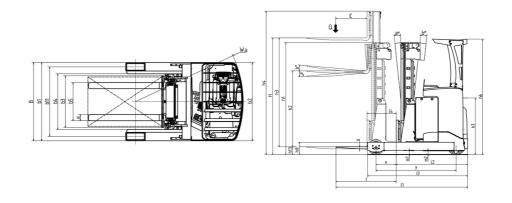
Technical sheet:

ER 14



Maurifacture		Technical characteristics		Metric
1.4 Openity type	1.1	Manufacturer		MANITOU
1.5 Max. capacity Q 1400 kg	1.2	Model Name		ER 14
1.5 Max. capacity c 600 mm 1.8 Load distance, error of drive axie to fook x 307 mm 1.9 Wheelbase y 1378 mm 2.1 Service weight	1.3	Power source		Electrical - Lead
1.6	1.4	Operator type		Seated
1.0 Wheelbase	1.5	Max. capacity	Q	1400 kg
New	1.6	Load center of gravity	С	600 mm
	1.8	Load distance, centre of drive axle to fork	x	307 mm
2.1 Sensice weight 2710 kg Volteds Vulkollan 3.1 Tires type Vulkollan 3.5.2 Number of ford weeles "Size of load wheels 2.2 x 20x x 55 3.5 Number of front wheels / rear wheels 1.2 3 x 20x x 55 3.5 Font wheel gauge b10 0 mm 3.6 Font wheel gauge b11 995 mm 0 Immestions b11 995 mm 4.8 Seath-eight/stand height 77 1077 mm 4.9 Use of forks 11 2413 mm 4.20 Useful bright 12 122 mm 4.21 Overall width 11 2413 mm 4.22 Foks section / width / length 5 x e/ 1 40 mm x 100 mm / 1150 mm 4.22 Foks section / width / length 5 x e/ 1 40 mm x 100 mm / 1150 mm 4.23 Foks section / width / length 5 x e/ 1 40 mm x 100 mm / 1150 mm 4.25 Ock same, long of widesang surfaces B4 900 mm 4.25 Width over foks im. / max 15 3	1.9	Wheelbase	у	1378 mm
Witcels		Weight		
1 1 1 1 1 1 1 1 1 1	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 1 / 2 3.5 Number of food wheels / rear wheels 1 / 2 3.6 Front wheel gauge b10 0 mm 3.7 Pear wheel gauge b10 995 mm 0 Immanions Unamations Unamations Unamations 4.8 Seat height/stand height h7 107 mm 4.9 Uncell length 11 2413 mm 4.20 Length to face of forks 12 1263 mm 4.21 Overall world 5 / e/1 40 mm x 100 mm / 1150 mm 4.22 Fork section / width / length 5 / e/1 40 mm x 100 mm / 1150 mm 4.23 Fork section / width / length 5 / e/1 40 mm x 100 mm / 1150 mm 4.24 Pork carriage ISO 2328 (class / form) A/B 2 / e 2A 4.25 Unified world width / length 5 / e/1 40 mm x 100 mm / 1150 mm 4.25 Oistance between wheel amms/loading surfaces b4 900 mm 4.25 Width over forks min. / max. 55 316		Wheels		
3.3 Number of load wheels - Size of load wheels 1 / 2 3.5 Wumber of front wheel a year b10 0 mm 3.6 For thinkel gauge b10 0 mm 3.7 Rear wheel gauge b11 995 mm 4.8 Seat height/stand height h7 1 1077 mm 4.19 Overall length 11 2413 mm 4.20 Length to face of forks 12 1253 mm 4.21 Overall width b1 1120 mm 4.22 Fock saction / width / length s / e / I 40 mm x 100 mm / 1150 mm 4.23 Fock saction / width / length s / e / I 40 mm x 100 mm / 1150 mm 4.24 Fock saction / width / length s / e / I 40 mm x 100 mm / 1150 mm 4.25 Tok carriage (S0228) class / form) / R8 s / e / I 40 mm x 100 mm / 1150 mm 4.25 Obstance between wheel arms / loading surfaces b5 316 mm / 697 mm 4.25 Width over fock min / max s / e / I 40 mm / 697 mm 4.32 Ground clearance at center of wheelbase m2 70 m	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 l1 2413 mm 4.20 Length of face of forks l2 1263 mm 4.21 Loverall width b1 1120 mm 4.22 Fork section / width / length s / e / l 40 mm x 100 mm / 1150 mm 4.23 Fork carriage ISO 2228 (class/form) A/B 2A 2A 4.26 Distance between wheel amms/loading surfaces b5 316 mm / 697 mm 4.25.1 Width over forks min / max b5 316 mm / 697 mm 4.25.2 Ground clearance at cente of wheelbase m2 70 mm 4.31 Aiste width for 1000 x 1200 pallet lengthways Ast 22701 mm 4.33 Aiste width for 800x 1200 pallet lengthways Ast 2766 mm 4.7 Height of overhead guard (cabin) h6 2205 mm 5.1	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 II 2413 mm 4.20 Length to face of forks 12 1263 mm 4.21 Overall width b1 1120 mm 4.22 Fork section / width / length \$ e / 1 40 mm x 100 mm / 1150 mm 4.23 Fork carriage ISO 22/38 (class/form) A/IB 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 4.27 Ground clearance at centre of wheelbase m2 70 mm 4.28 Asis ewidth for 1000 x 1200 pallet lengthways Ast 2276 mm 4.31 Asis ewidth for 800 x 1200 pallet lengthways Ast 2276 mm 4.32 Italie with for 6800 x 1200 pallet