Technical sheet:

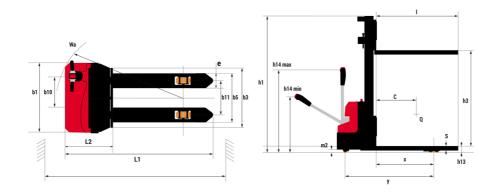
## ES 112 EASY





Technoid characteristics			ESTIZEASI 0	reated on August 2, 2020 at 1.21 Aivi
1.2   Model Name   Estitz Fasy		Technical characteristics		Metric
1.4   Opentor type	1.1	Manufacturer		MANITOU
1.5   Max. capacity	1.2	Model Name		ES 112 Easy
1.5         Max capacity         Q         1200 kg           1.6         Load center of gravity         c         600 mm           1.9         Wheelbase         y         1199 mm           2.1         Service weight         610 kg         451 kg           2.1         Service weight front axie (ludarly)         645 kg / 1165 kg           2.3         Weight no finat axie (ludarly) / rear axie (ludarly)         645 kg / 1165 kg           3.1         Tites fipe         448 kg / 102 kg           3.1         Tites fipe         Polyurethane           3.3         Number of load wheels / Size of load wheels         Polyurethane           3.4         Number of stabilizer wheels / Size of five stabilizer wheels         1 180 kg 4           3.5         Number of front wheels / Fizer wheels         2 12 4           3.5         Number of front wheels / Size of five wheels         1 10 656 km           3.6         Front wheel gauge         b10         566 km           4.15         For the height in low position         h13         85 km           4.15         For the height in low position         11         1700 mm           4.20         Logal length         1         600 km           4.21         For theight in low position	1.3	Power source		Electrical - Lithium
1.6         Load content of granty         c         600 mm           1.8         Distance from Load backrest to center of rear axie         x         798 mm           1.9         Wheelbase         y         1198 mm           2.1         Service weight         6519 kg         6545 kg / 1165 kg           2.2         Weight on front axie (Unladen) / rear axie (unladen)         468 kg / 152 kg         48 kg / 162 kg           3.1         Times type         Polyuethame         70 kg         70 kg         47 k80x64           3.1         Times type         71 k80x k64         18 kg / 180x k64	1.4	Operator type		Pedestrian
1.5   Service weight   Wheelbase   Y   1198 mm	1.5	Max. capacity	Q	1200 kg
1.9   Neelbase   Y   1198 mm	1.6	Load center of gravity	c	600 mm
	1.8	Distance from Load backrest to center of rear axle	х	798 mm
Service weight on front axile (laden) / rear axile (laden)	1.9	Wheelbase	у	1198 mm
2.2         Weight on front axie (ludiaden) / rear axie (ludiaden)         645 kg / 1165 kg           2.3         Weight on front axie (ludiaden) / rear axie (ludiaden)         448 kg / 162 kg           Wheels         1           3.1         Tires tpe         Polywerbane           3.2         Number of load wheels / Size of load wheels         1 / 80x 64           3.4         Number of front wheels / size of dive stabilizer wheels         2 / 4           3.5         Number of front wheels / size of dive wheels         2 / 4           3.6         Front wheel gauge         b10         566 mm           3.7         Rear wheel gauge         b11         396 mm           4.15         Fok height in low position         h13         85 mm           4.19         Overall length         11         1700 mm           4.19         Overall width         b1         80 mm           4.20         Longitio face of forks         12         500 mm           4.21         Overall width         b1         80 mm           4.22         Fork section / width / length         5 / e / 1         60 mm / 170 mm / 1150 mm           4.23         Fork section / width / length         b2         50 mm           4.24         Fork section / width		Weight		
	2.1	Service weight		610 kg
Mines	2.2	Weight on front axle (laden) / rear axle (laden)		645 kg / 1165 kg
Mines	2.3	Weight on front axle (Unladen) / rear axle (Unladen)		448 kg / 162 kg
Tires type				3 3
3.3         Number of load wheels / Size of fibe stabilizer wheels         1 / 80 x 64           3.4         Number of stabilizer wheels / Size of the stabilizer wheels         2 / 4           3.5         Number of drive wheels / Size of drive wheels         2 / 4           3.5         Number of drive wheels / Size of drive wheels         1 / 210 x 70           3.6         Front wheel gauge         b10         566 mm           4.15         Fork height in low position         b11         396 mm           4.19         Overall length         I1         1700 mm           4.20         Length of ace of forks         12         550 mm           4.21         Overall width / length         s / e / I         60 mm / 170 mm / 1150 mm           4.22         Fork section / width / length         s / e / I         60 mm / 170 mm / 1150 mm           4.22         Fork canage width         s / e / I         60 mm / 170 mm / 1150 mm           4.23         Fork canage width         s / e / I         60 mm / 170 mm / 1150 mm           4.24         Fork section / width / length         s / e / I         60 mm / 170 mm / 1150 mm           4.25         Fork section / width / length         s / e / I         60 mm / 170 mm / 1150 mm           4.25         Fork section / width / length         s / e / E	3.1			Polyurethane
