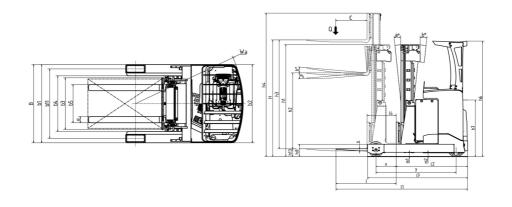
Technical sheet:

ER 14



Multifactuare		Technical characteristics		Metric
Power source	1.1	Manufacturer		MANITOU
1.5 Max. capacity Q 1400 kg	1.2	Model Name		ER 14
1.5 Max. capacily 0 1400 kg 1.6 Load distance, centre of divie asks to fork x 307 mm 1.8 Load distance, centre of divie asks to fork x 307 mm 1.9 Woelbase y 1378 mm 2.1 Service weight 2 2710 kg 3.1 Tiles type 11.355 185 Wilkolan 3.5.2 Number of dire wheels - Size of dive wheels 1.355 185 1.355 185 3.3 Number of front wheels - Size of dive wheels 1.72 2.x 220 x85 3.5 Number of found wheels - Size of and wheels 1.72 1.72 3.6 Front wheel gauge b10 0 mm 3.7 Rear wheel gauge b10 0 mm 4.8 Seat height/stand height b7 1077 mm 4.19 Overall length b7 1077 mm 4.20 Length to face of facks 12 12 2363 mm 4.21 Overall length b1 1 2431 mm 4.22 Fokts section / width / length s /e / 1	1.3	Power source		Electrical
1.6	1.4	Operator type		Seated
1.9 Wheelbase	1.5	Max. capacity	Q	1400 kg
19	1.6	Load center of gravity	С	600 mm
Negota New	1.8	Load distance, centre of drive axle to fork	х	307 mm
2.1 Service weight 2710 kg Wheels Wilkollan 3.1 Tires type Vulkollan 3.5.2 Number of foot wheels - Size of load wheels 2.2.220 kg.5 3.5 Number of front wheels / rear wheels 1/2 3.6 Front wheel gauge b1 0 mm 3.7 Rear wheel gauge b11 995 mm 4.8 Sack height/stand height 17 1077 mm 4.9 Use of foots 11 2413 mm 4.20 Length to face of fooks 12 1165 mm 4.21 Overall width 18 1 120 mm 4.22 Foks section / width / length 5 re / 1 40 mm x 100 mm / 1150 mm 4.22 Foks section / width / length 5 re / 1 40 mm x 100 mm / 1150 mm 4.23 Foks section / width / length 5 re / 1 40 mm x 100 mm x 100 mm 4.25 Foks section / width / length 5 re / 1 40 mm x 100 mm x 100 mm / 1150 mm 4.25 Foks section / width / length 5 re / 2 2A 4.25 Wi	1.9	Wheelbase	у	1378 mm
		Weight		
Number of drive wheels - Size of fire wheels 1 x x 35 x x 155 1 x 35 x 155 x 155 1 x 35 x 155 x 155 1 x 35 x 155 x 15	2.1	Service weight		2710 kg
3.5.2 Number of drive wheels - Size of drive wheels 1 x 355 x 155 3.3 Number of food wheels - Size of load wheels 2 x 220 x 85 3.5 Number of food wheels - Size of load wheels 1 / 2 3.6 Front wheel gauge bl0 0 mm 3.7 Rear wheel gauge bl1 995 mm Olimenicions 4.8 Seat height/Stand height h7 1077 mm 4.9 Overall widh l1 2413 mm 4.20 Length to face of forks l2 1263 mm 4.21 Overall widh bl1 1100 mm 4.22 Fork section / widh / length s / e / 1 40m mx 100 mm 4.23 Fork section / widh / length s / e / 2 120 mm 4.24 Fork section / widh / length s / e / 2 2 4.25 Distance between wheel amms/loading surfaces b4 900 mm 4.25 Ois cand cleanne at centre of wheelbase m2 70 mm 4.25 Widh over forks min / max. b5 316 mm / 697 mm 4.32 </td <td></td> <td>Wheels</td> <td></td> <td></td>		Wheels		
3.3 Number of load wheels - Size of load wheels 2 x 220 x 85 3.5 Number of front wheel gauge b10 0 mm 3.7 Rear wheel gauge b11 995 mm 4.8 Seat height/stand height h7 1077 mm 4.9 Overall length l1 2413 mm 4.90 Length to face of forks l2 12 2 1263 mm 4.21 Overall width b1 1120 mm 4.22 Fork section / width / length b1 1120 mm 4.23 Fork carage (Ros 232 (class/from) A/B \$ / e/1 40 mm x 100 mm / 1150 mm 4.24 Fork section / width / length \$ / e/1 40 mm x 100 mm / 1150 mm 4.25 Fork section / width / length \$ / e/1 40 mm x 100 mm / 1150 mm 4.22 Fork section / width / length \$ / e/1 40 mm x 100 mm / 1150 mm 4.25 Oistance between wheel arms/loading surfaces b5 316 mm / 697 mm 4.25 Oistance between wheel arms/loading surfaces b6 316 mm / 697 mm 4.25 Oixon declarance act enterte of wheelbase <t< td=""><td>3.1</td><td>Tires type</td><td></td><td>Vulkollan</td></t<>	3.1	Tires type		Vulkollan