lengthways Ast 2276 mm 4.37 Turning radius Max 11230 km/h / 12.50 km/h	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 1583 mm 4.21 Overall width b1 1120 mm 4.22 Fork seedino / width / length s e / l 40 mm x 100 mm / 1150 mm 4.23 Fork carriage ISO 2238 (class/form) A/B s e / l 40 mm x 100 mm / 1150 mm 4.24 Distance between wheel amms/loading surfaces b4 900 mm 4.25.1 Width over fork s min. / max. b5 316 mm / 697 mm 4.25.2 Ground clearance at centre of wheelbase m2 70 mm 4.24 Ground clearance at centre of wheelbase m2 70 mm 4.25 Width over fork s min. / max. b5 316 mm / 697 mm 4.26 Ground clearance at centre of wheelbase m2 70 mm 4.27 Width or 1000 x 1200 pallet lengthways Ast 2768 mm 4.34 Alsie width for 800 x 1200 pallet lengthways Ast 2768 mm 4.5 Taming radia M2	3.7	Rear wheel gauge	b11	995 mm
4.19 Overall length 11 2413 mm 4.20 Length to face of forks 12 1263 mm 4.21 Overall width for face of forks 15 1263 mm 4.22 Fork section / width / length \$ / e / l 40 mm x 100 mm / 1150 mm 4.23 Fork carriage ISO 2232 (class/form) A/B 5 2A 4.26 Distance between wheel amms/loading surfaces b5 316 mm / 697 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 1000 x 1200 pallet lengthways Ast 2701 mm 4.33 Alsie width for 800x 1200 pallet lengthways Ast 2701 mm 4.34 Alsie width for 800x 1200 pallet lengthways Ast 2701 mm 4.35 Tuming radius Wa 1598 mm 4.34 Lifting speed (laden / unladen) B 0 2205 mm 5.1 Taxel speed (laden / unladen) 0.49 m/s / 0.65 m/s 0.50 m/s / 0.55 m/s / 0.55 m/s <tr< td=""><td></td><td>Dimensions</td><td></td><td></td></tr<>		Dimensions		
4.20 Length to face of forks 12 1268 mm 4.21 Overall width b1 1120 mm 4.22 Fork section / width / length \$ / e/1 40 mm x 100 mm / 1150 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 forks min. / max. b5 316 mm / 697 mm 4.25.2 Ground clearance at centre of wheelbase m2 70 mm 4.32 Ground clearance at centre of wheelbase m2 70 mm 4.33 Alsie width for 1000 x 1200 pallet lengthways Ast 2701 mm 4.34 Alsie 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) 0.49 m/s / 0.55 m/s 5.1 Tarwel speed (laden / unladen) 0.49 m/s / 0.55 m/s 5.3 Lowering speed (laden / unladen) 0.99 m/s / 0.55 m/s	4.8	Seat height/stand height	h7	1077 mm
4.21 Overall width / length 5 / e / l 40 mm x 100 mm / 1150 mm 4.22 Fork s section / width / length 2A 4.23 Fork carriage ISO 22328 (class/fom) A /B 2A 4.26 Distance between wheel ams/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 A sile width for 800 x 1200 pallet lengthways ast 2701 mm 4.34 A isle width for 800 x 1200 pallet lengthways Ast 2768 mm 4.35 Turning radius Ma 1598 mm 4.7 Height of overhead guard (cabin) Ma 1598 mm 4.7 Height of overhead guard (cabin) Ma 200 mm 5.1 Travel speed (laden / unladen) 0.49 m/s / 0.55 m/s 0.49 m/s / 0.55 m/s 5.2 Liffing speed (laden / unladen) 0.59 m/s / 0.55 m/s 0.59 m/s / 0.55 m/s 5.3 Lowering speed (with load / without load) 0.20 m/s / 0.20 m/s 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 0.20 m/s / 0.20 m/s 0.20 m/s / 0.20 m/s	4.19	Overall length	l1	2413 mm
4.22 Forks section / width / length s / e / l 40 mm x 100 mm / 1150 mm 4.23 Fork camiage ISO 2388 (class/form) A/B 2A 4.26 Distance between wheel ams/loading surfaces bf 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 Ma 1598 mm 4.35 Tuming addu Wa 1598 mm 4.7 Height of overhead guard (cabin) b6 2205 mm 4.7 Height of overhead guard (maden) 12.30 km/h / 12.50 km/h 5.2 Lifting speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.3 Lowering speed (laden / unladen) 0.49 m/s / 0.65 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 m/s 6.1 Drive motor rating \$2.50 min 5.50 kW 6.1 Driv	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 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 2768 mm 4.35 Tuming radius M8 1598 mm 4.37 Height of overhead guard (cabin) h6 2205 mm 4.7 Height of overhead guard (cabin) h6 2205 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 / 0.55 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 / 0.50 m/s 6.1 Divernor pating 2.50 min 5.90 km 6.1 Divernor pating 2.	