3.4         Number of stabilizer wheels / Size of the stabilizer wheels         1 / 80 x 64           3.5         Number of front wheels / Size of drive wheels         2 / 4           3.6         Front wheel gauge         b10         566 mm           3.7         Rear wheel gauge         b10         566 mm           4.15         Fork height in low position         h13         85 mm           4.19         Overall length         11         1700 mm           4.20         Length to face of forks         12         560 mm           4.21         Overall width         b1         800 mm           4.22         Fork section / width / length         b1         800 mm           4.21         Overall width         b1         800 mm           4.22         Forks section / width / length         b1         800 mm           4.23         Fork camage width         b1         800 mm           4.24         Fork septed         b5         560 mm           4.25         Fork septed         m1         26 mm           4.24         Fork camage width         m2         36 mm           4.25         Fork septed width         m2         36 mm           4.24         Fore camage width <td< td=""><td></td><td>•</td><td></td><td>·</td></td<>		•		·
3.5.2       Number of front wheels / Size of drive wheels       2 / 4         3.5.2       Number of drive wheels / Size of drive wheels       b10       566 mm         3.6       Fnot wheel gauge       b11       396 mm         Dimensions         4.15       Fork height in low position       h13       85 mm         4.19       Overall length       I1       1700 mm         4.20       Length of face of forks       i2       560 mm         4.21       Overall width       b1       800 mm         4.22       Forks section / width / length       s / e / I       60 mm / 170 mm / 1150 mm         4.22       Forks serpted       b5       560 mm         4.23       Fork carriage width       b3       680 mm         4.24       Fork septed       b5       560 mm         4.25       Forks spread       b5       560 mm         4.31       Ground clearance at centre of wheelbase       m1       2 mm         4.32       Ground clearance at centre of wheelbase       m2       2 mm         4.33       Aisle width for 800 x 1200 pallet lengthways       Ast       2226 mm         4.35       Turning radius       Wa       1407 mm         5.2       Liftin				
3.5.2       Number of drive wheels / Size of drive wheels       1/210x70         3.6       Front wheel gauge       b110       566 mm         Dimensions         4.15       Fork height in low position       h13       85 mm         4.19       Overall length       11       1700 mm         4.20       Length to face of forks       12       560 mm         4.21       Overall width       b1       800 mm         4.22       Fork section / width / length       5 / 4       60 mm / 170 mm / 1150 mm         4.24       Fork section / width / length       5 / 6       60 mm / 170 mm / 1150 mm         4.25       Forks spread       b3       680 mm         4.21       Fork sepread       b5       560 mm         4.22       Fork sepread       b5       560 mm         4.31       Ground clearance at centre of wheelbase       m2       2 / 26 mm         4.32       Ground clearance at centre of wheelbase       m2       2 / 26 mm         4.33       Aisle width for gollet 1000 x 1200 crossways       Ast       2226 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2102 mm         5.1       Truning radius       Wa       102 mm <t< td=""><td></td><td></td><td></td><td></td></t<>				
3.6       Front wheel gauge       b10       \$666 mm         3.7       Rear wheel gauge       b11       396 mm         4.15       Fock height in low position       h13       85 mm         4.19       Overall length       11       1700 mm         4.20       Length to face of forks       12       \$60 mm         4.21       Overall width       b1       800 mm         4.22       Fork section / width / length       s / e / l       60 mm / 170 mm / 1150 mm         4.24       Fock carriage width       b3       660 mm         4.25       Fork septed       b3       660 mm         4.21       Ground clearance below mast       m1       26 mm         4.31       Ground clearance at centre of wheelbase       m2       26 mm         4.33       Alsie Width for pallets 1000 x 1200 crossways       Ast       226 mm         4.34       Alsie Width for 800 x 1200 pallet lengthways       Ast       226 mm         4.35       Tuming radius       Wa       14.50 km/h / 5 km/h         5.2       Lifting speed (laden / unladen)       Wa       1.01 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       C       6 % / 10 %         5.8       Nax Gradeability (lade				
3.7         Rear wheel gauge         b11         396 mm           Unmensions         C           4.15         Fork height in low position         h13         8.5 mm           4.19         Overall length         11         1700 mm           4.20         Length to face of forks         12         560 mm           4.21         Overall width         b1         800 mm           4.22         Forks section / width / length         b2         60 mm / 170 mm / 150 mm           4.24         Fork carriage width         b3         660 mm           4.25         Forks spread         b5         500 mm           4.31         Ground clearance at centre of wheelbase         m1         26 mm           4.32         Ground clearance at centre of wheelbase         m2         2.6 mm           4.33         Alisle Width for pallets 1000 x 1200 crossways         Ast         2226 mm           4.34         Alisle Width for pallets 1000 x 1200 crossways         Ast         2226 mm           4.35         Travel speed (laden / unladen)         Wa         1402 mm           5.1         Taxel speed (laden / unladen)         0.11 m/s / 0.15 m/s           5.2         Liffiug speed (laden / unladen)         0.12 m/s / 0.12 m/s         0.12 m/s /			b10	
Dimensions				
4.15         Fork height in low position         h13         85 mm           4.19         Overall length         11         1700 mm           4.20         Length to face of forks         12         560 mm           4.21         Overall width         b1         800 mm           4.22         Forks section / width / length         s / e / l         60 mm / 170 mm / 1150 mm           4.24         Fork spread         b3         680 mm           4.25         Forks spread         b5         5560 mm           4.31         Ground clearance below mast         m1         26 mm           4.32         Ground clearance at centre of wheelbase         m2         26 mm           4.33         Aisle width for pallets 1000 x 1200 crossways         Ast         2226 mm           4.34         Aisle width for pallets 1000 x 1200 crossways         Ast         216 mm           4.35         Turning adius         Wa         1402 mm           5.1         Travel speed (laden / unladen)         Wa         1402 mm           5.2         Lifting speed (laden / unladen)         5         6 % / 10 %           5.3         Lowering speed (laden / unladen)         6 % / 10 %         6 % / 10 %           5.0         Engline <t< td=""><td></td><td></td><td></td><td></td></t<>				
4.19       Overall length       11       1700 mm         4.20       Length to face of forks       12       550 mm         4.21       Overall width       b1       800 mm         4.22       Forks section / width / length       \$ / e / l       60 mm / 170 mm / 1150 mm         4.24       Fork carriage width       b3       600 mm         4.25       Forks spread       b5       560 mm         4.31       Ground clearance below mast       m1       26 mm         4.32       Ground clearance at centre of wheelbase       m2       26 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2226 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2226 mm         4.35       Tuning radius       Wa       1402 mm         5.1       Tavel speed (laden / unladen)       Wa       1402 mm         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       0.11 m/s / 0.12 m/s         5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.0       Engine       0.055 kW         6.1       Dive motor rating \$2.50 min       0.65 kW	4.15		h13	85 mm
