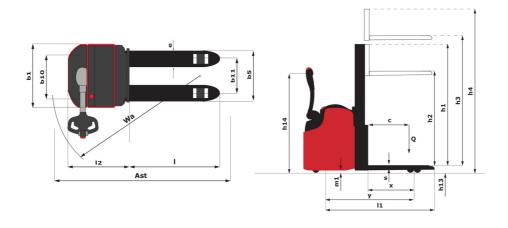
Technical sheet:

## ES 820 LI



Technical characteristics			ES 820 LI UT	ES 820 LI Created on May 2, 2024 at 2:25:18 PM UTC		
1.3   Model Name		Technical characteristics		Metric		
1.1	1.1	Manufacturer		Manitou		
1.5	1.2	Model Name		ES 820 LI		
1.51   Max. capacily   Mominal capacity on wapower forks   Q   2000 kg     1.61   Load center of gravity   C   G   G   G     1.8	1.3	Power source		Electrical		
1.5	1.4	Operator type		Pedestrian		
1.5	1.5	• •	Q	2000 kg		
1.6		• •		-		
1.9   Wheelbase   y   1467 mm						
		- ,				
Neight   Service weight   1800 kg   1800 kg			v			
2.1   Service weight   1500 kg   1			, and the second second			
Weight on front axie (laden) / rear axie (unaden)	2 1	•		1800 kg		
Weight on front axie (Unladen) / rear axie (Unladen)   Tires type						
Wheels		- , , , ,				
Tires type	2.3			1250 kg / 550 kg		
3.3         Number of load wheels / Size of load wheels         2 / 82x68           3.4         Number of asbit wheels         1           3.5         Number of front wheels / Size of the stabilizer wheels         1 / 2           3.5.2         Number of front wheels / Size of drive wheels         1 / 2           3.5.2         Number of drive wheels / Size of drive wheels         1 / 2           3.5         Front wheel gauge         b10         664 mm           3.7         Rear wheel gauge         b11         375 mm           4.15         Fork height in low position         h13         85 mm           4.19         Overall length         1 / 2         700 mm           4.20         Length to face of forks         12         700 mm           4.21         Overall width         5 / 2         700 mm           4.22         Forks section / width / length         5 / 2         700 mm           4.21         Overall width         5         7 / 0 mm / 200 mm / 1150 mm           4.22         Forks section / width / length         3         7 / 0 mm           4.23         Gound clearance below mast         m1         20 mm           4.23         Alsie Width for pallets 1000 x 1200 crossways         Ast         2660 mm	0.1			Dandana		
3.4         Number of castor wheels         2 / 120x50           3.5         Number of forth wheels / rear wheels         1 / 2           3.5.2         Number of drive wheels / Size of drive wheels         1 / 2           3.5.2         Number of drive wheels / Size of drive wheels         1 / 254x100           3.6         Front wheel gauge         b10         664 mm           3.7         Rear wheel gauge         b11         375 mm           Uniformations           4.15         Fork height in low position         h13         85 mm           4.19         Overall length         11         2123 mm           4.20         Length of ace of forks         12         700 mm           4.21         Overall width         s / e / l         70 mm / 200 mm           4.22         Fork section / width / length         s / e / l         70 mm / 200 mm / 1150 mm           4.24         Fork cariage width         s / e / l         70 mm / 200 mm / 1150 mm           4.24         Fork cariage width         s / e / l         70 mm / 200 mm / 1150 mm           4.24         Fork cariage width         s / e / l         20 mm           4.33         Ground clearance at centre of wheelbase         m2         21 mm           4.35		**		•		
3.4         Number of stabilizer wheels / Size of the stabilizer wheels         2 / 120x50           3.5         Number of front wheels / Size of dive wheels         1 / 2           3.6         Front wheel gauge         b10         664 mm           3.7         Rear wheel gauge         b11         375 mm           Unimensions           4.15         Fork height in low position         h13         85 mm           4.19         Owerall length         l1         2123 mm           4.20         Length for face of forks         l2         700 mm           4.21         Overall width         b1         890 mm           4.22         Fork castinge width         b1         890 mm           4.24         Fork carriage width         b3         700 mm           4.31         Ground clearance below mast         m1         20 mm           4.32         Ground clearance at center of wheelbase         m2         21 mm           4.33         Askel width for pallets 1000 x 1200 crossways         m6         Ast         260 mm           4.35         Tuming radius         Wa         1719 mm         1719 mm           5.1         Travel speed (laden / uninden)         6 km/h / 6 km/h         6 km/h / 6 km/h      <						