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 center 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 Wa 1598 mm 4.7 Height of overhead guard (cabin) h6 2205 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 (laden / unladen) 0.59 m/s / 0.50 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 \$2.60 min 5.90 kW 6.3 Battery according to DIN 43531/55/36 A, B, C Ba	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 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 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 5.1 Sevice brake Electric Englin Electric 6.1 Drive motor rating \$2.50 min 5.90 kW 6.2 Lift motor rating \$2.50 min 5.90 kW 6.3 Battery according to DIN 43531/35/36 A, B, C 11 kW 6.3 Battery weight (+/-5%) 48 V / 465 Ah	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) 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 / 0.20 m/s 5.7 Gradeability (laden / unladen) 0.20 m/s / 0.20 m/s 5.10 Senrice brake Electric Engine Electric 6.1 Drive motor rating \$2.60 min 5.90 kW 6.2 Liff motor rating \$2.60 min 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery weight (*/- 5%) 48 V / 465 Ah 6.5 Battery weight (*/- 5%) 731 kg Miscell	4.26	Distance between wheel arms/loading surfaces	b4	900 mm
4.33 Aisle width for 1000 1200 pallet lengthways Ast 2701 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ma 1598 mm 4.35 Turning radius Ma 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 5.3 Lowering speed (laden / 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) 5.00 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 4S3 15% 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C 3.00 m/s / 0.20 m/s 6.4 Battery velgat / capacity 48 V / 465 Ah 6.5 Battery weight (+/-5%) 7.31 kg Milscellaneous 18 Milscellaneous 18 Milscellaneous<	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 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 (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) 0.20 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 \$2.50 min 5.90 kW 6.2 Lift motor rating \$3.15% 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Battery weight (+/- 5%) 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 <td>4.32</td> <td>Ground clearance at centre of wheelbase</td> <td>m2</td> <td>70 mm</td>	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 (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 / 0.20 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 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 veight (+/- 5%) 731 kg Miscellaneous Hiscellaneous 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
Height of overhead guard (cabin) h6 2205 mm	4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	2768 mm
Performances 1 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 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 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 Electronic 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/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 S2 60 min 5.90 kW 6.2 Lift motor rating at S3 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 6.1 Drive motor rating S2 60 min 5.90 kW 6.2 Lift motor rating at S3 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
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	5.4.1	Reach speed (with load / without load)		0.20 m/s / 0.20 m/s
Engine Engine 6.1 Drive motor rating S2 60 min 5.90 kW 6.2 Lift motor rating at S3 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 S2 60 min 5.90 kW 6.2 Lift motor rating at S3 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 l/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 l/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	٠	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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