4.20       Length to face of forks       12       560 mm         4.21       Overall width       51       800 mm         4.22       Forks section / width / length       \$ / e / l       60 mm / 170 mm / 1150 mm         4.24       Fork carriage width       53       680 mm         4.25       Forks spread       55       560 mm         4.31       Ground clearance at centre of wheelbase       m1       26 mm         4.32       Ground clearance at centre of wheelbase       m2       26 mm         4.33       Asile Width for pallets 1000 x 1200 crossways       Ast       2226 mm         4.34       Alsie width for 800 x 1200 pallet lengthways       Ast       2169 mm         4.35       Tuming radius       Wa       1402 mm         5.1       Travel speed (laden / unladen)       Wa       1402 mm         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       0.11 m/s / 0.15 m/s         5.1       Service brake       Electro magnetic         6.1       Pine motor rating \$2.50 min       6 % / 10 %         6.2       Lift motor rating \$2.60 min       2.20 kW         6.3       Battery voltage / capacity       18 kg				
4.21       Overall width       b1       800 mm         4.22       Forks section / width / length       s / e / l       60 mm / 170 mm / 1150 mm         4.24       Fork sacetion / width / length       b3       680 mm         4.25       Forks spread       b5       560 mm         4.31       Ground clearance below mast       m1       26 mm         4.32       Ground clearance at centre of wheelbase       m2       26 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2226 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2169 mm         4.35       Tuming radius       Wa       1402 mm         Performances       Wa       1402 mm         5.1       Travel speed (laden / unladen)       4.50 km/h / 5 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       0.12 m/s / 0.12 m/s         5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.8       Service brake       Electromagnetic         6.1       Drive motor rating at S3 15%       2.20 kW         6.2       Lift motor rating at S3 15%       2.20 kW         6.4		·		
4.22       Forks section / width / length       s / e / l       60 mm / 170 mm / 1150 mm         4.24       Fork carriage width       b3       680 mm         4.25       Forks spread       b5       560 mm         4.31       Ground clearance below mast       m1       26 mm         4.32       Ground clearance at centre of wheelbase       m2       26 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2226 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2169 mm         4.35       Tuming radius       Wa       1402 mm         5.1       Tavel speed (laden / unladen)       Wa       4.50 km/h / 5 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.15 m/s       0.11 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       0.12 m/s / 0.12 m/s       6 % / 10 %         5.8       Max Gradeablitry (laden / unladen)       Electro magnetic         6.5       Engine       0.12 m/s / 0.15 m/s         6.1       Drive motor rating \$2.50 min       0.65 kW         6.2       Lift motor rating \$2.50 min       0.65 kW         6.4       Battery voltage / capacity       2.20 kW         6.5       Battery weight		•		
4.24       Fork carriage width       b3       680 mm         4.25       Forks spread       b5       560 mm         4.31       Ground clearance below mast       m1       26 mm         4.32       Ground clearance at centre of wheelbase       m2       26 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2226 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2169 mm         4.35       Turning radius       Wa       1402 mm         5.1       Travel speed (laden / unladen)       Wa       1402 mm         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       0.11 m/s / 0.12 m/s         5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         6.1       Drive motor rating \$2.60 min       0.65 kW         6.2       Lift motor rating \$2.60 min       0.65 kW         6.2       Lift motor rating at \$3.15%       2.20 kW         6.5       Battery voltage / capacity       0.18 kg         6.5       Battery technology       18 kg				
4.25       Forks spread       b5       560 mm         4.31       Ground clearance below mast       m1       26 mm         4.32       Ground clearance at centre of wheelbase       m2       26 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2226 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2169 mm         4.35       Tuming radius       Wa       1402 mm         Perforances         5.1       Travel speed (laden / unladen)       4.50 km/h / 5 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       0.12 m/s / 0.12 m/s         5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         Engine         6.1       Drive motor rating \$2.60 min       0.65 kW         6.2       Lift motor rating \$2.60 min       0.65 kW         6.2       Lift motor rating \$2.60 min       2.20 kW         6.2       Battery voltage / capacity       24 V / 60 Ah         Battery technology       Lifthium-ion         6.5       Battery weight (+/-5%)       18 kg <td></td> <td></td> <td></td> <td></td>				