3.5 Number of front wheels / rear wheels 1 / 2 3.6 Front wheel gauge b10 0 mm 3.7 Rear wheel gauge b11 995 mm 4.8 Seat height/stand height h7 1077 mm 4.19 Overall length 11 2413 mm 4.20 Length to face of forks 12 1263 mm 4.21 Overall width b1 11120 mm 4.22 Fork section / width / length s / e/1 40 mm x 100 mm / 1150 mm 4.23 Fork carriage ISO 2328 (class/form) A/B x / e/1 40 mm x 100 mm / 1150 mm 4.26 Distance between wheel amm/loading surfaces b4 900 mm 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.25.1 Tuming adult x 27701 mm 4.32 Alsie	3.5.2	Number of drive wheels - Size of drive wheels		1 x 355 x 155
3.6 Front wheel gauge b10 0 mm 3.7 Rear wheel gauge b11 995 mm 4.8 Seat height/stand height h7 1077 mm 4.19 Overall length i1 2413 mm 4.20 Length to face of forks i2 1223 mm 4.21 Overall width b1 1120 mm 4.22 Fork section / width / length b1 10 mm 4.23 Fork carriage ISO 2328 (class/form) A/B 2 2A 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.32 Ground clearance at centre of wheelbase m2 70 mm 4.32 Asle width for 1000 × 1200 pallet lengthways Ma 2701 mm 4.33 Asle width for 800 x 1200 pallet lengthways Ma 1538 mm 4.34 Asle width for 1000 x 1200 pallet lengthways Ma 1538 mm 5.7 Tuming radius Ma 1520 mm 2705 mm 5.2 <td< td=""><td>3.3</td><td>Number of load wheels - Size of load wheels</td><td></td><td>2 x 220 x 85</td></td<>	3.3	Number of load wheels - Size of load wheels		2 x 220 x 85
Rear wheel gauge	3.5	Number of front wheels / rear wheels		1 / 2
	3.6	Front wheel gauge	b10	0 mm
4.8 Seat height/stand height h7 1077 mm 4.19 Overall length 11 2413 mm 4.20 Length to face of forks 12 1265 mm 4.21 Overall width b1 1120 mm 4.22 Fork seedinol / width / length s / e / l 40 mm x 100 mm / 1150 mm 4.23 Fork carriage ISO 2232 (class/form) A/B 2A 2A 4.26 Distance between wheel amms/loading surfaces b4 900 mm 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.26.2 Ground clearance at centre of wheelbase m2 70 mm 4.27 Width over forks min. / max. b5 316 mm / 697 mm 4.32 Asial width for 1000 x 1200 pallet lengthways Ast 2701 mm 4.34 Alsie width for 800 x 1200 pallet lengthways Ast 2726 mm 4.35 Tuming radius M8 1598 mm 4.36 Height of overhead goard (cabin) M8 20.0 mm / 60.0 m	3.7	Rear wheel gauge	b11	995 mm
4.19 Overall length to face of forks 11 2413 mm 4.20 Length to face of forks 12 1263 mm 4.21 Overall width of forks 15 1263 mm 4.22 Fork section / width / length \$ /e / I 40 mm x 100 mm / 1150 mm 4.23 Fork carriage ISO 2328 (class / form) A / B 2A 4.26 Distance between wheel ams/loading surfaces b4 900 mm 4.27 Width over forks min / max. b5 316 mm / 697 mm 4.28 Ground clearance at centre of wheelbase m2 70 mm 4.31 Alsie width for 1000 x 1200 pallet lengthways Ast 2701 mm 4.32 Alsie width for 800x 1200 pallet lengthways Ast 2708 mm 4.33 Alsie width for 800x 1200 pallet lengthways Ast 2708 mm 4.34 Alsie width for 800x 1200 pallet lengthways Ast 2708 mm 4.35 Turning radius Wa 1598 mm 4.7 Height of overhead guard (cabin) Ast 2708 mm 5.1 Tavel speed (laden / unladen) 0.49 m/s / 0.55 m/s 5.3 Lowering speed (laden / unladen)		Dimensions		
