Technical sheet:

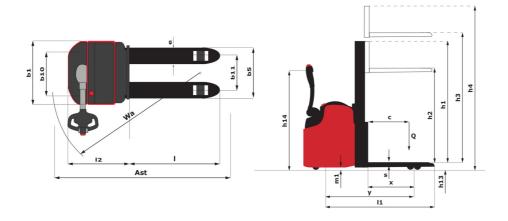
## ES 616





			<b>ES 616</b> Clea	teu on August 30, 2025 at 10.02 PM 0
Power source   Fig. 616   Representation   Fig. 616   Representation   R		Technical characteristics		Metric
1.1	1.1	Manufacturer		Manitou
1.5   Max. capacity   Max. capacity   Q   1600 kg     1.6   Load center of gravity   Q   1600 kg     1.8   Distance from Load bockvest to center of rear axle	1.2	Model Name		ES 616
1.5         Max. capacity         c         6.00 mm           1.6         Load center of gravity         c         6.00 mm           1.9         Wheelbase         y         122 mm           1.9         Wheelbase         y         122 mm           2.1         Service weight         1055 kg         1055 kg           2.2         Weight on front azie (Indedn)         1055 kg         1055 kg           2.3         Weight on front azie (Indedn) / rear azie (Indedn)         855 kg / 240 kg         855 kg / 240 kg           3.1         Tires tips         9         11/120 x 54 kg         855 kg / 240 kg           3.3         Number of Inde wheels / Size of the stabilizer wheels         2         74 / 82 x 88         14 / 82 x 88           3.5         Number of front wheels / Size of the stabilizer wheels         1         1 / 120 x 54         1 / 120 x 54           3.5         Number of front wheels / Size of the stabilizer wheels         1         1 / 120 x 54         1 / 120 x 54           3.5         Number of front wheels / Size of the stabilizer wheels         1         1 / 120 x 54         1 / 120 x 54           3.6         Front wheel gauge         b10         52 m         1 / 120 x 54	1.3	Power source		Electrical - Lead
1.0	1.4	Operator type		Pedestrian
1.9   Wineclose	1.5	Max. capacity	Q	1600 kg
1.9   Winelibas   Winelibas   Winelibas   Winelibas   Winelibas   Service weight   1095 kg   1005 kg   1600 kg   1	1.6	Load center of gravity	С	600 mm
	1.8	Distance from Load backrest to center of rear axle	х	687 mm
2.1   Service weight   1005 kg   1005 kg   1202 kg   1005 kg   1	1.9	Wheelbase	у	1252 mm
2.2         Weight on front axie (laden) / rear axie (lutaden)         1065 kg / 1520 kg           2.3         Weight on front axie (lutaden)         855 kg / 240 kg           3.1         Tires type         Polywethane           3.1         Number of stabilizer wheels / Size of the stabilizer wheels         24 82 x 68           3.4         Number of firon wheels / Size of the stabilizer wheels         24 82 x 68           3.5         Number of front wheels / Size of the stabilizer wheels         27 2           3.6         Front wheel gauge         b10         529 m           3.6         Front wheel gauge         b10         529 m           4.15         Fok height in low position         b11         380 mm           4.19         Oleveal length         b11         380 mm           4.20         Length to face of focks         b1         1910 mm           4.21         Occula width         b1         80 mm         1910 mm           4.22         Forks seetion / width / length         s / e / 1         60 mm / 185 mm / 1150 mm           4.23         Asia ewidth for pallets 1000 x 1200 crosswys         Ast         2 30 mm           4.33         Asia Width for pallets 1000 x 1200 crosswys         Ast         2 235 mm           4.34         Asia width fo		Weight		
2.3         Weight on front axie (Uniaden) / Fear axie (Uniaden)         855 kg / 240 kg           Wineals         Control           3.1         Ties type         Polyurethane           3.3         Number of load wheels / Size of load wheels         24 / 82 x 68           3.5         Number of front wheels / Size of drive wheels         2 / 2           3.5.2         Number of front wheels / Size of drive wheels         2 / 2           3.5.2         Number of front wheels / Size of drive wheels         1 / 120 x 54           3.5.2         Number of front wheels / Size of drive wheels         2 / 2           3.5.2         Number of front wheels / Size of drive wheels         1 / 100 x 52 m           3.6         Fort wheel gauge         b10         52 m           3.7         Rear wheel gauge         b11         380 mm           4.15         Oke height in low position         1 h13         85 mm           4.19         Overall length         1 t1         1910 mm           4.20         Length to face of forks         1 t2         761 mm           4.21         Okerall width         b1         60 mm / 185 mm / 115 mm           4.22         Forks section / width / length         s / e / 1         50 mm / 185 mm / 115 mm           4.22         Co	2.1	Service weight		1095 kg
Nite	2.2	Weight on front axle (laden) / rear axle (laden)		1065 kg / 1620 kg
Number of Isabilizer wheels   Size of Ioad wheels   Size of Io	2.3	Weight on front axle (Unladen) / rear axle (Unladen)		855 kg / 240 kg