4.31       Ground clearance below mast       m1       26 mm         4.32       Ground clearance at centre of wheelbase       m2       26 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2226 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2169 mm         4.35       Tuming radius       Wa       1402 mm         Performances         5.1       Travel speed (laden / unladen)       4.50 km/h / 5 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       0.12 m/s / 0.12 m/s         5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         Engine         6.1       Dive motor rating \$2.60 min       0.65 kW         6.2       Lift motor rating at \$3.15%       2.20 kW         6.4       Battery voltage / capacity       2.4 V / 60 Ah         Battery technology       18 kg         6.5       Battery weight (+/- 5%)       18 kg				
4.32       Ground clearance at centre of wheelbase       m2       26 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2226 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2169 mm         4.35       Tuming radius       Wa       1402 mm         Performances         5.1       Travel speed (laden / unladen)       4.50 km/h / 5 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       0.12 m/s / 0.12 m/s         5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         Engine         6.1       Drive motor rating \$2 60 min       0.65 kW         6.2       Lift motor rating at \$3 15%       2.20 kW         6.4       Battery voltage / capacity       24 V / 60 Ah         Battery technology       Lithium-ion         6.5       Battery weight (+/- 5%)       18 kg         Miscellaneous       Miscellaneous       18 kg		•		
4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2226 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2169 mm         4.35       Tuming radius       Wa       1402 mm         Performances         5.1       Travel speed (laden / unladen)       4.50 km/h / 5 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       0.12 m/s / 0.12 m/s         5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         Engine         6.1       Drive motor rating \$2 60 min       0.65 kW         6.2       Lift motor rating at \$3 15%       2.20 kW         6.4       Battery voltage / capacity       2.20 kW         6.4       Battery voltage / capacity       24 V / 60 Ah         Battery weight (+/- 5%)       18 kg         Miscellaneous       18 kg				
4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2169 mm         4.35       Tuming radius       Wa       1402 mm         5.1       Perfomances       Secondary (laden / unladen)       4.50 km/h / 5 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       0.12 m/s / 0.12 m/s         5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         6.1       Drive motor rating \$2.60 min       5.065 kW         6.2       Lift motor rating at \$3.15%       2.20 kW         6.4       Battery voltage / capacity       24 V / 60 Ah         Battery technology       Lithium-ion         6.5       Battery weight (+/- 5%)       18 kg         Miscellaneous       Miscellaneous       5.18 kg				
4.35       Tuming radius       Wa       1402 mm         Perfomances         5.1       Travel speed (laden / unladen)       4.50 km/h / 5 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       0.12 m/s / 0.12 m/s         5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         6.1       Drive motor rating \$2 60 min       0.65 kW         6.2       Lift motor rating at \$3 15%       2.20 kW         6.4       Battery voltage / capacity       24 V / 60 Ah         Battery technology       Lithium-ion         6.5       Battery weight (+/- 5%)       18 kg         Miscellaneous       18 kg		·		
Performances         Commander           5.1         Travel speed (laden / unladen)         4.50 km/h / 5 km/h           5.2         Lifting speed (laden / unladen)         0.11 m/s / 0.15 m/s           5.3         Lowering speed (laden / unladen)         0.12 m/s / 0.12 m/s           5.8         Max Gradeability (laden / unladen)         6 % / 10 %           5.10         Service brake         Electro magnetic           6.1         Drive motor rating \$2 60 min         0.65 kW           6.2         Lift motor rating at \$3 15%         2.20 kW           6.4         Battery voltage / capacity         24 V / 60 Ah           Battery technology         Lithium-ion           6.5         Battery weight (+/- 5%)         18 kg           Miscellaneous         18 kg				
