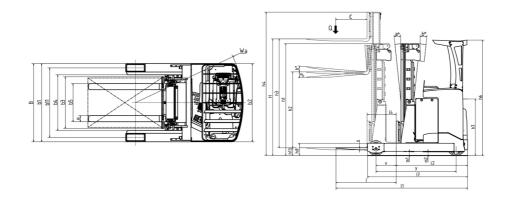
Technical sheet:

ER 16



Manufacturer		Technical characteristics		Metric
1.4	1.1	Manufacturer		MANITOU
1.4	1.2	Model Name		ER 16
1.5 Max. capacity 0 1.00 Ms 1.8 Loud distance, centre of dive axie to fork x 4.00 mm 1.9 Wheelbase y 1.44 mm 2.1 Service weigh	1.3	Power source		Electrical
1.6	1.4	Operator type		Seated
1.0 Viberblase Viserblase Viserblase	1.5	Max. capacity	Q	1600 kg
1.9 Wheelbase Wheelbase	1.6	Load center of gravity	С	600 mm
	1.8	Load distance, centre of drive axle to fork	X.	439 mm
2.1 Service weight 3.10 (Nines) 3.10 (Nines) 3.10 (Nines) 1.319 (Nines) 1.319 (Nines) 1.325 (Nines) 1.325 (Nines) 1.325 (Nines) 2.2 x 3287105 3.5.2 (Nines) 1.2 (Sines) 3.5.2 (Nines) 1.2 (Sines) 3.5.2 (Nines) 1.7 (2 3.5.2 (Nines) 1.7 (2 3.5.2 (Nines) 1.7 (2 3.5.2 (Nines) 1.7 (2 3.5.2 (Nines)	1.9	Wheelbase	у	1448 mm
Minesis Winesis Wilkidian Wilkidia		Weight		
1 1 1 1 1 1 1 1 1 1	2.1	Service weight		3190 kg
3.5.2 Number of drive wheels - Size of drive wheels 1 x 355 x 155 3.3 Number of load wheels - Size of load wheels 2 x 282**105 3.5 Number of float wheels / rear wheels 1 / 2 3.6 Front wheel gauge b10 0 mm 3.7 Rear wheel gauge b10 0 mm 4.7 Height of overhead guad (cabin) h6 2205 mm 4.8 Sach height stand height h7 107 mm 4.9 Uverall length 11 2379 mm 4.20 Length of sace of forks 12 1229 mm 4.21 Overall width 10 1 207 mm 4.22 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 4.23 Fork section / width / length \$ / e/1 40 mm x 100 mm / 1150 mm 4.24 Fork section / width / length \$ / e/1 40 mm x 100 mm / 1150 mm 4.25.1 Width over forks min. / max. \$ / e/1 40 mm x 100 mm / 1150 mm 4.25.1		Wheels		
3.3 Number of load wheels - Size of load wheels 1 / 2 3.5 Number of front wheels year wheels 1 / 2 3.6 Font wheel gauge b10 0 mm 3.7 Rear wheel gauge b11 1130 mm 4.7 Height of overhead guard (cabin) h6 2205 mm 4.8 Sea height/stand height h7 1077 mm 4.9 Uengil length 11 2379 mm 4.20 Length to face of forks 12 1229 mm 4.21 Overall width b1 1279 mm 4.22 Fork section / width / length s / e / l 40 mm x 100 mm / 150 mm 4.23 Fork section / width / length s / e / l 40 mm x 100 mm / 150 mm 4.24 Fork section / width / length s / e / l 40 mm x 100 mm / 150 mm 4.25 Distance between wheel amsi/loading surfaces b4 912 mm 4.26 Gound cleannee at centre of wheelbase m2 70 mm 4.21 Six el width for 1000 x 1200 pallet lengthways Ast 2228 mm 5.1	3.1	Tires type		Vulkollan
3.5 Number of front wheels / rear wheels 1 / 2 3.6 Front wheel gauge b10 0 mm 0 Dimensions	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 1130 mm 4.7 Height of ownead guard (cabin) h6 2205 mm 4.8 Seat height/stand height h7 1077 mm 4.9 Overall leight l1 23379 mm 4.20 Length of ace of foks l2 122 mm 4.21 Fork section / width / length b1 1270 mm 4.22 Fork carriage ISO 2232 (class/form) A/B s / e/1 40 mm x 100 mm / 1150 mm 4.25 Distance between wheel arms/loading surfaces b4 912 mm 4.25 Oisund clearance at centre of wheelbase m2 70 mm 4.25 Oisund clearance at centre of wheelbase m2 70 mm 4.32 Aisle width for 1000 x 1200 pallet lengthways Ast 2728 mm 4.33 Aisle width for 800 x 1200 pallet lengthways Ast 2728 mm 4.34 Liffing speed (laden / unladen) Wa 168 mm 5.7 Travel speed (laden / unladen) 9 4.9 m/s / 0.80 m/s	3.3	Number of load wheels - Size of load wheels		2 x 282*105
