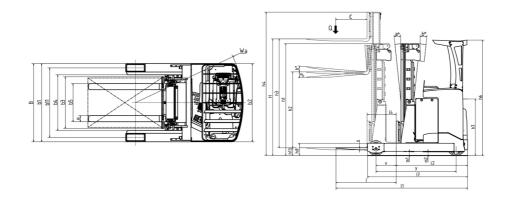
Technical sheet:

ER 14



Munifacture		Technical characteristics		Metric
Fleetineal Fle	1.1	Manufacturer		MANITOU
1.5 Max. capacity Q 1400 kg	1.2	Model Name		ER 14
1.5 Load center of gravity c 6.00 mm 1.8 Load distance, centre of drive axie to fork x 307 mm 1.9 Wheelbase y 1378 mm 2.1 Service weight 2710 kg 2.1 Service weight Wulkoltan 3.1 Times type Vulkoltan 3.2 Number of flow wheels - Size of old weels 1.3 355 155 3.2 Number of flow wheels - Size of old weels 1.3 25 155 3.5 Number of flow wheels - Size of old weels 1.2 2 220 x85 3.5 Number of flow wheels - Size of old weels 1.2 2 220 x85 3.5 Number of flow wheels - Size of old weels 1.1 2 2 2 20 x85 3.5 Number of flow wheels - Size of old weels 1.1 2 2 2 2 20 x85 3.5 Number of flow wheels - Size of old weels 1.1 2 2 2 2 20 x85 3.5 Number of flow wheels of size of siz	1.3	Power source		Electrical
1.6	1.4	Operator type		Seated
1.0 Wheelbase	1.5	Max. capacity	Q	1400 kg
Meelbase Weight	1.6	Load center of gravity	С	600 mm
	1.8	Load distance, centre of drive axle to fork	х	307 mm
Service weight	1.9	Wheelbase	у	1378 mm
Wikels		Weight		
Number of drive wheels - Size of drive wheels 1 x x 55 x 155 1 x 555 x 155 1 x 555 x 155 1 x 175 x	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 float wheels - Size of load wheels 2 x 220 x 85 3.5 Number of float wheels / rear wheels 1 1 / 2 3.6 Front wheel gauge b10 0 mm 3.7 Rear wheel gauge b10 0 mm 3.7 Rear wheel gauge b10 995 mm Dimensions 4.8 Sea thelphytand height h7 1077 mm 4.9 Overall length 11 2413 mm 4.20 Length to face of focks 12 1263 mm 4.21 Overall width j1 110 mm 4.22 Fook section / width / length j2 1263 mm 4.23 Fook section / width / length j6 20 mm 4.22 Fook section / width / length j6 20 mm 4.23 Fook cartiage ISO 2238 (class/form) A/B j6 20 mm 4.25 Uistance between wheel arms/loading surfaces j6 31 mm / 697 mm 4.25 Width over forks min / ma		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 Bear wheel gauge b10 0 mm 3.8 Fornt 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 1120 mm 4.22 Foks action / width / length 5 / r / 1 40 mm x 100 mm / 1150 mm 4.22 Foks action / width / length 5 / r / 1 40 mm x 100 mm / 1150 mm 4.22 Foks caraige (1802 228 (class/mm) / /B 2 / 2 2 4.25 Oke caraige (1802 228 (class/mm) / /B 5 / r / 1 40 mm x 100 mm / 1150 mm 4.25 Oistance between wheel ams/loading surfaces b5 316 mm / 697 mm 4.25 Width over foks min / max. b5 316 mm / 697 mm 4.22 Giound cleanance at center of wheelbase m2 70 mm	3.1	Tires type		Vulkollan
3.5 Number of front wheels / ear 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 11 2413 mm 4.19 Overall length 11 2413 mm 4.20 Length of ace of foks 12 1263 mm 4.21 Overall width b1 11720 mm 4.22 Fork section / width / length \$ / e/1 40 mm x 100 mm / 1150 mm 4.23 Fork cardage ISO 2238 (class/form) A/8 \$ / e/1 40 mm x 100 mm / 1150 mm 4.26 Distance between wheel amms/loading surfaces B4 900 mm 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.26 Distance between wheel amms/loading surfaces B4 900 mm 4.27 Ground clearance at centre of wheelbase B5 316 mm / 697 mm 4.28 Jisse width for 1000 x 1200 pallet lengthways Ast 2701 mm 4.34 Alsie width for 1000 x 1200 pallet lengthways Ast 2720 mm <td>3.5.2</td> <td>Number of drive wheels - Size of drive wheels</td> <td></td> <td>1 x 355 x 155</td>	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 17 1077 mm 4.19 Overall length 11 2413 mm 4.20 Length to face of forks 12 1223 mm 4.21 Overall width 51 (2 mm) 1120 mm 4.22 Fork section / width / length 5 (2 mm) 4 (2 mm) 4.23 Fork camage ISO 2738 (class/form) A/B 2 A 2A 4.24 Distance between wheel amms/loading surfaces 44 900 mm 4.25.1 Width over forks min. / max. 5 S 316 mm / 697 mm 4.26 Distance between wheel amms/loading surfaces 44 900 mm 4.27 Width over forks min. / max. 5 S 316 mm / 697 mm 4.28 Ground clearance at centre of wheelbase m2 70 mm 4.32 Asia with