5.1       Travel speed (laden / unladen)       4.50 km/h / 5 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       0.12 m/s / 0.12 m/s         5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         6.1       Drive motor rating S2 60 min       0.65 kW         6.2       Lift motor rating at S3 15%       2.20 kW         6.4       Battery voltage / capacity       24 V / 60 Ah         Battery technology       Lithium-ion         6.5       Battery weight (+/- 5%)       18 kg         Miscellaneous       Miscellaneous       18 kg			Wu Wu	1402 11111
5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.15 m/s         5.3       Lowering speed (laden / unladen)       0.12 m/s / 0.12 m/s         5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         Engine         6.1       Drive motor rating S2 60 min       0.65 kW         6.2       Lift motor rating at S3 15%       2.20 kW         6.4       Battery voltage / capacity       24 V / 60 Ah         Battery technology       Lithium-ion         6.5       Battery weight (+/- 5%)       18 kg         Miscellaneous       Miscellaneous	5.1			4 50 km/h / 5 km/h
5.3       Lowering speed (laden / unladen)       0.12 m/s / 0.12 m/s         5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         Engine         6.1       Drive motor rating \$2 60 min       0.65 kW         6.2       Lift motor rating at \$3 15%       2.20 kW         6.4       Battery voltage / capacity       24 V / 60 Ah         Battery technology       Lithium-ion         6.5       Battery weight (+/- 5%)       18 kg         Miscellaneous       Miscellaneous				
5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         6.1       Drive motor rating S2 60 min       0.65 kW         6.2       Lift motor rating at S3 15%       2.20 kW         6.4       Battery voltage / capacity       24 V / 60 Ah         Battery technology       Lithium-ion         6.5       Battery weight (+/- 5%)       18 kg         Miscellaneous       Miscellaneous		- '		
Engine       Electro magnetic         6.1       Drive motor rating \$2.60 min       0.65 kW         6.2       Lift motor rating at \$3.15%       2.20 kW         6.4       Battery voltage / capacity       24 V / 60 Ah         Battery technology       Lithium-ion         6.5       Battery weight (+/-5%)       18 kg         Miscellaneous       Miscellaneous				
Engine         Engine           6.1         Drive motor rating S2 60 min         0.65 kW           6.2         Lift motor rating at S3 15%         2.20 kW           6.4         Battery voltage / capacity         24 V / 60 Ah           Battery technology         Lithium-ion           6.5         Battery weight (+/- 5%)         18 kg           Miscellaneous         Wiscellaneous				
6.1       Drive motor rating \$2.60 min       0.65 kW         6.2       Lift motor rating at \$3.15%       2.20 kW         6.4       Battery voltage / capacity       24 V / 60 Ah         Battery technology       Lithium-ion         6.5       Battery weight (+/- 5%)       18 kg         Miscellaneous       Wiscellaneous	5.10			Electio magnetic
6.2       Lift motor rating at S3 15%       2.20 kW         6.4       Battery voltage / capacity       24 V / 60 Ah         Battery technology       Lithium-ion         6.5       Battery weight (+/- 5%)       18 kg         Miscellaneous       Image: Company of the property of the proper	6.1	•		0.65 kW
6.4 Battery voltage / capacity 24 V / 60 Ah Battery technology Lithium-ion 6.5 Battery weight (+/- 5%) 18 kg Miscellaneous				
Battery technology  6.5 Battery weight (+/- 5%)  Miscellaneous  Lithium-ion  18 kg				
6.5 Battery weight (+/- 5%)  Miscellaneous  18 kg	0.4			
Miscellaneous	6.5			
	0.5			10 kg
8.1 Type of drive control	8.1	Type of drive control		DC
8.4 Sound level at the driver's ear according to DIN 12 053		,,		

## ES 112 Easy - Dimensional drawing



## Characteristics of masts and residual capacities

Central Cylinder Duplex (CCD)		CCD 27	CCD 36
h1 - Mast lowered height	mm	1924	2458
h3 - Mast lifting height	mm		3600
h4 - Mast extended height	mm	3274	4258
Residual capacity at max height	kg	1000	600
Height at max capacity	mm	2500	2500

Central Cylinder Simplex (CCS)		CCS 11	CCS 15
h1 - Mast lowered height	mm	1716	1992
h2 - Mast free lift	mm	1100	1475
h3 - Mast lifting height	mm	1100	1500
h4 - Mast extended height	mm	1716	2015
Residual capacity at max height	kg	1200	1200
Height at max capacity	mm	1100	1500





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