Technical sheet:

## **ER 12**



Manufacture		Technical characteristics		Metric	
1.1	1.1	Manufacturer		Manitou	
1.5   Max. capacity   Q   1200 kg	1.2	Model Name		ER 12	
1.5	1.3	Power source		Electrical	
1.6	1.4	Operator type		Seated	
1.8	1.5	Max. capacity	Q	1200 kg	
1.9   Wheelbase   Wheelbase   Wheelbase   Wheelbase   Wheels   W	1.6	Load center of gravity	С	600 mm	
Neight   Service weight   Service weig	1.8	Load distance, centre of drive axle to fork	х	335 mm	
Service weight   Serv	1.9	Wheelbase	у	1378 mm	
Vincel   V		Weight			
1   1   1   1   1   1   1   1   1   1	2.1	Service weight		2580 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 / sear wheels         1 1 / 2           3.6         Front wheel gauge         b10         0 mm           3.7         Bear wheel gauge         b11         995 mm           Olimeralions           4.8         Sea helph/stand height         h7         1077 mm           4.9         Overall widh         11         243 mm           4.20         Length to face of forks         12         1263 mm           4.21         Overall widh (length         s / e / 1         40m mx 100 mm / 1150 mm           4.22         Fork carriage ISO 2238 (class form) A/B         2A         2A           4.23         Fork carriage ISO 2238 (class form) A/B         2A         2A           4.25         Width over fork s min. / max.         b5         316 mm / 697 mm           4.26         Distance between wheel arms / loading surfaces         b4         900 mm           4.25.1         Width over fork s min. / max.         b5         316 mm / 697 mm           4.26         Distance between wheel arms / loading surfaces         m2         70 mm <td></td> <td>Wheels</td> <td></td> <td></td>		Wheels			
3.3         Number of fond wheels - Size of load wheels         2 x 220 x 85           3.5         Number of front wheel agueg         b10         0 mm           3.6         Front wheel gauge         b10         0 mm           3.7         Bear 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         Fork saccion / width / length         5 / 4         40 mm x 100 mm / 1150 mm           4.23         Fork saccion / width / length         5 / 4         40 mm x 100 mm / 1150 mm           4.24         Fork saccion / width / length         5 / 4         40 mm x 100 mm / 1150 mm           4.25         Tork caraiges (302 328 (class/fmm) / /8         2 / 4         26           4.26         Distance between wheel arms/loading surfaces         b4         900 mm           4.25.1         Width over forks min. / max.         5 / 3 16 mm / 697 mm           4.23         Fork caraiges (302 328 (class/fmm) / 8         2 / 70 mm           4.33         Aisle width for 80	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   511   11   11   11   11   11   11	3.5.2	Number of drive wheels - Size of drive wheels		1 x 355 x 155	
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   511   11   11   11   11   11   11	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	
Rear wheel gauge			b10		
			b11	995 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 section / width / length       s / e / I       40 mm x 100 mm / 1150 mm         4.23       Fork carriage ISQ 2328 (class/form) A/B       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         4.32       Ground clearance at centre of wheelbase       m2       70 mm         4.33       Alsie width for 1000 x 1200 pallet lengthways       Ast       2751 mm         4.34       Alsie width for 8000 x 1200 pallet lengthways       Ast       2251 mm         4.35       Tuming radius       Wa       1598 mm         4.37       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)       0.50 m/s / 0.55 m/s         5.4.1       Reach speed (with load / without load)       0.50 m/s / 0.55 m/s         5.7       Gradeability (laden / unladen)       0.50 m/s / 0.55 m/s <td< td=""><td></td><td></td><td></td><td></td></td<>					
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       b1       1120 mm         4.22       Fork section / width / length       s / e / I       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       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       Alsle width for 1000 x 1200 pallet lengthways       Ast       2751 mm         4.34       Alsle width for 800 x 1200 pallet lengthways       Ast       2751 mm         4.35       Tuming 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)       0.50 m/s / 0.55 m/s         5.1       Tavel speed (laden / unladen)       0.50 m/s / 0.55 m/s         5.1       Gradeability (laden / unladen)       0.50 m/s / 0.50 m/s / 0.55 m/s<	4.8	Seat height/stand height	h7	1077 mm	