3.5         Number of front wheels / Izer of drive wheels         1 / 2           3.5.2         Number of drive wheels / Size of drive wheels         1 / 25 x (100 mm)           3.6         Front wheel gauge         bil 0         66 4mm           3.7         Rear wheel gauge         bil 1         375 mm           Dimensions           4.15         Fok height in low position         hil 3         85 mm           4.19         Overall length         ii 1         212 mm           4.20         Length foace of forks         ii 2         700 mm           4.21         Overall width         bil 800 mm         80 mm           4.22         Foks section / width / length         s / e / I         70 mm / 200 mm / 1150 mm           4.24         Fok carriage width         bil 3         700 mm           4.24         Fok carriage width         bil 3         700 mm           4.31         Ground clearance at center of wheelbase         m2         2 il mm           4.32         Ground clearance at center of wheelbase         m2         2 il mm           4.33         Alse Width for pallets 1000 x 1200 crossways         Ast         2660 mm           4.35         Taming radius         Wa         1719 mm <td< td=""><td></td><td></td><td></td><td></td></td<>						
3.5.2       Number of drive wheels / Size of drive wheels       1/254x100         3.6       Front wheel gauge       b10       664 mm         3.7       Rear wheel gauge       b11       375 mm         Dimensions         4.15       Fork height in low position       h13       85 mm         4.19       Overall length       11       212 mm         4.20       Length to face of forks       12       700 mm         4.21       Overall width       b1       890 mm         4.22       Fork section / width / length       5 / e1       70 mm / 200 mm / 1150 mm         4.24       Fork carriage width       b3       700 mm         4.24       Fork carriage width       b3       700 mm         4.31       Ground clearance below mast       m1       20 mm         4.32       Ground clearance at centre of wheelbase       Ast       2660 mm         4.33       Asile Width for pallets 1000 x 1200 crossways       Ast       2660 mm         4.39       Height tiller min. / max.       Wa       1719 mm         4.9       Height tiller min. / max.       Performances       0         5.1       Tavel speed (laden / unladen)       6 km/h 6 km/h         5.2       Lif						
3.6         Front wheel gauge         b10         664 mm           3.7         Rear wheel gauge         b11         375 mm           Dimensions         h13         85 mm           4.15         Fork height in low position         h13         85 mm           4.19         Overall length         I1         2122 mm           4.20         Length to face of forks         I2         700 mm           4.21         Overall width         b1         890 mm           4.22         Fork section / width / length         5 / e / l         700 mm           4.24         Fork carriage width         b3         700 mm           4.24         Fork carriage width         b3         700 mm           4.24         Fork carriage width         b3         700 mm           4.31         Ground clearance at centre of wheelbase         m2         21 mm           4.32         Ground clearance at centre of wheelbase         m2         21 mm           4.35         Turning radius         Wa         1719 mm           4.36         Width for pallets 1000 x 1200 crossways         Ast         2600 mm           5.1         Travel speed (laden / unladen)         Wa         11719 mm						
Sear wheel gauge						
Dimensions						
4.15         Fork height in low position         h13         85 mm           4.19         Overall length         i1         2123 mm           4.20         Length to face of forks         i2         700 mm           4.21         Overall width         b1         890 mm           4.22         Fork section / width / length         s / e / l         70 mm / 200 mm / 1150 mm           4.24         Fork carriage width         b3         700 mm           4.31         Ground clearance below mast         m1         20 mm           4.32         Ground clearance at centre of wheelbase         m2         21 mm           4.33         Aisle Width for pallets 1000 x 1200 crossways         Ast         2660 mm           4.35         Tuming radius         Wa         1719 mm           4.9         Height tiller min. / max.         h14 / h14         975 mm / 1375 mm           4.9         Performances              5.1         Travel speed (laden / unladen)         6 km/h / 6 km/h	3.7		b11	375 mm		
4.19       Overall length to face of forks       12       700 mm         4.20       Length to face of forks       12       700 mm         4.21       Overall width       b1       890 mm         4.22       Forks section / width / length       s / e / l       700 mm / 200 mm / 1150 mm         4.24       Fork cariage width       b3       700 mm         4.31       Ground clearance below mast       m1       20 mm         4.32       Ground clearance at centre of wheelbase       m2       21 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2660 mm         4.35       Tuming radius       Wa       1719 mm         4.9       Height tiller min. / max.       h14 / h14       975 mm / 1375 mm         4.9       Performances       6 km/h / 6 km/h       6 km/h / 6 km/h         5.1       Travel speed (laden / unladen)       0.11 m/s / 0.20 m/s       0.21 m/s         5.2       Lifting speed (laden / unladen)       0.22 m/s / 0.21 m/s       0.22 m/s / 0.21 m/s         5.3       Max Gradeability (laden / unladen)       0.22 m/s / 0.24 m/s       0.24 m/s / 0.3         5.10       Service brake       Electromagnetic       Electromagnetic         6.2       Lift motor rating s 2 60 min </td <td></td> <td></td> <td></td> <td></td>						
4.20       Length to face of forks       12       700 mm         4.21       Overall width       b1       890 mm         4.22       Fork section / width / length       s / e / l       70 mm / 200 mm / 1150 mm         4.24       Fork carriage width       b3       700 mm         4.31       Ground clearance below mast       m1       20 mm         4.32       Ground clearance at centre of wheelbase       m2       21 mm         4.33       Alsle Width for pallets 1000 x 1200 crossways       Ast       2660 mm         4.35       Tuming radius       Wa       1719 mm         4.9       Height tiller min. / max.       h14 / h14       975 mm / 1375 mm         Performances         5.1       Tavel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.20 m/s         5.3       Lowering speed (laden / unladen)       0.22 m/s / 0.21 m/s         5.8       Max Gradeabilly (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         Engline         6.1       Drive motor rating \$2.60 min       2 kW         6.2       Lift motor rating \$2.50 min       2 kW         6						
4.21       Overall width       b1       890 mm         4.22       Forks section / width / length       s / e / l       70 mm / 200 mm / 1150 mm         4.24       Fork carriage width       b3       700 mm         4.31       Ground clearance below mast       m1       20 mm         4.32       Ground clearance at centre of wheelbase       m2       2 1 mm         4.33       Asise Width for pallets 1000 x 1200 crossways       Ast       2660 mm         4.35       Tuming radius       Wa       1719 mm         4.9       Height tiller min. / max.       h14 / h14       975 mm / 1375 mm         5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.20 m/s         5.3       Lowering speed (laden / unladen)       0.22 m/s / 0.21 m/s         5.1       Service brake       Electromagnetic         6.1       Drive motor rating \$2 60 min       2 kW         6.2       Lift motor rating \$2 60 min       2 kW         6.2       Lift motor rating \$2 60 min       7 action         6.4       Battery voltage / capacity       7 action         6.5       Battery voltage / capacity       7 action         6.5       Battery volt		Overall length				
4.22       Forks section / width / length       s / e / l       70 mm / 200 mm / 1150 mm         4.24       Fork carriage width       b3       700 mm         4.31       Ground clearance at center of wheelbase       m2       2 1 mm         4.32       Ground clearance at center of wheelbase       m2       2 1 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2660 mm         4.35       Tuming radius       Wa       1719 mm         4.9       Height tiller min. / max.       h14 / h14       975 mm / 1375 mm         Performances         5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h       0.11 m/s / 0.20 m/s         5.2       Lifting speed (laden / unladen)       0.22 m/s / 0.21 m/s       0.22 m/s / 0.21 m/s         5.3       Lowering speed (laden / unladen)       0.22 m/s / 0.21 m/s       6 % / 10 %         5.8       Max Gradeability (laden / unladen)       6 % / 10 %       Electro magnetic         Engine         6.1       Drive motor rating \$2.50 min       2 kW         6.2       Lift motor rating \$2.50 min       2 kW         6.3       Battery voltage / capacity       7 Traction         6.4       Battery weight (+/- 5%)       275 kg <td></td> <td>Length to face of forks</td> <td></td> <td>700 mm</td>		Length to face of forks		700 mm		
4.24       Fork carriage width       b3       700 mm         4.31       Ground clearance below mast       m1       20 mm         4.32       Ground clearance at centre of wheelbase       m2       21 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2660 mm         4.35       Tuming radius       Wa       1719 mm         4.9       Height tiller min. / max.       h14 / h14       975 mm / 1375 mm         Performances         5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.20 m/s         5.3       Lowering speed (laden / unladen)       0.22 m/s / 0.21 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       2 kW         6.2       Lift motor rating at \$3.15%       4 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Traction         6.4       Battery weight (+/- 5%)       24 V / 315 Ah         6.5       Battery weight (	4.21	Overall width		890 mm		