for 1000 x 1200 pallet lengthways Ast 2750 mm 4.33 Alse with for 800 x 1200 pallet lengthways Ast 2726 mm <th< td=""><td>3.3</td><td>Number of load wheels - Size of load wheels</td><td></td><td>2 x 220 x 85</td></th<>	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 I1 2413 mm 4.20 Length to face of forks I2 1265 mm 4.21 Overall width b1 1120 mm 4.22 Fork seedino / width / length s / e / I 40 mm x 100 mm / 150 mm 4.23 Fork carriage ISO 2238 (class/form) A/B 24 900 mm 4.26 Distance between wheel amms/loading surfaces b4 900 mm 4.25.1 Width over fork min. / max. b5 316 mm / 697 mm 4.32 Ground clearance at centre of wheelbase m2 70 mm 4.33 A sise width for 1000 x 1200 pallet lengthways Ast 22701 mm 4.34 A sise width for 800 x 1200 pallet lengthways Ast 2768 mm 4.35 Tuming radius Wa 1598 mm 4.7 Height of overhead guard (cabin) Wa 1598 mm 5.1 Tavel speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.2 Liffing speed (laden / unladen) 0.20 m/s / 0.55 m/s <td< td=""><td>3.7</td><td>Rear wheel gauge</td><td>b11</td><td>995 mm</td></td<>	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 1265 mm 4.21 Overall width for 10 face of forks 51 1120 mm 4.22 Fork section / width / length 5 / e / 1 40 mm x 100 mm / 1150 mm 4.23 Fork carriage ISO 2329 (class/form) A/B 2A 2A 4.26 Distance between wheel arms/loading surfaces b5 310 mm / 697 mm 4.25.1 Width over forks min. / max. b5 310 mm / 697 mm 4.32 Ground clearance at centre of wheelbase m2 70 mm 4.33 Alsie width for 1000 x 1200 pallet lengthways Ast 2768 mm 4.34 Alsie width for 8000 x 1200 pallet lengthways Ast 2768 mm 4.35 Tuming radius Wa 1598 mm 4.34 Alsie width for 8000 x 1200 pallet lengthways Ast 2768 mm 4.35 Tuming radius Wa 1598 mm 4.37 Tuming radius Wa 1598 mm 5.7 Tavel speed (laden / unladen) 0.40 m/s / 0.50 m/s 0.50 m/s / 0.55 m/s 5.1 Tavel speed (laden /		Dimensions		
4.20 Length to face of forks 12 1263 mm 4.21 Overall width b1 1120 mm 4.22 Forks section / width / length s / 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 4.32 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 4.7 Height of overhead guard (cabin) Wa 1598 mm 4.7 Height of overhead guard (cabin) b6 2205 mm 5.1 Tarwel speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.2 Lifting speed (laden / unladen) 0.9 m/s / 0.55 m/s 5.3.1 Reach speed (with load / without load) 0.9 m/s / 0.55 m/s 5.7 Gradeability (laden / unladen) 0.20 m/s / 0.20 m/s	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 2282 (class/form) 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 Aslie width for 1000 x 1200 pallet lengthways Ast 2701 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2701 mm 4.35 Tuming radius Wa 1598 mm 4.7 Height of overhead guard (cabin) Ma 1598 mm 4.7 Tavel speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.1 Tavel speed (laden / unladen) 12.30 km/h / 12.50 km/h 5.2 Liffting speed (laden / unladen) 0.59 m/s / 0.55 m/s 5.3 Lowering speed (with load / without load) 0.59 m/s / 0.55 m/s 5.1 Reach speed (with load / without load) 7.50 k/ / 11.10 k	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 carniage ISO 2388 (class/form) 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 Aisle width for 1000 x 1200 pallet lengthways Ast 2701 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2768 mm 4.7 Height of overhead guard (cabin) Ma 1598 mm 4.7 Height of overhead guard (maken) Ma 12.30 km/h / 12.50 km/h 5.2 Lifting speed (laden / unladen) 12.30 km/h / 12.50 km/h 12.30 km/h / 12.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.55 m/s 1.50 km/h 5.1 Reach speed (with load / without load) 7.50 k/ 11.10 km/h 1.50 km/h 5.1 Resince byseed (with load / without load) 1.50 km/h 1.50 km/h 6.1 Drive motor rating \$2.50 min 1.1 km 1.1 km </td <td>4.20</td> <td>Length to face of forks</td> <td>12</td> <td>1263 mm</td>	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 Ma 1598 mm 4.47 Height of overhead guard (cabin) h6 2205 mm Performances 5.1 Travel speed (laden / unladen) 12.30 km/h / 12.50 km/h / 15.00 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 / 0.50 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 5.0 Beright 1.11 N 6.1 Drive motor rating 25 0 min 5.90 kW 6.2	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 quard (cabin) h6 2205 mm 6.1 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 5.4.1 Reach speed (with load / without load) 0.59 m/s / 0.25 m/s 5.4.1 Reach speed (with load / without load) 0.59 m/s / 0.25 m/s 5.7 Gradeability (laden / unladen) 7.50 % / 11.10 % 5.10 Service brake Electric 6.1 Dive motor rating \$2.60 min 5.90 kW 6.2 Lift motor rating \$2.60 min 11 kW 6.3 Battery societing to DIN 45531/35/36 A, B, C 0.11 kW 6.3 Battery weight (+/-5%) <	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 adius 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 5.10 Sentice brake Electric Engline 11 kW 6.2 Lift motor rating \$2.00 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 1	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 / 0.55 m/s 5.2 Liffing speed (laden / unladen) 0.49 m/s / 0.55 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) 0.59 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 0.59 m/s / 0.20 m/s 5.10 Service brake Electric Engine Electric 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 \$2.50 min 11 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN43531 B 6.4 Batter	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) 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 5.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.10 Service brake Electric Engine 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 st S3 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	4.25.1	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) 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 \$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 outgag / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 731 kg Miscellaneous 8.1 Type of drive control Electronic <td< td=""><td>4.32</td><td>Ground clearance at centre of wheelbase</td><td>m2</td><td>70 mm</td></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 / 0.55 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 veight (+/- 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
Height of overhead guard (cabin) h6 2205 mm	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) 0.59 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 Dive motor rating \$2.60 min 5.90 kW 6.2 Lift motor rating \$2.60 min 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 Electronic 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 I/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 (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 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	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 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		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 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	5.1	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 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	5.3	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 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 5.90 kW 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 Electronic 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	6.2			11 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	6.3	Battery according to DIN 43531/35/36 A, B, C		DIN43531 B
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	6.4			48 V / 465 Ah
Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min				
8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min				
8.3 Oil flow rate for attachments 25 l/min	8.1			Electronic
		••		

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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