4.20         Length to face of forks         I2         1263 mm           4.21         Overall width         b1         1120 mm           4.22         Fork sestion / 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           4.29.2         Ground clearance at centre of wheelbase         m2         70 mm           4.30         Aisle width for 1000 x 1200 pallet lengthways         Ast         2594 mm           4.31         Aisle width for 800 x 1200 pallet lengthways         Ast         2751 mm           4.35         Turning radius         Wa         1598 mm           4.7         Height of overhead guard (cabin)         Ma         1598 mm           4.7         Height of overhead guard (rabin)         Ma         15.30 mm/h / 12.50 km/h           5.1         Tawel speed (laden / unladen)         13.30 km/h / 12.50 km/h           5.2         Lifting speed (laden / unladen)         0.50 m/s / 0.65 m/s           5.4.1         Reach speed (with for 800 x loconding speed (with out load)         0.50 m/s / 0.20	4.19			2413 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 2328 (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         2254 mm           4.34         Aisle width for 800 x 1200 pallet lengthways         Ast         22751 mm           4.35         Tuming radius         Wa         1598 mm           4.7         Height of overhead guard (cabin)         Ma         1598 mm           4.7         Travel speed (laden / unladen)         12.30 km/h / 12.50 km/h           5.2         Liffing speed (laden / unladen)         9.50 m/s / 0.55 m/s           5.3         Lowering speed (laden / unladen)         9.50 m/s / 0.50 m/s           5.4         Reach speed (with load / without load)         9.50 m/s / 0.20 m/s           5.7         Gradeability (laden / unladen)         7.50 k / 11.10 k           5.0	4.20		12	1263 mm	
4.22         Forks section / width / length         s / e/         40 mm x 100 mm / 1150 mm           4.23         Fork carriage ISO 238E (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         2694 mm           4.34         Aisle width for 800 x 1200 pallet lengthways         Ast         2751 mm           4.35         Turning radius         Wa         1598 mm           4.7         Height of overhead guard (cabin)         h6         2205 mm           4.7         Height of overhead guard (aben / unladen)         12.30 km/h / 12.50 km/h           5.2         Lifting speed (laden / unladen)         0.50 m/s / 0.55 m/s           5.3         Lowering speed (laden / unladen)         0.50 m/s / 0.55 m/s           5.4.1         Reach speed (with load / without load)         0.50 m/s / 0.50 m/s           5.7         Service brake         Electric           6.1         Drive motor rating \$2.50 min         11 kW           6.2         Liff motor ra				1120 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         2694 mm           4.34         Aisle width for 800 x 1200 pallet lengthways         Ast         2751 mm           4.35         Tuming radius         Ma         1598 mm           4.37         Height of overhead guard (cabin)         M6         2205 mm           Performances           5.1         Travel speed (laden / unladen)         12.30 km/h / 12.50 km/h           5.2         Lifting speed (laden / unladen)         0.58 m/s / 0.55 m/s           5.3         Lowering speed (laden / unladen)         0.58 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         Senrice brake         Electric           6.1         Drive motor rating 32 50 min         5.90 kW           6.2		Forks section / width / length	s / e / l	40 mm x 100 mm / 1150 mm	
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         2694 mm           4.34         Aisle width for 800 x 1200 pallet lengthways         Ast         2751 mm           4.35         Tuming radius         Wa         1598 mm           4.7         Helpitt of overhead guard (cabin)         h6         2205 mm           Forformances         Travel speed (laden / unladen)         12.30 km/h / 12.50 km/h           5.2         Lifting speed (laden / unladen)         0.50 m/s / 0.65 m/s           5.3         Lowering speed (laden / unladen)         0.50 m/s / 0.20 m/s           5.4.1         Reach speed (with load / without load)         0.50 m/s / 0.20 m/s           5.7         Gradeability (laden / unladen)         7.50 % / 11.10 %           5.10         Service brake         Electric           Engline         5.90 kW           6.1         Dive motor rating S2 60 min         5.90 kW           6.2         Lift motor rating S2 60 min         11 kW           6.3		•		2A	
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       2694 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2751 mm         4.35       Turning radius       Wa       1598 mm         4.7       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)       7.50 % / 11.10 %         5.10       Englie       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%)       730 kg	4.26		b4	900 mm	
4.33       Aisle width for 1000 x 1200 pallet lengthways       Ast       2694 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2751 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)       0.50 m/s / 0.65 m/s         5.3       Lowering speed (with load / without load)       0.58 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 k / 11.10 k         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 \$2.50 min       5.90 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       11 kW         6.4       Battery weight (+/- 5%)       7.30 kg         Miscellaneous         8.1       Type of drive control       Electronic		-	b5	316 mm / 697 mm	
4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2751 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)       0.50 m/s / 0.65 m/s         5.3       Lowering speed (with load / without load)       0.58 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 weight (+/- 5%)       730 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	
4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2751 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)       0.50 m/s / 0.55 m/s         5.3       Lowering speed (with load / without load)       0.58 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 weight (+/- 5%)       730 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		2694 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)       0.50 m/s / 0.65 m/s         5.3       Lowering speed (laden / unladen)       0.58 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/310 Ah         6.5       Battery weight (+/- 5%)       730 kg         Miscellaneous         8.1       Type of drive control       Electronic         8.3       Oil flow rate for attachments       25 l/min	4.34		Ast	2751 mm	
Performances         5.1       Travel speed (laden / unladen)       12.30 km/h / 12.50 km/h         5.2       Lifting speed (laden / unladen)       0.50 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       Dive 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/ 310 Ah         6.5       Battery weight (+/- 5%)       730 kg         Miscellaneous       Electronic         8.1       Type of drive control       Electronic         8.3       Oil flow rate for attachments       25 l/min	4.35		Wa	1598 mm	
Performances         5.1       Travel speed (laden / unladen)       12.30 km/h / 12.50 km/h         5.2       Lifting speed (laden / unladen)       0.50 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       Dive 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/ 310 Ah         6.5       Battery weight (+/- 5%)       730 kg         Miscellaneous       Electronic         8.1       Type of drive control       Electronic         8.3       Oil flow rate for attachments       25 l/min		-		2205 mm	
5.1       Travel speed (laden / unladen)       12.30 km/h / 12.50 km/h         5.2       Lifting speed (laden / unladen)       0.50 m/s / 0.65 m/s         5.3       Lowering speed (laden / unladen)       0.58 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 / 310 Ah         6.5       Battery weight (+/- 5%)       730 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)       0.50 m/s / 0.65 m/s         5.3       Lowering speed (laden / unladen)       0.58 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         Englne         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 / 310 Ah         6.5       Battery weight (+/- 5%)       730 kg         Miscellaneous         8.1       Type of drive control       Electronic         8.3       Oil flow rate for attachments       25 l/min	5.1			12.30 km/h / 12.50 km/h	
5.3       Lowering speed (laden / unladen)       0.58 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 / 310 Ah         6.5       Battery weight (+/- 5%)       730 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         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 / 310 Ah         6.5       Battery weight (+/- 5%)       730 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 %         5.10       Service brake       Electric         6.1       Drive motor rating S2 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 / 310 Ah         6.5       Battery weight (+/- 5%)       730 kg         Miscellaneous       Electronic         8.1       Type of drive control       Electronic         8.3       Oil flow rate for attachments       25 l/min		,			
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 / 310 Ah           6.5         Battery weight (+/- 5%)         730 kg           Miscellaneous           8.1         Type of drive control         Electronic           8.3         Oil flow rate for attachments         25 l/min					
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 / 310 Ah           6.5         Battery weight (+/- 5%)         730 kg           Miscellaneous         Electronic           8.1         Type of drive control         Electronic           8.3         Oil flow rate for attachments         25 l/min		* '			
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 / 310 Ah         6.5       Battery weight (+/- 5%)       730 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 \$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 / 310 Ah 6.5 Battery weight (+/- 5%) 730 kg  Miscellaneous  8.1 Type of drive control Electronic 8.3 Oil flow rate for attachments 25 l/min	6.1	-		5.90 kW	
6.3       Battery according to DIN 43531/35/36 A, B, C       DIN43531 B         6.4       Battery voltage / capacity       48 V / 310 Ah         6.5       Battery weight (+/- 5%)       730 kg         Miscellaneous         8.1       Type of drive control       Electronic         8.3       Oil flow rate for attachments       25 l/min					
6.4 Battery voltage / capacity		-			
6.5       Battery weight (+/- 5%)       730 kg         Miscellaneous         8.1       Type of drive control       Electronic         8.3       Oil flow rate for attachments       25 l/min					
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	0.0			, 30 kg	
8.3 Oil flow rate for attachments 25 l/min	8 1			Flectronic	
		•			
	8.4	Sound level at the driver's ear according to DIN 12 053		57.40 dB	

## ER 12 - Dimensional drawing



## Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 48	FLT 54	FLT 57	FLT 63	FLT 68
α - Mast/fork carriage tilt, forward °		3	3	3	3	3
β - Mast/fork carriage tilt, backward		1	1	1	1	1
h1 - Mast lowered height	mm	2140	2340	2440	2640	2790
h2 - Mast free lift	mm	1600	1800	1900	2100	2250
h3 - Mast lifting height	mm	4800	5400	5700	6300	6800
h4 - Mast extended height	mm	5380	5980	6280	6880	7330
Residual capacity with integrated side shift at max heigth	kg	1200	1200	1200	1000	700





## **Head Office**

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