4.31       Ground clearance below mast       m1       20 mm         4.32       Ground clearance at centre of wheelbase       m2       21 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2660 mm         4.35       Tuming radius       Wa       1719 mm         4.9       Height tiller min. / max.       h14 / h14       975 mm / 1375 mm         Perfomances         5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.20 m/s         5.3       Lowering speed (laden / unladen)       0.22 m/s / 0.21 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       2 kW         6.2       Lift motor rating at S3 15%       4 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       24 V/ 315 Ah         6.4       Battery weight (+/- 5%)       275 kg         Miscellaneous       Miscellaneous       DC	4.22	Forks section / width / length	s / e / l	70 mm / 200 mm / 1150 mm		
4.32       Ground clearance at centre of wheelbase       m2       21 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2660 mm         4.35       Tuming radius       Wa       1719 mm         4.9       Height tiller min. / max.       h14 / h14       975 mm / 1375 mm         Performances         5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.20 m/s         5.3       Lowering speed (laden / unladen)       0.22 m/s / 0.21 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       2 kW         6.2       Lift motor rating at \$3 15%       4 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Traction         6.4       Battery voltage / capacity       24 V / 315 Ah         6.5       Battery weight (+/- 5%)       275 kg         Miscellaneous         8.1       Type of drive control       DC	4.24	Fork carriage width	b3	700 mm		
4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2660 mm         4.35       Tuming radius       Wa       1719 mm         4.9       Height tiller min. / max.       h14 / h14       975 mm / 1375 mm         Performances         5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.20 m/s         5.3       Lowering speed (laden / unladen)       0.22 m/s / 0.21 m/s         5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.1       Service brake       Electro magnetic         Engine         6.1       Drive motor rating \$2 60 min       2 kW         6.2       Lift motor rating at \$3 15%       4 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Traction         6.4       Battery voltage / capacity       24 V / 315 Ah         6.5       Battery weight (+/- 5%)       275 kg         Miscellaneous         8.1       Type of drive control       DC	4.31	Ground clearance below mast	m1	20 mm		
4.35       Tuming radius       Wa       1719 mm         4.9       Height tiller min. / max.       h14 / h14       975 mm / 1375 mm         Perfomances         5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.20 m/s         5.3       Lowering speed (laden / unladen)       0.22 m/s / 0.21 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       2 kW         6.2       Lift motor rating at S3 15%       4 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Traction         6.4       Battery voltage / capacity       24 V / 315 Ah         6.5       Battery weight (+/- 5%)       275 kg         Miscellaneous         8.1       Type of drive control       DC	4.32	Ground clearance at centre of wheelbase	m2	21 mm		
Height tiller min. / max.	4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	2660 mm		
Performances           5.1         Travel speed (laden / unladen)         6 km/h / 6 km/h           5.2         Lifting speed (laden / unladen)         0.11 m/s / 0.20 m/s           5.3         Lowering speed (laden / unladen)         0.22 m/s / 0.21 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         2 kW           6.2         Lift motor rating at S3 15%         4 kW           6.3         Battery according to DIN 43531/35/36 A, B, C         Traction           6.4         Battery voltage / capacity         24 V / 315 Ah           6.5         Battery weight (+/- 5%)         275 kg           Miscellaneous           8.1         Type of drive control         DC	4.35	Turning radius	Wa	1719 mm		
5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.20 m/s         5.3       Lowering speed (laden / unladen)       0.22 m/s / 0.21 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       2 kW         6.2       Lift motor rating at S3 15%       4 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Traction         6.4       Battery voltage / capacity       24 V / 315 Ah         6.5       Battery weight (+/- 5%)       275 kg         Miscellaneous         8.1       Type of drive control       DC	4.9	Height tiller min. / max.	h14 / h14	975 mm / 1375 mm		