4.20 Length to ace of forks 12 1263 mm 4.21 Overall width b1 1120 mm 4.22 Fork section / width / length s / e / t 40 mm x 100 mm / 1150 mm 4.23 Fork carriage ISO 2323 (class/form) A/B 2A 4.26 Distance between wheel amms/loading surfaces 44 900 mm 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.29.2 Ground clearance at centre of wheelbase m2 70 mm 4.32 Ground clearance at centre of wheelbase m2 70 mm 4.33 A sisk width for 1000 x 1200 pallet lengthways Ast 2701 mm 4.34 A sisk width for 800 x 1200 pallet lengthways Ast 2768 mm 4.35 Turning radius Wa 1598 mm 4.7 Height of overhead guard (cabin) h6 2205 mm 4.7 Height of overhead guard (without load) 12.30 km/h / 12.50 km/h 5.1 Tavel speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.2 Lifting speed (laden / unladen) 0.59 m/s / 0.55 m/s <tr< td=""><td>4.8</td><td>Seat height/stand height</td><td>h7</td><td>1077 mm</td></tr<>	4.8	Seat height/stand height	h7	1077 mm
4.21 Overall width b1 1120 mm 4.22 Forks section / width / length s / e / l 40 mm x 100 mm / 1150 mm 4.23 Fork carriage ISO 2238 (class/form) A/B 2A 4.26 Distance between wheel arms/loading surfaces b4 900 mm 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.32 Ground clearance at center of wheelbase m2 70 mm 4.33 As lee width for 1000 x 1200 pallet lengthways a5 2701 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2706 mm 4.35 Turning radius Wa 1598 mm 4.7 Height of overhead guard (cabin) Ma 1598 mm 4.7 Height of overhead guard (malden) 12.30 km/h / 12.50 km/h 5.1 Taxel speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.2 Liffing speed (laden / unladen) 0.59 m/s / 0.55 m/s 5.4 Reach speed (with load / without load) 0.59 m/s / 0.55 m/s 5.1 Reach speed (with load / without load) 0.59 m/s / 0.55 m/s	4.19	Overall length	l1	2413 mm
4.22 Forks section / width / length \$ / e/L 40 mm x 100 mm / 1150 mm 4.23 Fork carriage ISO 238 (class/form) A/B 2A 4.26 Distance between wheel ams/loading surfaces b4 900 mm 4.27 Width over forks min. / max. b5 316 mm / 697 mm 4.32 Ground clearance at centre of wheelbase m2 70 mm 4.33 Aisle width for 1000 x 1200 pallet lengthways Ast 2701 mm 4.34 Aisle width for 1000 x 1200 pallet lengthways Ast 2701 mm 4.35 Turning radius Wa 1598 mm 4.7 Height of overhead guard (cabin) Ma 1598 mm 4.7 Height of overhead guard (malden) 10.20 mm 12.30 km/h / 12.50 km/h 5.1 Tavel speed (laden / unladen) 10.49 m/s / 0.55 m/s 12.30 km/h / 12.50 km/h 5.2 Lifting speed (laden / unladen) 0.09 m/s / 0.55 m/s 0.59 m/s / 0.55 m/s 5.1 Reach speed (with load / without load) 7.50 k/l 11.0 k 0.00 m/s / 10.00 m/s 5.7 Service brake Electric 11 kW	4.20	Length to face of forks	12	1263 mm
4.23 Fork carriage ISO 2328 (class/form) A/B 2A 4.26 Distance between wheel arms/loading surfaces b4 900 mm 4.25.1 Width over fork smin. / max. b5 316 mm / 697 mm 4.32 Ground clearance at centre of wheelbase m2 70 mm 4.33 Aisle width for 1000 x 1200 pallet lengthways Ast 2701 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2768 mm 4.35 Tuming radius Ma 1958 mm 4.7 Height of overhead guard (cabin) Ma 2205 mm 4.7 Height of overhead guard (cabin) Ma 20.00 mm 5.1 Travel speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.2 Lifting speed (laden / unladen) 0.59 m/s / 0.65 m/s 5.3 Lowering speed (laden / unladen) 0.59 m/s / 0.55 m/s 5.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 5.00 mm 6.1 Divernoe brake Electric 6.2 Lift motor rating at S3 15%	4.21	Overall width	b1	1120 mm