3.3         Number of load wheels / Size of fine stabilizer wheels / Size of the stabilizer wheels / Size of the stabilizer wheels / Size of the stabilizer wheels / Size of drive wheels / Size of d		Wheels		
3.3         Number of load wheels / Size of fine stabilizer wheels / Size of the stabilizer wheels / Size of the stabilizer wheels / Size of the stabilizer wheels / Size of drive wheels / Size of d	3.1	Tires type		Polyurethane
3.4         Number of stabilizer wheels / Size of the stabilizer wheels         1 / 120 x 54           3.5         Number of front wheels / Size of drive wheels         2 / 2           3.6         Front wheel gauge         b10         529 m           3.7         Bear wheel gauge         b10         529 m           4.15         Fork height in low position         h13         85 mm           4.19         Overall length         11         1910 mm           4.20         Length to face of forks         12         76 in m           4.21         Overall width         b1         800 mm           4.22         Fork seedson / width / length         b1         800 mm           4.22         Fork seedson / width / length         5 / 21         60 mm / 185 mm / 1150 mm           4.24         Fork carriage width         5 / 21         60 mm / 185 mm / 1150 mm           4.24         Fork carriage width         b3         700 mm           4.24         Fork carriage width         B3         700 mm           4.24         Fork carriage width         B3         750 mm / 185 mm / 1150 mm           4.25         Ground clearance at centre of wheelbase         m2         30 mm           4.26         Turning radius         18		•		· ·
3.5.         Number of front wheels / fize of drive wheels         2 / 2           3.5				
3.5.2         Number of drive wheels / Size of drive wheels         1/230x70           3.6         Front wheel gauge         b10         5.29 m           3.7         Bear wheel gauge         b11         380 mm           4.15         Fork height in low position         h13         8.5 mm           4.19         Uength to face of forks         12         761 mm           4.20         Length to face of forks         12         761 mm           4.21         Overall width         b1         880 mm           4.22         Fork section / width / length         5 e / 1         60 mm / 185 mm / 1150 mm           4.24         Fork carriage width         b3         700 mm           4.24         Fork carriage width for pallet 1000 x 1200 crossways         ast         2286 mm           4.24         Fork carriage width for pallet 1000 x 1200 crossways         Ast         2286 mm           4.33         Alsie width for pallet 1000 x 1200 crossways         Ast         2225 mm           4.34         Alsie width for pallet 1000 x 1200 crossways         Ast         2225 mm           4.5         Tuming adus         Wa         1476 mm           5.1         Travel speed (laden / unladen)         To know / 16 km/h / 6 km/h           5.2 <t< td=""><td></td><td></td><td></td><td></td></t<>				
Sear wheel gauge	3.5.2	Number of drive wheels / Size of drive wheels		1/230x70
Rear wheel gauge	3.6	Front wheel gauge	b10	529 m
Dimensions	3.7	Rear wheel gauge	b11	380 mm
4.19       Overall length       11       1910 mm         4.20       Length to face of forks       12       761 mm         4.21       Overall width       b1       800 mm         4.22       Forks section / width / length       \$ / e / 1       60 mm / 185 mm / 1150 mm         4.24       Fork carriage width       b3       700 mm         4.32       Ground clearance at centre of wheelbase       m2       30 mm         4.33       Aisle Width for gallets 1000 x 1200 crossways       Ast       2286 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2325 mm         4.35       Tuming radius       Ma       1476 mm         4.9       Height tiller min. / max.       Wa       1476 mm         4.9       Height tiller min. / max.       Ma       1476 mm         5.1       Travel speed (laden / unladen)       E       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       To 18 m/s / 0.30 m/s         5.3       Lowering speed (laden / unladen)       To 2, 10 %         5.1       Service brake       Electro magnetic         6.1       Drive motor rating 250 min       Electro magnetic         6.1       Drive motor rating 250 min       To 5, 10 % <td></td> <td></td> <td></td> <td></td>				
4.19       Overall length       11       1910 mm         4.20       Length to face of forks       12       761 mm         4.21       Overall width       b1       800 mm         4.22       Forks section / width / length       5 / e / l       60 mm / 185 mm / 1150 mm         4.24       Fork carriage width       b3       700 mm         4.23       Ground clearance at centre of wheelbase       m2       30 mm         4.33       Asile Width for gallets 1000 x 1200 crossways       Ast       2286 mm         4.34       A isle Width for gallets 1000 x 1200 crossways       Ast       2325 mm         4.35       Tuming radius       Ma       1476 mm         4.9       Height tiller min. / max.       Wa       1476 mm         4.9       Height tiller min. / max.       Ma       1476 mm         5.1       Travel speed (laden / unladen)       For Morman       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       To Na Koradeability (laden / unladen)       To Na	4.15	Fork height in low position	h13	85 mm
