carriage width         Ground clearance at centre of wheelbase         Arise Width for pallets 1000 x 1200 crossways         Aisle width for 800 x 1200 pallet lengthways         Turning radius         Height tiller max.         Performances         Tarvel speed (laden / unladen)         Lifting speed (laden / unladen)         Lifting speed (laden / unladen)         Service brake         Engine         Drive motor rating st 33 1/3//36 A, B, C         Battery weight (+/- 5%)         Miscellaneous	1.9	
Weight on front axle (laden) / rear axle (laden)         Wheels         Wheels         Tires type         Number of load wheels / Size of load wheels         Number of sabbilizer wheels         Number of stabilizer wheels / Size of the stabilizer wheels         Number of stabilizer wheels / Size of the stabilizer wheels         Number of from wheels / Size of drive wheels         Front wheel gauge         Per wheel gauge         Dimensions         Fork height in low position         Overall width         Fork section / width / length         Fork section / width / length         Fork section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance below mast         Ground clearance to entre of wheelbase         Aisle Width for 800 x 1200 pallet lengthways         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Service brake         Engine         Dive motor rating S2 60 min         Lift motor rating S2 60 min	2.1	
Weight on front axle (Unladen) / rear axle (Unladen)         Wheels         Trise type         Number of load wheels / Size of load wheels         Number of stabilizer wheels         Number of stabilizer wheels / Size of the stabilizer wheels         Number of drive wheels / Size of drive wheels         Number of drive wheels / Size of drive wheels         Front wheel gauge         Bear wheel gauge         Dimensions         Fork height in low position         Overall length         Length to face of forks         Overall width         Fork section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance below mast         Ground clearance below mast         Turning radius         Height tiller max.         Height tiller max.         Performances         Tavel speed (laden / unladen)         Lifting speed (laden / unladen)         Max Gradeability (lader / unladen)         Max Gradeability (lader / unladen)         Service brake       Engine         Drive motor rating S2 60 min         Lift motor rating at S3 15%       Battery woltage / capacity         Battery woltage / capacity       Battery woltage / capacity <td>2.2</td> <td>-</td>	2.2	-
Wheels         Tries type         Number of load wheels / Size of load wheels         Number of stabilizer wheels / Size of the stabilizer wheels         Number of tront wheels / rear wheels         Number of tront wheels / Size of drive wheels         Front wheel gauge         Rear wheel gauge         Dimensions         Fork height in low position         Overall length         Length to face of forks         Overall width         Fork section / width / length         Tuming radius </td <td>.2</td> <td></td>	.2	
Tires type         Number of load wheels / Size of load wheels         Number of castor wheels         Number of stabilizer wheels / Size of the stabilizer wheels         Number of fort wheels / Size of drive wheels         Number of fort wheels / Size of drive wheels         Front wheel gauge         Rear wheel gauge         Dimensions         Overall length         Length to face of forks         Overall width         Fork section / width / length         Fork carriage width         Ground clearance at centre of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle Width for s00 x 1200 pallet lengthways         Turning radius         Height tiller max.         Performances         Tavel speed (laden / unladen)         Lifting speed (laden / unladen)         Max Gradeability (laden / unladen)         Max Gradeability (laden / unladen)         Max Gradeability (laden / unladen)         Lift motor rating 32 50 min         Lift motor rating 31 53%         Battery weight (4/- 5%)         Mascellanecous	.5	
Number of load wheels / Size of load wheels         Number of castor wheels         Number of stabilizer wheels / Size of the stabilizer wheels         Number of front wheels / Size of drive wheels         Front wheel gauge         Bear wheel gauge         Dimensions         Fork height in low position         Overall width         Overall width         Fork section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for 800 x 1200 crossways         Aisle width for 800 x 1200 pallet lengthways         Turning radius         Height tiller max.         Parformances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Max Gradeability (laden / unladen)         Max Gradeability (laden / unladen)         Service brake       Engine         Drive motor rating 32 50 min	.1	
Number of castor wheels         Number of stabilizer wheels / Size of the stabilizer wheels         Number of front wheels / Size of drive wheels         Front wheel gauge         Baar wheel gauge         Bear wheel gauge         Dimensions         Fork height in low position         Overall length         Length to face of forks         Overall width         Fork section / width / length         Fork section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle width for pallets 1000 x 1200 crossways         Aisle width for 800 x 1200 pallet lengthways         Tuming radius         Height tiller max.         Performances         Tavel speed (laden / unladen)         Max Gradeability (laden / unladen)         Max Gradeability (laden / unladen)         Max Gradeability (laden / unladen)         Service brake         Engine         Drive motor rating 32 60 min         Lift motor rating 32 60 min         Lift motor rating 32 60 min         Lift motor rating at S3 15%         Battery weight (4/- 5%)	.3	
Number of stabilizer wheels / Size of the stabilizer wheels         Number of front wheels / rear wheels         Number of drive wheels / Size of drive wheels         Front wheel gauge         Rear wheel gauge         Dimensions         Fork height in low position         Overall length         Length to face of forks         Overall width         Fork section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle width for gallet lengthways         Turning radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Service brake         Engine         Drive motor rating S2 60 min         Lift motor rating S2 60 min         Lift motor rating S2 60 min         Lift motor rating S3 15%         Battery according to DIN 43531/35/36 A, B, C         Battery weight (+/- 5%)	.3	
Number of front wheels / rear wheels         Number of drive wheels / Size of drive wheels         Front wheel gauge         Rear wheel gauge         Dimensions         Fork height in low position         Overall length         Length to face of forks         Overall width         Fork section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle Width for s00 x 1200 pallet lengthways         Tuming radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Lowering speed (laden / unladen)         Service brake         Engine         Drive motor rating 32 60 min         Lift motor rating at S3 15%         Battery according to DIM 43531/35/36 A, B, C         Battery weight (+/- 5%)         Miscellaneous	.4 .4	
Number of drive wheels / Size of drive wheels         Front wheel gauge         Rear wheel gauge         Dimensions         Fork height in low position         Overall length         Length to face of forks         Overall width         Fork section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle Width for s00 x 1200 pallet lengthways         Tuming radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Kardeability (laden / unladen)         Service brake         Engine         Drive motor rating 32 60 min         Lift motor rating at S3 15%         Battery according to DIM 43531/35/36 A, B, C         Battery woltage / capacity         Battery weight (+/- 5%)	.4	
Front wheel gauge         Rear wheel gauge         Dimensions         Fork height in low position         Overall length         Length to face of forks         Overall width         Fork section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle width for 800 x 1200 pallet lengthways         Turning radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lowering speed (laden / unladen)         Max Gradeability (laden / unladen)         Service brake         Engine         Drive motor rating 32 60 min         Lift motor rating 32 50 min         Lift motor rating 31 5%         Battery according to DIN 43531/35/36 A, B, C         Battery weight (+/- 5%)         Miscellaneous	.ə 5.2	
Rear wheel gauge         Dimensions         Fork height in low position         Overall length         Length to face of forks         Overall width         Fork section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle width for s00 x 1200 pallet lengthways         Turning radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Max Gradeability (laden / unladen)         Service brake         Engine         Drive motor rating 32 60 min         Lift motor rating 32 50 min         Lift motor rating at S3 15%         Battery according to DIN 43531/35/36 A, B, C         Battery voltage / capacity         Battery weight (+/- 5%)         Miscellaneous	5.Z	
Dimensions         Fork height in low position         Overall length         Length to face of forks         Overall width         Forks section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle width for 800 x 1200 pallet lengthways         Turning radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Lowering speed (laden / unladen)         Service brake         Engine         Drive motor rating S2 60 min         Lift motor rating s1 5%         Battery according to DIN 43531/35/36 A, B, C         Battery weight (+/- 5%)         Miscellaneous	.7	
Fork height in low position         Overall length         Length to face of forks         Overall width         Forks section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle width for 800 x 1200 pallet lengthways         Turning radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Max Gradeability (laden / unladen)         Service brake         Engine         Drive motor rating S2 60 min         Lift motor rating at S3 15%         Battery according to DIN 43531/35/36 A, B, C         Battery weight (+/- 5%)         Miscellaneous	./	
Overall length         Length to face of forks         Overall width         Forks section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle width for 800 x 1200 pallet lengthways         Turning radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Lowering speed (laden / unladen)         Max Gradeability (laden / unladen)         Service brake         Engine         Drive motor rating S2 60 min         Lift motor rating at S3 15%         Battery according to DIN 43531/35/36 A, B, C         Battery weight (+/- 5%)         Miscellaneous	15	
Length to face of forks         Overall width         Forks section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle width for 800 x 1200 pallet lengthways         Turning radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Lowering speed (laden / unladen)         Max Gradeability (laden / unladen)         Service brake         Engine         Drive motor rating S2 60 min         Lift motor rating at S3 15%         Battery according to DIN 43531/35/36 A, B, C         Battery weight (+/- 5%)         Miscellaneous	19	
Overall width         Forks section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle width for 800 x 1200 pallet lengthways         Turning radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Lowering speed (laden / unladen)         Service brake         Engine         Drive motor rating st S3 15%         Battery according to DIN 43531/35/36 A, B, C         Battery weight (+/- 5%)         Miscellaneous	20	
Forks section / width / length         Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle width for 800 x 1200 pallet lengthways         Tuming radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Lowering speed (laden / unladen)         Max Gradeability (laden / unladen)         Service brake         Engine         Drive motor rating S2 60 min         Lift motor rating st S3 15%         Battery according to DIN 43531/35/36 A, B, C         Battery weight (+/- 5%)         Miscellaneous		
Fork carriage width         Ground clearance below mast         Ground clearance at centre of wheelbase         Aisle Width for pallets 1000 x 1200 crossways         Aisle width for 800 x 1200 pallet lengthways         Tuming radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Lowering speed (laden / unladen)         Max Gradeability (laden / unladen)         Service brake         Engine         Drive motor rating S2 60 min         Lift motor rating st S3 15%         Battery according to DIN 43531/35/36 A, B, C         Battery voltage / capacity         Battery weight (+/- 5%)         Miscellaneous	21	
Ground clearance below mast Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 pallet lengthways Tuming radius Height tiller max. Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Lowering speed (laden / unladen) Lowering speed (laden / unladen) Max Gradeability (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous	22 24	-
Ground clearance at centre of wheelbase Aisle Width for pallets 1000 x 1200 crossways Aisle width for 800 x 1200 pallet lengthways Turning radius Height tiller max. Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Lowering speed (laden / unladen) Max Gradeability (laden / unladen) Service brake Engine Drive motor rating \$2 60 min Lift motor rating \$2 60 min Lift motor rating at \$3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous		5
Aisle Width for pallets 1000 x 1200 crossways         Aisle width for 800 x 1200 pallet lengthways         Turning radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Lowering speed (laden / unladen)         Service brake         Engine         Drive motor rating S2 60 min         Lift motor rating at S3 15%         Battery according to DIN 43531/35/36 A, B, C         Battery weight (+/- 5%)         Miscellaneous	31	
Aisle width for 800 x 1200 pallet lengthways Turning radius Height tiller max. Performances Travel speed (laden / unladen) Lifting speed (laden / unladen) Lowering speed (laden / unladen) Max Gradeability (laden / unladen) Max Gradeability (laden / unladen) Service brake Engine Drive motor rating \$2 60 min Lift motor rating at \$3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous	32	
Turning radius         Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Lowering speed (laden / unladen)         Max Gradeability (laden / unladen)         Service brake         Engine         Drive motor rating S2 60 min         Lift motor rating at S3 15%         Battery according to DIN 43531/35/36 A, B, C         Battery voltage / capacity         Battery weight (+/- 5%)         Miscellaneous	33	
Height tiller max.         Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Lowering speed (laden / unladen)         Max Gradeability (laden / unladen)         Service brake         Engine         Drive motor rating S2 60 min         Lift motor rating at S3 15%         Battery according to DIN 43531/35/36 A, B, C         Battery voltage / capacity         Battery weight (+/- 5%)         Miscellaneous	4	
Performances         Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Lowering speed (laden / unladen)         Max Gradeability (laden / unladen)         Service brake         Engine         Drive motor rating S2 60 min         Lift motor rating at S3 15%         Battery according to DIN 43531/35/36 A, B, C         Battery voltage / capacity         Battery weight (+/- 5%)         Miscellaneous	35 .9	
Travel speed (laden / unladen)         Lifting speed (laden / unladen)         Lowering speed (laden / unladen)         Max Gradeability (laden / unladen)         Service brake         Engine         Drive motor rating \$2 60 min         Lift motor rating at \$3 15%         Battery according to DIN 43531/35/36 A, B, C         Battery voltage / capacity         Battery weight (+/- 5%)         Miscellaneous	7	· · · ·
Lifting speed (laden / unladen) Lowering speed (laden / unladen) Max Gradeability (laden / unladen) Service brake Engine Drive motor rating \$2 60 min Lift motor rating at \$3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous	1	
Lowering speed (laden / unladen) Max Gradeability (laden / unladen) Service brake Engine Drive motor rating \$2 60 min Lift motor rating at \$3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous		
Max Gradeability (laden / unladen) Service brake Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous	2 3	
Service brake Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous	3 8	
Engine Drive motor rating S2 60 min Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous		
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Lift motor rating at S3 15% Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous		
Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous		-
Battery voltage / capacity Battery weight (+/- 5%) Miscellaneous		5
Battery weight (+/- 5%) Miscellaneous	3	
Miscellaneous	.4	
	5	
	1	
Type of drive control Sound level at the driver's ear according to DIN 12 053	1 1	

ES 414	Created on September 17, 2025 at 7:43 PM UTC
	Metric
	Manitou
	ES 414
	Electrical - Lead
	Pedestrian
Q	1400 kg
С	600 mm
х	684 mm
у	1245 mm
	968 kg
	800 kg / 1624 kg
	684 kg / 284 kg
	Cushion
	2 / 82x68
	1
	2 / 125x50
	2 / 2
	1/230x70
b10	517 mm
b11	380 mm
h13	87 mm
11	1875 mm
12	724 mm
b1	832 mm
s / e / l	60 mm / 180 mm / 1150 mm
b3	680 mm
m1	35 mm
m2	30 mm 2581 mm
Ast Ast	2581 mm 2490 mm
Wa	1400 mm
h14	1400 mm
1114	1050 mm
	6 km/h / 6 km/h
	0.10 m/s / 0.24 m/s
	0.30 m/s / 0.20 m/s
	8 % / 10 %
	Electro magnetic
	1.20 kW
	3 kW
	DIN 43535-B
	24 V / 180 Ah
	183 kg
	AC
	65 dB

## ES 414 - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
h1 - Mast lowered height	mm	1940	2190	2390
h3 - Mast lifting height	mm	2940	3440	3840
h4 - Mast extended height	mm	3365	3865	4265
Residual capacity at max height	kg	1250	1050	850
Height at max capacity	mm	2700	2700	2700

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1940	2190
h2 - Mast free lift	mm	1420	1670
h3 - Mast lifting height	mm	2935	3435
h4 - Mast extended height	mm	3365	3865
Residual capacity at max height	kg	1250	1000
Height at max capacity	mm	2700	2700

Free Lift Triplex (FLT)		FLT 42
h1 - Mast lowered height	mm	1890
h2 - Mast free lift	mm	1380
h3 - Mast lifting height	mm	4240
h4 - Mast extended height	mm	4678
Residual capacity at max height	kg	700
Height at max capacity	mm	2700



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