4.26 Distance between wheel arms/loading surfaces b4 900 mm 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.32 Ground clearance at centre of wheelbase m2 70 mm 4.33 Aisle width for 1000 x 1200 pallet lengthways Ast 2701 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2766 mm 4.35 Tuming radius Wa 1598 mm 4.7 Height of overhead guard (cabin) h6 2205 mm Performances 5.1 Travel speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.65 m/s 5.4.1 Reach speed (with load / without load) 0.59 m/s / 0.55 m/s 5.4.1 Reach speed (with load / without load) 0.59 m/s / 0.55 m/s 5.7 Gradeability (laden / unladen) 7.50 % / 11.10 % 5.1 Service brake Electric 6.1 Drive motor rating \$2.60 min 5.90 kW 6.2 Lift motor rating at \$3.15% 11 kW 6.3 Battery voltage / capacity 48 V / 465 Ah 6.5 <td>4.22</td> <td>Forks section / width / length</td> <td>s / e / l</td> <td>40 mm x 100 mm / 1150 mm</td>	4.22	Forks section / width / length	s / e / l	40 mm x 100 mm / 1150 mm
4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.32 Ground clearance at centre of wheelbase m2 70 mm 4.33 Aisle width for 1000 x 1200 pallet lengthways Ast 2761 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Wa 1598 mm 4.35 Turning radius Wa 1598 mm 4.7 Height of overhead guard (cabin) h6 2205 mm 5.1 Tavel speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.65 m/s 5.3 Lowering speed (laden / unladen) 0.59 m/s / 0.55 m/s 5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 0.20 m/s / 0.20 m/s 5.1 Pingline Electric 6.1 Drive motor rating \$2.60 min 5.90 kW 6.2 Lift motor rating \$2.60 min 5.90 kW 6.3 Battery vaccording to DIN 43531/35/36 A, B, C 11 kW 6.3 Battery weight (+/-5%) 731 kg <	4.23	Fork carriage ISO 2328 (class/form) A/B		2A
4.32 Ground clearance at centre of wheelbase m2 70 mm 4.33 Aisle width for 1000 x 1200 pallet lengthways 2701 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2768 mm 4.35 Tuming radius Wa 1598 mm 4.7 Height of overhead guard (cabin) h6 2205 mm Performances 5.1 Travel speed (laden / unladen) 0.49 m/s / 0.65 m/s 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.55 m/s 5.3 Lowering speed (laden / unladen) 0.59 m/s / 0.55 m/s 5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 7.50 % / 11.10 % 5.10 Sen/ice brake Electric Egine 6.1 Drive motor rating \$2.60 min 5.90 kW 6.2 Liff motor rating \$2.50 min 5.90 kW 6.2 Liff motor rating \$1.53 15% 11 kW 6.3 Battery orlage / capacity 48 V / 465 Ah 6.5 Battery weight (+	4.26	Distance between wheel arms/loading surfaces	b4	900 mm
4.33 Aisle width for 1000 x 1200 pallet lengthways 2701 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2768 mm 4.35 Turning radius Wa 1598 mm 4.7 Height of overhead guard (cabin) h6 2205 mm Performances 5.1 Travel speed (laden / unladen) 0.49 m/s / 0.65 m/s 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.65 m/s 5.3 Lowering speed (laden / unladen) 0.20 m/s / 0.20 m/s 5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 0.20 m/s / 0.20 m/s 5.10 Service brake Electric 6.1 Drive motor rating S2 60 min 5.90 kW 6.2 Lift motor rating S2 60 min 5.90 kW 6.2 Lift motor rating 4 S3 15% 11 kW 6.3 Battery vaccording to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery valight (+/- 5%) 48 V / 455 Ah 6.5 Battery weight (+/- 5%) 731 kg Milscellaneous 1 Electronic 8.3 Oil	4.25.1	Width over forks min. / max.	b5	316 mm / 697 mm
4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2768 mm 4.35 Tuming radius Wa 1598 mm 4.7 Height of overhead guard (cabin) h6 2205 mm Performances 1 Travel speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.65 m/s 5.3 Lowering speed (with load / without load) 0.59 m/s / 0.55 m/s 5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 0.20 m/s / 0.20 m/s 5.10 Service brake Electric 6.1 Drive motor rating S2 60 min 5.90 kW 6.2 Lift motor rating s2 50 min 5.90 kW 6.2 Lift motor rating s1 S3 15% 11 kW 6.3 Battery sociage / capacity 48 V / 455 Ah 6.4 Battery yoltage / capacity 48 V / 455 Ah 6.5 Battery weight (+/-5%) 731 kg Miscellaneous 1 8.1 Type of drive control Electronic 8.2 Jifl gw rate for attachments	4.32	Ground clearance at centre of wheelbase	m2	70 mm
4.35 Tuming radius Wa 1598 mm 4.7 Height of overhead guard (cabin) h6 2205 mm Performances 5.1 Travel speed ((aden / unladen) 12.30 km/h / 12.50 km/h 5.2 Lifting speed ((laden / unladen) 0.49 m/s / 0.55 m/s 5.3 Lowering speed ((laden / unladen) 0.59 m/s / 0.55 m/s 5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 7.50 % / 11.10 % 5.10 Service brake Electric Engine 6.1 Drive motor rating \$2.60 min 5.90 kW 6.2 Lift motor rating \$2.60 min 5.90 kW 6.2 Lift motor rating at \$3.15% 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	4.33	Aisle width for 1000 x 1200 pallet lengthways		2701 mm
4.7 Height of overhead guard (cabin) he formances 5.1 Travel speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.65 m/s 5.3 Lowering speed (laden / unladen) 0.59 m/s / 0.55 m/s 5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 2.00 m/s / 0.20 m/s 5.10 Service brake Electric Engine 6.1 Drive motor rating \$2.60 min 5.90 kW 6.2 Lift motor rating at \$3 15% 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	2768 mm
Performances 5.1 Travel speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.65 m/s 5.3 Lowering speed (with load / without load) 0.20 m/s / 0.20 m/s 5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 7.50 % / 11.10 % 5.10 Service brake Electric 6.1 Drive motor rating S2 60 min 5.90 kW 6.2 Lift motor rating s2 60 min 5.90 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 1/min	4.35	Turning radius	Wa	1598 mm
5.1 Travel speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.65 m/s 5.3 Lowering speed (with load / without load) 0.59 m/s / 0.55 m/s 5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 7.50 % / 11.10 % 5.10 Service brake Electric Engine 6.1 Drive motor rating \$2 60 min 5.90 kW 6.2 Lift motor rating at \$3 15% 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	4.7	Height of overhead guard (cabin)	h6	2205 mm