4.20       Length to face of forks       12       761 mm         4.21       Overall width       b1       800 mm         4.22       Forks section / width / length       s / e / l       60 mm / 185 mm / 1150 mm         4.24       Fork carriage width       b3       700 mm         4.32       Ground clearance at centre of wheelbase       m2       30 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2286 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2325 mm         4.35       Tuming radius       Wa       1476 mm         4.9       Height tiller min / max.       p14 / h14       750 mm / 1250 mm         5.1       Travel speed (laden / unladen)       5.0       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       5.0       1.8 m/s / 0.30 m/s         5.3       Lowering speed (laden / unladen)       5.0       7 % / 10 %         5.1       Service brake       Electro magnetic       1.50 kW         5.1       Engine       3 kW         6.2       Lift motor rating s2 60 min       3 kW         6.2       Lift motor rating s2 50 min       3 kW         6.3       Battery voltage / capacity       <			I1	1910 mm
4.21       Overall width       b1       800 mm         4.22       Forks section / width / length       s / e / l       60 mm / 185 mm / 1150 mm         4.24       Fork carriage width       b3       700 mm         4.32       Ground clearance at cent of wheelbase       m2       30 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2286 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2235 mm         4.35       Tuming radius       Wa       1476 mm         4.9       Height tiller min / max.       p14 / h14       750 mm / 1250 mm         4.9       Height tiller min / max.       p14 / h14       750 mm / 1250 mm         5.1       Tavel speed (laden / unladen)       0.18 m/s / 0.30 m/s         5.2       Lifting speed (laden / unladen)       0.18 m/s / 0.30 m/s         5.3       Lowering speed (laden / unladen)       0.18 m/s / 0.30 m/s         5.1       Engine       7 % / 10 %         5.1       Engine       1.50 kW         6.1       Dive motor rating s2 60 min       3 kW         6.2       Lift motor rating at S3 15%       3 kW         6.3       Battery voltage / capacity       3 kW         6.4       B	4.20	·	12	761 mm
4.22       Forks section / width / length       s / e / l       60 mm / 185 mm / 1150 mm         4.24       Fork carriage width       b3       700 mm         4.32       Ground clearance at centre of wheelbase       m2       30 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2286 mm         4.34       Aisle Width for 800 x 1200 pallet lengthways       Ast       2325 mm         4.35       Tuming radius       Wa       1476 mm         4.9       Height tiller min. / max.       b14 / h14       750 mm / 1250 mm         4.9       Height tiller min. / max.       b14 / h14       750 mm / 1250 mm         5.1       Tavel speed (laden / unladen)       6 km/h / 6 km/h       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.18 m/s / 0.30 m/s       5         5.3       Lowering speed (laden / unladen)       0.27 m/s / 0.22 m/s       6         5.1       Service brake       Electromagnetic       1         5.1       Service brake       Electromagnetic       3 kW         5.1       Dive motor rating \$2.60 min       \$ 1.50 kW       3 kW         6.2       Lift motor rating at \$3 15%       \$ 1.50 kW       3 kW         6.3       Battery voltage / capacity <td>4.21</td> <td>Overall width</td> <td>b1</td> <td>800 mm</td>	4.21	Overall width	b1	800 mm
4.32       Ground clearance at centre of wheelbase       m2       30 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2286 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2325 mm         4.35       Turning radius       Wa       1476 mm         4.9       Height tiller min. / max.       h14 / h14       750 mm / 1250 mm         Performances         5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.18 m/s / 0.30 m/s         5.3       Lowering speed (laden / unladen)       0.27 m/s / 0.22 m/s         5.8       Max Gradeability (laden / unladen)       Flecton         5.8       Service brake       Electon         Engine         6.1       Drive motor rating \$2.60 min       1.50 kW         6.2       Lift motor rating \$2.50 min       3 kW         6.3       Battery voltage / capacity       5 Ak         6.4       Battery voltage / capacity       2 Ak / / 250 Ah         6.5       Battery weight (+/- 5%)       189 kg         6.7       Miscellaneous       180 kg	4.22	Forks section / width / length	s / e / l	60 mm / 185 mm / 1150 mm