5.2       Lifting speed (laden / unladen)       0.11 m/s / 0.20 m/s         5.3       Lowering speed (laden / unladen)       0.22 m/s / 0.21 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       2 kW         6.2       Lift motor rating at S3 15%       4 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Traction         6.4       Battery voltage / capacity       24 V / 315 Ah         6.5       Battery weight (+/- 5%)       275 kg         Miscellaneous         8.1       Type of drive control       DC		Performances				
5.3       Lowering speed (laden / unladen)       0.22 m/s / 0.21 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       2 kW         6.2       Lift motor rating at S3 15%       4 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Traction         6.4       Battery voltage / capacity       24 V / 315 Ah         6.5       Battery weight (+/- 5%)       275 kg         Miscellaneous         8.1       Type of drive control       DC	5.1	Travel speed (laden / unladen)		6 km/h / 6 km/h		
5.8       Max Gradeability (laden / unladen)       6 % / 10 %         5.10       Service brake       Electro magnetic         Engine         6.1       Drive motor rating S2 60 min       2 kW         6.2       Lift motor rating at S3 15%       4 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Traction         6.4       Battery voltage / capacity       24 V / 315 Ah         6.5       Battery weight (+/- 5%)       275 kg         Miscellaneous         8.1       Type of drive control       DC	5.2	Lifting speed (laden / unladen)		0.11 m/s / 0.20 m/s		
Electro magnetic         Engine       Canal Street Service brake         6.1       Drive motor rating S2 60 min       2 kW         6.2       Lift motor rating at \$3 15%       4 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Traction         6.4       Battery voltage / capacity       24 V / 315 Ah         6.5       Battery weight (+/- 5%)       275 kg         Miscellaneous         8.1       Type of drive control       DC	5.3	Lowering speed (laden / unladen)		0.22 m/s / 0.21 m/s		
Engine         Companies           6.1         Drive motor rating S2 60 min         2 kW           6.2         Lift motor rating at \$3 15%         4 kW           6.3         Battery according to DIN 43531/35/36 A, B, C         Traction           6.4         Battery voltage / capacity         24 V / 315 Ah           6.5         Battery weight (+/- 5%)         275 kg           Miscellaneous           8.1         Type of drive control         DC	5.8	Max Gradeability (laden / unladen)		6 % / 10 %		
6.1 Drive motor rating \$2.60 min 2 kW 6.2 Lift motor rating at \$3.15% 4 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V / 315 Ah 6.5 Battery weight (+/- 5%) 275 kg  Miscellaneous 8.1 Type of drive control DC	5.10	Service brake		Electro magnetic		
6.2 Lift motor rating at \$3 15% 4 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V / 315 Ah 6.5 Battery weight (+/- 5%) 275 kg  Miscellaneous 8.1 Type of drive control DC		Engine				
6.2 Lift motor rating at \$3 15% 4 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V / 315 Ah 6.5 Battery weight (+/- 5%) 275 kg  Miscellaneous 8.1 Type of drive control DC	6.1			2 kW		
6.3 Battery according to DIN 43531/35/36 A, B, C  6.4 Battery voltage / capacity  6.5 Battery weight (+/- 5%)  Miscellaneous  8.1 Type of drive control  Battery according to DIN 43531/35/36 A, B, C  Traction  24 V / 315 Ah  275 kg  DC		•				
6.4       Battery voltage / capacity       24 V / 315 Ah         6.5       Battery weight (+/- 5%)       275 kg         Miscellaneous         8.1       Type of drive control       DC						
6.5       Battery weight (+/- 5%)       275 kg         Miscellaneous         8.1       Type of drive control       DC		•				
Miscellaneous  8.1 Type of drive control DC						
8.1 Type of drive control DC	0.0					
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		•				

## ES 820 LI - Dimensional drawing



## Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1955	2205
h2 - Mast free lift	mm	1510	1760
h3 - Mast lifting height	mm	1510	1760
h4 - Mast extended height	mm	1965	2215
Residual capacity at max height	kg	2000	2000

Full Visibility Duplex (FVD)		FVD 29	FVD 34
h1 - Mast lowered height	mm	1955	2205
h3 - Mast lifting height	mm	2940	3440
h4 - Mast extended height	mm	3400	3900
Residual capacity at max height	ka	1600	1300

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	2205	2205
h2 - Mast free lift	mm	1510	1760
h3 - Mast lifting height	mm	2935	3435
h4 - Mast extended height	mm	3895	3895
Residual capacity at max height	kg	1600	1300

Free Lift Triplex (FLT)	FLT 42	FLT 47	FLT 54	
h1 - Mast lowered height	mm	1915	2075	2315
h2 - Mast free lift	mm	1470	1630	1880
h3 - Mast lifting height	mm	4250	4730	5460
h4 - Mast extended height	mm	4725	5205	5895
Residual capacity at max height	kg	750	550	450





## **Head Office**

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