5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.65 m/s 5.3 Lowering speed (laden / unladen) 0.59 m/s / 0.55 m/s 5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 7.50 % / 11.10 % 5.10 Service brake Electric Engine 6.1 Drive motor rating \$2 60 min 5.90 kW 6.2 Lift motor rating at \$3 15% 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min		Performances		
5.3 Lowering speed (laden / unladen) 0.59 m/s / 0.55 m/s 5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 7.50 % / 11.10 % 5.10 Service brake Electric Engine 6.1 Drive motor rating \$2.60 min 5.90 kW 6.2 Lift motor rating at \$3.15% 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	5.1	Travel speed (laden / unladen)		12.30 km/h / 12.50 km/h
5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 7.50 % / 11.10 % 5.10 Service brake Electric Engine 6.1 Drive motor rating \$2.60 min 5.90 kW 6.2 Lift motor rating at \$3.15% 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	5.2	Lifting speed (laden / unladen)		0.49 m/s / 0.65 m/s
5.7 Gradeability (laden / unladen) 7.50 % / 11.10 % 5.10 Service brake Electric Engine 6.1 Drive motor rating \$2.60 min 5.90 kW 6.2 Lift motor rating at \$3.15% 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	5.3	Lowering speed (laden / unladen)		0.59 m/s / 0.55 m/s
5.10 Service brake Electric Engine Companies 6.1 Drive motor rating \$2.60 min 5.90 kW 6.2 Lift motor rating at \$3.15% 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/-5%) 731 kg 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	5.4.1	Reach speed (with load / without load)		0.20 m/s / 0.20 m/s
Engine Engine 6.1 Drive motor rating \$2.60 min 5.90 kW 6.2 Lift motor rating at \$3.15% 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	5.7	Gradeability (laden / unladen)		7.50 % / 11.10 %
6.1 Drive motor rating \$2.60 min 5.90 kW 6.2 Lift motor rating at \$3.15% 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	5.10	Service brake		Electric
6.2 Lift motor rating at \$3 15% 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min		Engine		
6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	6.1	Drive motor rating S2 60 min		5.90 kW
6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	6.2	Lift motor rating at S3 15%		11 kW
6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	6.3	Battery according to DIN 43531/35/36 A, B, C		DIN43531 B
Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	6.4	Battery voltage / capacity		48 V / 465 Ah
8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	6.5	Battery weight (+/- 5%)		731 kg
8.3 Oil flow rate for attachments 25 1/min		Miscellaneous		
	8.1	Type of drive control		Electronic
8.4 Sound level at the driver's ear according to DIN 12 053 57.40 dB	8.3	Oil flow rate for attachments		25 I/min
	8.4	Sound level at the driver's ear according to DIN 12 053		57.40 dB

ER 14 - Dimensional drawing



Characteristics of masts and residual capacities

Free Lift Triplex (FLT)	FLT 48	FLT 54	FLT 57	FLT 63	FLT 68	FLT 73	
α - Mast/fork carriage tilt, forward	۰	3	3	3	3	3	3
β - Mast/fork carriage tilt, backward	۰	1	1	1	1	1	1
h1 - Mast lowered height	mm	2140	2340	2440	2640	2790	2957
h2 - Mast free lift	mm	1600	1800	1900	2100	2250	2417
h3 - Mast lifting height	mm	4800	5400	5700	6300	6800	7300
h4 - Mast extended height	mm	5380	5980	6280	6880	7330	7830
Residual capacity with integrated side shift at max heigth	kg	1400	1400	1400	1000	700	





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