Technical sheet:

ER 16



Manufacturer		Technical characteristics		Metric
Mode Name	1.1			
1.1				
1.5 Max. capacity				
Max. capecity				
			0	
1.0 Wheelbase Yes 1448 mm Yes 1448 mm Yes Yes 1448 mm Yes Yes				*
New				
New Performance New Perfor			٧	1448 mm
		Weight		
Number of drive wheels - Size of drive wheels 1 x 35 x 155 Number of foot wheels - Size of load wheels 2 x 282 x 105 Sa	2.1	Service weight		3190 kg
Number of drive wheels - Size of drive wheels 1 x 355 x 155		Wheels		
3.5.2 Number of drive wheels - Size of drive wheels 2 x 25 x 105 3.3 Number of fload wheels - Size of load wheels 2 x 262 x 105 3.5 Number of fload wheels / rear wheels 1 / 2 3.6 Font wheel gauge	3.1	Tires type		Vulkollan
3.3 Number of fond wheels / tear wheels 1 / 2 3.5 Number of fond wheels / tear wheels 1 / 2 3.6 Font wheel gauge b10 0 mm 3.7 Rear wheel gauge b11 1130 mm 4.8 Seat helpfulstand helpful h7 1077 mm 4.9 Cevall length 11 2379 mm 4.20 Length to face of foks 12 122 pm 4.21 Overall width b1 1270 mm 4.22 Foks section / width / length b1 1270 mm 4.21 Overall width s / e/ / 40 mmx 100 mm / 1150 mm 4.22 Foks section / width / length b / e/ / 40 mmx 100 mm / 1150 mm 4.23 Fok section / width / length b / e/ / 40 mmx 100 mm / 1150 mm 4.24 Distance between wheel ams/loading surfaces b4 912 mm 4.25.1 Width over foks min. / max. b5 3 16 mm / 697 mm 4.25 Oxonud clearance alcenter of wheelbase m2 70 mm 4.33 Alsle width for 800 x 1200 pallet len	3.5.2			1 x 355 x 155
3.5 Number of front wheels / rear wheel gauge b10 0 mm 3.6 Font wheel gauge b11 1130 mm 0 Dimensions				
3.6 Front wheel gauge b10 0 mm 3.7 Rear wheel gauge b11 1130 mm 4.8 Seat height/stand height h7 1077 mm 4.19 Overall length to face of forks 11 2379 mm 4.20 Length to face of forks 12 1229 mm 4.21 Overall width b1 1270 mm 4.22 Fork carriage (SD 228 (class/form) A/B 2 2A 4.23 Fork carriage (SD 228 (class/form) A/B 2A 2A 4.25 Width over forks min. / max. b5 316 mm / 697 mm 4.26 Distance between wheel amms/loading surfaces b4 912 mm 4.27 Width over forks min. / max. b5 316 mm / 697 mm 4.28 Giound clearnace at centre of wheelbase m2 70 mm 4.29 Asise width for 1000 x 1200 pallet lengthways Ast 2228 mm 4.31 Asise width for 800 x 1200 pallet lengthways Ast 2229 mm 4.25 Lifting speed (laden / unladen) Wa 1626 mm 5.2<				
3.7 Rear wheel gauge bit 1130 mm 1 Omensions 1 4.18 Seak height/Stand height h7 1077 mm 4.19 Overall length 11 2379 mm 4.20 Length of ace of forks 12 1229 mm 4.21 Fork section / width / length 5 / 1 40 mm x 100 mm / 1150 mm 4.22 Fork carriage ISO 2328 (class/form) A/B 5 / 2 2 4.23 Fork carriage ISO 2328 (class/form) A/B 5 / 3 316 mm / 697 mm 4.24 Glound clearance at centre of wheelbase b5 316 mm / 697 mm 4.25 Ground clearance at centre of wheelbase b5 316 mm / 697 mm 4.24 Aside width for 1000 x 1200 pallet lengthways Ast 270 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2228 mm 4.35 Turning radius Wa 1668 mm 5.1 Tavel speed (Jaden / unladen) Wa 151 mm 14.30 km/h / 14.50 km/h 5.1 Tavel speed (Jaden / unladen) 2 0.49 m/s / 0.40 m/s <td></td> <td></td> <td>b10</td> <td></td>			b10	
4.8 Seat height/stand height h7 1077 mm 4.19 Overall length 11 2379 mm 4.20 Length to face of forks 12 21229 mm 4.21 Overall width b1 1270 mm 4.22 Fork carriage ISO 2328 (class/form) A/B \$ /e /l 40 mmx 100 mm / 1150 mm 4.23 Fork carriage ISO 2328 (class/form) A/B \$ 2A 4.24 Distance between wheel amms/loading surfaces \$ 44 912 mm 4.25 Width over forks min. / max. \$ 5 316 mm / 697 mm 4.25 Ground clearance at centre of wheelbase m2 70 mm 4.32 Alsie width for 1000 x 1200 pallet lengthways Ast 2288 mm 4.33 Alsie width for 1000 x 1200 pallet lengthways Ast 22728 mm 4.34 Alsie width for 1000 x 1200 pallet lengthways Ast 22228 mm 4.35 Tuming radius Wa 1668 mm 4.35 Tuming radius Wa 1668 mm 5.2 Height of overhead guard (cabin) 0.40 m/s / 0.40 m/s 5.3 </td <td>3.7</td> <td></td> <td>b11</td> <td>1130 mm</td>	3.7		b11	1130 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 2282 (class/form) A/B 2A 2A 4.26 Distance between wheel ams/loading surfaces b4 912 mm 4.25.1 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 800 x 1200 pallet lengthways Ast 228 mm 4.32 Alsie width for 800 x 1200 pallet lengthways Ast 22728 mm 4.34 Alsie width for 800 x 1200 pallet lengthways M3 1668 mm 4.37 Tuming radius M3 1668 mm 4.37 Tuming radius M3 1668 mm 5.1 Travel speed (laden / unladen) 0,49 m/s / 0,80 m/s 5.1 Travel speed (laden / unladen) 0,49 m/s / 0,40 m/s 5.2 Lifting speed (laden / unladen) 0,49 m/s / 0,40 m/s		Dimensions		
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 2328 (class/form) A/B 2A 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 Ground clearance at centre of wheelbase m2 70 mm 4.31 A isle width for 1000 x 1200 pallet lengthways A8 2689 mm 4.32 A isle width for 800x 1200 pallet lengthways A8 2728 mm 4.34 A isle width for 800x 1200 pallet lengthways A8 1668 mm 4.35 Tuming radius Wa 1668 mm 4.7 Height of overhead guard (cabin) B6 2205 mm 4.7 Height of overhead guard (widen) B1 14.30 km/h / 14.50 km/h 5.1 Tavel speed (laden / unladen) C.0.49 m/s / 0.48 m/s 0.48 m/s 5.2 Gradeability (laden / unladen) R.0.	4.8	Seat height/stand height	h7	1077 mm
4.21 Overall width Defendent of the pith 1 1270 mm 4.22 Forks section / width / length s / e/1 40 mm x 100 mm / 1150 mm 4.23 Fork carriage ISO 2232 (class from) A/B b4 912 mm 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 4.32 A sils width for 1000 x 1200 pallet lengthways Ast 2728 mm 4.33 A sils width for 800 x 1200 pallet lengthways Ast 2689 mm 4.34 A lise width for 800 x 1200 pallet lengthways Ma 1668 mm 4.35 Tuming radius Wa 1668 mm 4.7 Height of overhead guard (cabin) Wa 1668 mm 5.1 Travel speed (laden / unladen) 14.30 km/h / 14.50 km/h 5.2 Liffing speed (laden / unladen) 9.049 m/s / 0.30 m/s 5.3 Reach speed (with load / without load) 9.020 m/s / 0.20 m/s 5.7 Reading speed (laden / unladen)	4.19	Overall length	l1	2379 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 ams/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 isle width for 1000 x 1200 pallet lengthways Ast 2689 mm 4.34 A isle width for 800 x 1200 pallet lengthways Ast 2728 mm 4.35 Tuming radius Wa 1668 mm 4.7 Height of overhead guard (cabin) Wa 1668 mm 4.7 Height of overhead guard (cabin) b6 2205 mm 5.1 Taxel speed (laden / unladen) 14.30 km/h / 14.50 km/h 5.1 Lifting speed (laden / unladen) 0.49 m/s / 0.80 m/s 5.4 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.1 Reach speed (with load / without load) 5 5.6 lelectric 6.1 Diview notor rating \$2.50 min 5 7.20 k	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 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 4.47 Height of owhead guard (cabin) h6 2205 mm 5.1 Tavel speed (laden / unladen) 14.30 km/h / 14.50 km/h 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.49 m/s / 0.49 m/s 5.3 Lowering speed (laden / unladen) 0.09 m/s / 0.20 m/s 5.1 Reach speed (with load / without load) 0.20 m/s / 0.20 m/s 5.7 Gradeability (laden / unladen) 9.50 % / 11.10 % 5.7 Gradeability (laden / unladen) 9.50 % / 11.10 % 6.1 Drive motor rating \$2.60 min 7.20 kW 6.2 Lift motor rating at \$3.	4.21	Overall width	b1	1270 mm
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 2728 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Mat 1668 mm 4.35 Tuming radius Wa 1668 mm 4.7 Height of overhead guard (cabin) h6 2205 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 (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 5.5 Gradeability (laden / unladen) 8.50 % / 11.10 % 5.10 Service brake Electric 6.1 Drive motor rating \$2.60 min 15 kW 6.1 Drive motor rating \$2.60 min 15 kW 6.2 Lift motor rating \$2.60 min 15 kW 6.3 Battery voltage / capacity 48 V / 465 Ah	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 Alsle width for 1000 x 1200 pallet lengthways 2689 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2728 mm 4.35 Tuming ardius Wa 1668 mm 4.7 Height of overhead guard (cabin) h6 2205 mm 5.1 Travel speed (laden / unladen) 0.49 m/s / 0.48 m/s 0.49 m/s / 0.80 m/s 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.48 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 5.4 Reach 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 5.7 Gradeability (laden / unladen) 0.20 m/s / 0.20 m/s 0.20 m/s / 0.20 m/s 5.1 Engine 1.5 kW 0.20 m/s / 0.20 m/s 0.20 m/s / 0.20 m/s 6.1 Drive motor rating 92.60 min 7.20 kW 0.20 m/s / 0.20 m/s 0.20 m/s / 0.20 m/s 0.20	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 2689 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2728 mm 4.35 Tuming radius Wa 1668 mm 4.7 Height of overhead guard (cabin) h6 2205 mm 5.1 Tavel speed (laden / unladen) 0.49 m/s / 0.80 m/s 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) 0.20 m/s / 0.20 m/s 0.49 m/s / 0.48 m/s 5.4 Reach 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 5.1 Bergine Electric 6.2 Engine 15 kW 6.3 Dive motor rating \$2.60 min 5.72.0 kW 6.4 Battery according to DIN 43531/35/36 A, B, C 15 kW 6.3 Battery according to DIN 43531/35/36 A, B, C 18 V / 465 Ah 6.5 Battery weight (+/-5%) 73 kg	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 4.7 Height of ownead guard (cabin) b.6 2205 mm Perfomances 5.1 Travel speed (laden / unladen) 0.49 m/s / 0.80 m/s 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) 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 6.1 Drive motor rating \$2.50 min 7.20 kW 6.2 Lift motor rating \$2.50 min 7.20 kW 6.3 Battery according to DIN 43531/53/36 A, B, C 5.5 kW 6.4 Battery weight (+/- 5%) 48 V / 465 Ah 6.4 Battery weight (+/- 5%) 48 V / 465 Ah 6.8 Miscellaneous 1 <td>4.25.1</td> <td>Width over forks min. / max.</td> <td>b5</td> <td>316 mm / 697 mm</td>	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 4.7 Height of overhead guard (cabin) h6 2205 mm Performances Travel speed (laden / unladen) 1 14.30 km/h / 14.50 km/h 5.1 Travel speed (laden / unladen) 0.49 m/s / 0.80 m/s 5.2 Lifting speed (laden / unladen) 0.49 m/s / 0.80 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 \$2.60 min 7.20 kW 6.3 Battery according to DIN 43531/35/36 A, B, C 15 kW 6.3 Battery voltage / capacity 48 V / 465 Ah 6.4 Battery weight (+/-5%) 7.35 kg Miscellaneous Miscellaneous 8.1 Type of drive control 5 6.1 Type of drive control 5	4.32	Ground clearance at centre of wheelbase	m2	70 mm
4.35 Tuming radius Wa 1668 mm 4.7 Height of overhead guard (cabin) h6 2205 mm Enformances 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 / 0.80 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) Electric 5.10 Service brake Electric 6.1 Drive motor rating \$2.60 min 5.72.0 kW 6.2 Lift motor rating \$2.60 min 5.72.0 kW 6.3 Battery according to DIN 43531/35/36 A, B, C 15 kW 6.4 Battery woltage / capacity 48 V / 465 Ah 6.4 Battery weight (+/- 5%) 48 V / 465 Ah 6.5 Battery weight (+/- 5%) 735 kg 6.7 Miscellaneous 1 8.1 Vise of drive control Electronic 8.3 Oil flow rate for attachments 525 l/min	4.33	Aisle width for 1000 x 1200 pallet lengthways		2689 mm
4.7 Height of overhead guard (cabin) h 6 2205 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 Engine Electric 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 Electronic 8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 1/min	4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	2728 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 / 0.48 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	4.35	Turning radius	Wa	1668 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 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	4.7	Height of overhead guard (cabin)	h6	2205 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 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		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
5.10 Service brake Electric Engine Common of pating S2 60 min Common of pating s2 60 min Common of pating s2 60 min Common of pating s2 80 min Common of	5.4.1	Reach speed (with load / without load)		0.20 m/s / 0.20 m/s
Engine Common of Tating 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	<u></u>	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		•		
Miscellaneous8.1Type of drive controlElectronic8.3Oil flow rate for attachments25 l/min				
8.1Type of drive controlElectronic8.3Oil flow rate for attachments25 l/min	6.5			735 kg
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				
	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
α - Mast/fork carriage tilt, forward	٠	3	3	3	3	3	3	3	3
β - Mast/fork carriage tilt, backward	٠	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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