3.7 Rear wheel gauge bit 1130 mm 14 Height of owerhead guard (cabin) 66 2205 mm 4.8 Seat height/stand height h7 1077 mm 4.9 Overall length I1 2379 mm 4.19 Overall length 11 2379 mm 4.20 Length to face of forks 12 1229 mm 4.21 Overall width bb1 1270 mm 4.22 Fork section / width / length \$ f e / 1 40 mm x 100 mm / 1150 mm 4.23 Fork caraiges 105 2328 (class /form) A/B \$ f e / 2A 2A 4.24 Ustance between wheel ams/loading surfaces b4 912 mm 4.25 Distance between wheel ams/loading surfaces b4 912 mm 4.25 Oistance between wheel ams/loading surfaces b5 316 mm / 697 mm 4.25 Oistance between wheel ams/loading surfaces b4 912 mm 4.25 Oistance between wheel ams/loading surfaces b4 912 mm 4.25 Oistance between wheel ams/loading surfaces Ast 912 mm	3.5	Number of front wheels / rear wheels		1 / 2
	3.6	Front wheel gauge	b10	0 mm
4.7 Height of overhead guard (cabin) h6 2205 mm 4.8 Seat height vistand height h7 1077 mm 4.9 Overall length of face of forks 12 1229 mm 4.20 Length to face of forks 12 1229 mm 4.21 Overall width b1 1270 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 b4 912 mm 4.27 Width over forks min. / max. b4 912 mm 4.28 Ground clearance at centre of wheelbase m2 770 mm 4.31 Alsie width for 1000 x 1200 pallet lengthways a5 2689 mm 4.32 Alsie width for 800x 1200 pallet lengthways a70 mm 43 4.35 Turning radius Wa 1668 mm 5.1 Tarvel speed (lader / unladen) 4.0 4.0 4 m/s / 0.50 m/s 5.3 Lowering speed (lader / unladen) 4.0 4.0 4 m/s / 0.40	3.7	Rear wheel gauge	b11	1130 mm
4.8 Seat height/stand height h7 1077 mm 4.19 Overall length 11 2379 mm 4.20 Length to face of forks 12 1229 mm 4.21 Overall width b1 1270 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 b4 912 mm 4.26 Distance between wheel amms/loading surfaces b4 912 mm 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.26 Distance between wheel amms/loading surfaces m2 70 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 900x 1200 pallet lengthways Ast 2278 mm 4.32 Touring radius Ast 2278 mm 4.33 Alsie width for 800x 1200 pallet lengthways Ast 2278 mm 5.1 Tareel speed (laden / unladen) 0.49 m/s / 0.40 m/s <t< td=""><td></td><td>Dimensions</td><td></td><td></td></t<>		Dimensions		
4.19 Overall length 11 2379 mm 4.20 Length to face of fotks 12 1229 mm 4.21 Overall width b1 1279 mm 4.22 Fork section / width / length \$ re / l 40 mm x 100 mm / 1150 mm 4.23 Fork carriage ISO 2328 (class/form) A/B b4 91 mm 4.26 Distance between wheel amms/loading surfaces b4 91 mm 4.25.1 Width over forks min. / max. b5 316 mm / 697 mm 4.26 Circund clearance at centre of wheelbase m2 70 mm 4.32 A sile width for 100 x 1200 pallet lengthways Ast 2728 mm 4.33 A sile width for 800 x 1200 pallet lengthways Ast 2728 mm 4.34 A sile width for 800 x 1200 pallet lengthways Ast 27278 mm 4.35 Tuming radius B 1 1.688 mm 5.1 Tavel speed (laden / unladen) Wa 1.688 mm 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.48 m/s 0.49 m/s / 0.48 m/s 5.3 Gradeability (laden / unladen)	4.7	Height of overhead guard (cabin)	h6	2205 mm
4.20 Length to face of forks 12 1229 mm 4.21 Overall width b1 1270 mm 4.22 Fork section / width / length \$ / e/ 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 912 mm 4.25.1 Width over forks min. / max. 55 316 mm / 697 mm 4.28 Ground clearance at centre of wheelbase m2 70 mm 4.31 A lisle width for 1000 x 1200 pallet lengthways Ast 22689 mm 4.32 A lisle width for 500 x 1200 pallet lengthways Ast 2728 mm 4.33 A lisle width for 500 x 1200 pallet lengthways Ast 2728 mm 4.34 Lifting speed (laden / unladen) Ma 168 mm 5.1 Tavel speed (laden / unladen) 9 0.49 m/s / 0.80 m/s 5.2 Lifting speed (laden / unladen) 9 0.49 m/s / 0.80 m/s 5.3 Lowering speed (with load / without load) 9 0.20 m/s / 0.20 m/s 5.1 Reach speed (with load /	4.8	Seat height/stand height	h7	1077 mm
4.21 Overall width b1 1 270 mm 4.22 Forks section / width / length s / e / l 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 912 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 27278 mm 4.34 A sile width for 800 x 1200 pallet lengthways Ast 27278 mm 4.34 A sile width for 800 x 1200 pallet lengthways Ast 27278 mm 4.35 Tuming radius Ma 1 688 mm 4.34 A sile width for 800 x 1200 pallet lengthways Ast 2 7278 mm 4.35 Tuming radius Ma 1 16.80 mm 5.2 Liffing speed (laden / unladen) Wa 1 14.30 km/h / 14.50 km/h 5.2 Liffing speed (laden / unladen) S 0.20 m/s / 0.20 m/s 5.1 Service bax TS	4.19	Overall length	l1	2379 mm
4.22 Forks section / width / length \$ / e / l 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 912 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 2689 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Wa 1668 mm 4.35 Turning radius Wa 1668 mm 5.1 Travel speed (laden / unladen) Wa 16.30 m/s / 0.40 m/s 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.49 m/s / 0.80 m/s 0.49 m/s / 0.49 m/s / 0.20 m/s 5.3 Lowering speed (laden / unladen) 0.20 m/s / 0.20 m/s 0.20 m/s / 0.20 m/s 5.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 0.20 m/s / 0.20 m/s 5.1 Sewice brake Electric 15 kW 6.1 Drive motor rating \$2.50 min 1.5 kW 15 kW <	4.20	Length to face of forks	12	1229 mm
4.23 Fork carriage ISO 2328 (class/form) A/B 2A 4.26 Distance between wheel arms/loading surfaces b4 912 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 800 x 1200 pallet lengthways Ast 2728 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2728 mm 4.35 Tuming radius Ma 1668 mm 5.1 Travel speed (laden / unladen) Wa 14.30 km/h / 14.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.80 m/s 0.49 m/s / 0.80 m/s 5.3 Lowering speed (laden / unladen) 0.49 m/s / 0.20 m/s 0.20 m/s / 0.20 m/s 5.4 Reach speed (with load / without load) 9.850 % / 11.10 % 8.50 % / 11.10 % 5.7 Gradeability (laden / unladen) 9.850 % / 11.10 % 8.50 % / 11.10 % 5.1 Perice brake Electric 15 kW 6.1 Drive motor rating \$2.60 min 15 kW 15 kW 6.2	4.21	Overall width	b1	1270 mm
4.26 Distance between wheel amms/loading surfaces b4 912 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 2728 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2728 mm 4.35 Tuming radius Wa 1668 mm 5.1 Tavel speed (laden / unladen) Wa 14.30 km/h / 14.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.48 m/s 5.3 5.3 Lowering speed (laden / unladen) 0.49 m/s / 0.48 m/s 5.3 5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 6.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) Electric Electric 5.7 Gradeability (laden / unladen) 7.20 kW 15 kW 6.1 Divie motor rating \$2.50 min 7.20 kW 15 kW 6.2 Lift motor rating at \$3.15% 15 kW 15 kW 6.3	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 2889 mm 4.34 Aisle width for 1000 x 1200 pallet lengthways Ast 2728 mm 4.35 Turning radius Wa 1668 mm Perfomances 5.1 Travel speed (laden / unladen) 14.30 km/h / 14.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.80 m/s 5.3 Lowering speed (laden / without load) 0.49 m/s / 0.48 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) 8.50 % / 11.10 % 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 6.1 Engine 15 kW 6.2 Lift motor rating \$2.60 min 7.20 kW 6.2 Lift motor rating at \$3 15% 15 kW 6.3 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (*/	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 Ast 2689 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2728 mm 4.35 Tuning radius Wa 1668 mm 5.1 Performances *** Commance**** Commance*** Commance*** Commance*** Commance*** Commance*** Commance** C	4.26	Distance between wheel arms/loading surfaces	b4	912 mm
4.33 Aisle width for 1000 x 1200 pallet lengthways Ast 2689 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2728 mm 4.35 Tuming radius Wa 1668 mm Travel speed (laden / unladen) User 14.30 km/h / 14.50 km/h 5.1 Travel speed (laden / unladen) 0.49 m/s / 0.80 m/s 5.2 Liffing speed (laden / unladen) 0.49 m/s / 0.48 m/s 5.3 Lowering 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 Service brake Electric 6.1 Drive motor rating \$2.60 min 5.70 kW 6.2 Lift motor rating \$2.50 min 7.20 kW 6.3 Battery according to DIN 43531/35/36 A, B, C 15 kW 6.4 Battery veltage / capacity 48 V / 465 Ah 6. Battery weight (+/- 5%) 48 V / 465 Ah 6. Miscellaneous 5 8.1 Type of drive control 5 6 8.1 Type of drive control 5 <	4.25.1	Width over forks min. / max.	b5	316 mm / 697 mm
4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2728 mm 4.35 Tuming radius Wa 1668 mm Performances 5.1 Travel speed (laden / unladen) 14.30 km/h / 14.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.80 m/s 5.3 Lowering speed (laden / unladen) 0.49 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) 8.50 % / 11.10 % 5.7 Gradeability (laden / unladen) 8.50 % / 11.10 % 5.10 Service brake Electric Engine 6.1 Drive motor rating S2 60 min 7.20 kW 6.2 Lift motor rating s2 60 min 7.20 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43531 C 6.4 Battery veight (+/- 5%) 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 735 kg Miscellaneous 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	4.32	Ground clearance at centre of wheelbase	m2	70 mm
4.35 Tuming radius Wa 1668 mm Performances 5.1 Travel speed (laden / unladen) 14.30 km/h / 14.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.80 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) 8.50 % / 11.10 % 5.10 Service brake Electric 6.1 Drive motor rating \$2.60 min 7.20 kW 6.1 Drive motor rating \$2.60 min 7.20 kW 6.2 Lift motor rating at \$3.15% 15 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43531 C 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 735 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		2689 mm
Performances 5.1 Travel speed (laden / unladen) 14.30 km/h / 14.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.80 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) 8.50 % / 11.10 % 5.10 Service brake Electric 6.1 Drive motor rating \$2.60 min 7.20 kW 6.2 Lift motor rating \$2.50 min 15 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43531 C 6.4 Battery woltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 735 kg Miscellaneous Electronic 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	2728 mm
5.1 Travel speed (laden / unladen) 14.30 km/h / 14.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.80 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) 8.50 % / 11.10 % 5.10 Service brake Electric 6.1 Drive motor rating S2 60 min 7.20 kW 6.2 Lift motor rating at S3 15% 15 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43531 C 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/-5%) 735 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	1668 mm
5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.80 m/s 5.3 Lowering speed (laden / unladen) 0.49 m/s / 0.48 m/s 5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 8.50 % / 11.10 % 5.10 Service brake Electric Engline 6.1 Drive motor rating S2 60 min 7.20 kW 6.2 Lift motor rating at S3 15% 15 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43531 C 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/-5%) 735 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) 0.49 m/s / 0.48 m/s 5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 8.50 % / 11.10 % 5.10 Service brake Electric Engine 6.1 Drive motor rating \$2.60 min 7.20 kW 6.2 Lift motor rating at \$3.15% 15 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43531 C 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/-5%) 735 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)		14.30 km/h / 14.50 km/h
5.4.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 8.50 % / 11.10 % 5.10 Service brake Electric Engine 6.1 Drive motor rating \$2.60 min 7.20 kW 6.2 Lift motor rating at \$3.15% 15 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43531 C 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/-5%) 735 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 / 0.80 m/s
5.7 Gradeability (laden / unladen) 8.50 % / 11.10 % 5.10 Service brake Electric Engine 6.1 Drive motor rating \$2.60 min 7.20 kW 6.2 Lift motor rating at \$3.15% 15 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43531 C 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 735 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)		0.49 m/s / 0.48 m/s
Electric Engine 6.1 Drive motor rating \$2.60 min 7.20 kW 6.2 Lift motor rating at \$3.15% 15 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43531 C 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 735 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 Common of pating S2 60 min 7.20 kW 6.2 Lift motor rating at S3 15% 15 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43531 C 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 735 kg 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	5.7	Gradeability (laden / unladen)		8.50 % / 11.10 %
6.1 Drive motor rating \$2.60 min 7.20 kW 6.2 Lift motor rating at \$3.15% 15 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43531 C 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 735 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 S3 15% 15 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43531 C 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 735 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 DIN 43531 C 6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 735 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		7.20 kW
6.4 Battery voltage / capacity 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 735 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%		15 kW
6.5 Battery weight (+/- 5%) 735 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		DIN 43531 C
Miscellaneous Electronic 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
8.1Type of drive controlElectronic8.3Oil flow rate for attachments25 l/min	6.5	Battery weight (+/- 5%)		735 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 60.80 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		60.80 dB

ER 16 - Dimensional drawing



Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 48	FLT 54	FLT 63	FLT 68	FLT 73	FLT 80	FLT 85	FLT 90
Mast/fork carriage tilt, forward	۰	3	3	3	3	3	3	3	3
Mast/fork carriage tilt, backward	۰	1	1	1	1	1	1	1	1
h1 - Mast lowered height	mm	2140	2340	2640	2790	2957	3190	3673	3823
h2 - Mast free lift	mm	1600	1800	1900	2100	2400	2650	3100	3200
h3 - Mast lifting height	mm	4800	5400	6300	6750	7250	7950	8450	8950
h4 - Mast extended height	mm	5380	5980	6880	7330	7830	8530	9080	9530
Residual capacity with integrated side shift at max heigth	kg	1600	1600	1400	1100				





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