4.32       Ground clearance at centre of wheelbase       m2       30 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2286 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2325 mm         4.35       Turning radius       Wa       1476 mm         4.9       Height tiller min. / max.       h14 / h14       750 mm / 1250 mm         5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.18 m/s / 0.30 m/s         5.3       Lowering speed (laden / unladen)       0.27 m/s / 0.22 m/s         5.8       Max Gradeability (laden / unladen)       7 % / 10 %         5.8       Service brake       Electro magnetic         6.1       Drive motor rating \$2.60 min       1.50 kW         6.2       Lift motor rating \$2.50 min       1.50 kW         6.3       Battery voltage / capacity       3 kW         6.4       Battery voltage / capacity       24 V / 250 Ah         6.4       Battery weight (+/- 5%)       189 kg         Miscellaneous       189 kg	4.24	•		700 mm
4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       2286 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2325 mm         4.35       Tuming radius       Wa       1476 mm         4.9       Height tiller min. / max.       h14 / h14       750 mm / 1250 mm         Performances         Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.18 m/s / 0.30 m/s         5.3       Lowering speed (laden / unladen)       0.27 m/s / 0.22 m/s         5.3       Asservice brake       Electro magnetic         5.10       Service brake       Electro magnetic         6.1       Drive motor rating 32 60 min       1.50 kW         6.2       Lift motor rating at S3 15%       3 kW         6.3       Battery voltage / capacity       9 NI 43535-B         6.4       Battery voltage / capacity       24 V / 250 Ah         6.5       Battery weight (+/- 5%)       189 kg         8.1       Type of drive control       AC	4.32	•	m2	30 mm
4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       2325 mm         4.35       Tuming radius       Wa       1476 mm         4.9       Height tiller min. / max.       h14 / h14       750 mm / 1250 mm         Performances         5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.18 m/s / 0.30 m/s         5.3       Lowering speed (laden / unladen)       0.27 m/s / 0.22 m/s         5.8       Max Gradeability (laden / unladen)       7 % / 10 %         5.10       Service brake       Electro magnetic         6.1       Drive motor rating \$2 60 min       5 1.50 kW         6.2       Lift motor rating \$2 60 min       5 3 kW         6.2       Lift motor rating at \$3 15%       3 kW         6.3       Battery worltage / capacity       3 kW         6.4       Battery voltage / capacity       24 V / 250 Ah         6.5       Battery weight (+/- 5%)       189 kg         Miscellaneous       1       AC				
4.35       Tuming radius       Wa       1476 mm         4.9       Height tiller min. / max.       h14 / h14       750 mm / 1250 mm         Perfomances         5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.18 m/s / 0.30 m/s         5.3       Lowering speed (laden / unladen)       0.27 m/s / 0.22 m/s         5.8       Max Gradeability (laden / unladen)       7 % / 10 %         5.10       Service brake       Electro magnetic         6.1       Drive motor rating \$2 60 min       1.50 kW         6.2       Lift motor rating at \$3 15%       3 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       DIN 43535-B         6.4       Battery voltage / capacity       24 V / 250 Ah         6.5       Battery weight (+/-5%)       189 kg         Miscellaneous       AC	4.34	·	Ast	2325 mm
Performances         Commander	4.35		Wa	1476 mm
5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.18 m/s / 0.30 m/s         5.3       Lowering speed (laden / unladen)       0.27 m/s / 0.22 m/s         5.8       Max Gradeability (laden / unladen)       7 % / 10 %         5.10       Service brake       Electro magnetic         6.1       Drive motor rating \$2 60 min       1.50 kW         6.2       Lift motor rating at \$3 15%       3 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       DIN 43535-B         6.4       Battery voltage / capacity       24 V / 250 Ah         6.5       Battery weight (+/- 5%)       189 kg         Miscellaneous       AC	4.9	Height tiller min. / max.	h14 / h14	750 mm / 1250 mm
5.1       Travel speed (laden / unladen)       6 km/h / 6 km/h         5.2       Lifting speed (laden / unladen)       0.18 m/s / 0.30 m/s         5.3       Lowering speed (laden / unladen)       0.27 m/s / 0.22 m/s         5.8       Max Gradeability (laden / unladen)       7 % / 10 %         5.10       Service brake       Electro magnetic         6.1       Drive motor rating \$2 60 min       1.50 kW         6.2       Lift motor rating at \$3 15%       3 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       DIN 43535-B         6.4       Battery voltage / capacity       24 V / 250 Ah         6.5       Battery weight (+/- 5%)       189 kg         Miscellaneous       AC		Performances		
5.2       Lifting speed (laden / unladen)       0.18 m/s / 0.30 m/s         5.3       Lowering speed (laden / unladen)       0.27 m/s / 0.22 m/s         5.8       Max Gradeability (laden / unladen)       7 % / 10 %         5.10       Service brake       Electro magnetic         Engine         6.1       Drive motor rating \$2 60 min       1.50 kW         6.2       Lift motor rating at \$3 15%       3 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       DIN 43535-B         6.4       Battery voltage / capacity       24 V / 250 Ah         6.5       Battery weight (+/- 5%)       189 kg         Miscellaneous         8.1       Type of drive control       AC	5.1			6 km/h / 6 km/h
5.3       Lowering speed (laden / unladen)       0.27 m/s / 0.22 m/s         5.8       Max Gradeability (laden / unladen)       7 % / 10 %         5.10       Service brake       Electro magnetic         Engine         6.1       Drive motor rating \$2 60 min       1.50 kW         6.2       Lift motor rating at \$3 15%       3 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       DIN 43535-B         6.4       Battery voltage / capacity       24 V / 250 Ah         6.5       Battery weight (+/- 5%)       189 kg         Miscellaneous         8.1       Type of drive control       AC	5.2	, ,		
5.8       Max Gradeability (laden / unladen)       7 % / 10 %         5.10       Service brake       Electro magnetic         6.1       Drive motor rating \$2 60 min       1.50 kW         6.2       Lift motor rating at \$3 15%       3 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       DIN 43535-B         6.4       Battery voltage / capacity       24 V / 250 Ah         6.5       Battery weight (+/- 5%)       189 kg         Miscellaneous       AC	5.3			0.27 m/s / 0.22 m/s
Service brake       Electro magnetic         Engine       Colspan="2">Colsp	5.8	- , ,		
Engine         Common of Pating SQ 60 min         1.50 kW           6.2         Lift motor rating at S3 15%         3 kW           6.3         Battery according to DIN 43531/35/36 A, B, C         DIN 43535-B           6.4         Battery voltage / capacity         24 V / 250 Ah           6.5         Battery weight (+/- 5%)         189 kg           Miscellaneous           8.1         Type of drive control         AC	5.10			
6.2       Lift motor rating at S3 15%       3 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       DIN 43535-B         6.4       Battery voltage / capacity       24 V / 250 Ah         6.5       Battery weight (+/- 5%)       189 kg         Miscellaneous         8.1       Type of drive control       AC				,
6.2       Lift motor rating at S3 15%       3 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       DIN 43535-B         6.4       Battery voltage / capacity       24 V / 250 Ah         6.5       Battery weight (+/- 5%)       189 kg         Miscellaneous         8.1       Type of drive control       AC	6.1	Drive motor rating S2 60 min		1.50 kW
6.3       Battery according to DIN 43531/35/36 A, B, C       DIN 43535-B         6.4       Battery voltage / capacity       24 V / 250 Ah         6.5       Battery weight (+/- 5%)       189 kg         Miscellaneous         8.1       Type of drive control       AC				
6.4       Battery voltage / capacity       24 V / 250 Ah         6.5       Battery weight (+/- 5%)       189 kg         Miscellaneous         8.1       Type of drive control       AC	6.3			DIN 43535-B
6.5       Battery weight (+/- 5%)       189 kg         Miscellaneous         8.1       Type of drive control       AC				
Miscellaneous  8.1 Type of drive control  AC				
8.1 Type of drive control AC				
,,	8.1			AC

## ES 616 - Dimensional drawing



## Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1930	2180
h2 - Mast free lift	mm	1505	1755
h3 - Mast lifting height	mm	1505	1755
h4 - Mast extended height	mm	1944	2194
Residual capacity at max height	kg	1600	1600

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
h1 - Mast lowered height	mm	1930	2180	2380
h3 - Mast lifting height	mm	2935	3435	3835
h4 - Mast extended height	mm	3374	3874	4274
Residual capacity at max height	kg	1350	1100	900

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1930	2180
h2 - Mast free lift	mm	1505	1755
h3 - Mast lifting height	mm	2930	3430
h4 - Mast extended height	mm	3369	3869
Residual capacity at max height	kg	1350	1100

Free Lift Triplex (FLT)		FLT 42	FLT 47	FLT 54
h1 - Mast lowered height	mm	1889	2049	2300
h2 - Mast free lift	mm	1465	1625	1875
h3 - Mast lifting height	mm	4245	4725	5455
h4 - Mast extended height	mm	4701	5181	5880
Residual capacity at max height	kg	700	550	500





## **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes