Technical sheet:

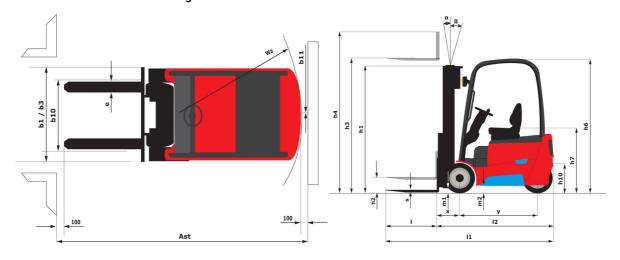
# ME 316 LIFT





Technical characteristics			ME 316 LIFT	Greated Off August 13, 2023 at 0.13 AW 0
Mathematics		Technical characteristics		Metric
Power source	1.1	Manufacturer		Manitou
1.5   Max. capacity   Q   1600 kg	1.2	Model Name		ME 316 LIFT
1.5	1.3	Power source		Electrical - Lithium
Load center of gravity   C   S00 mm	1.4	Operator type		Seated
1.9	1.5	Max. capacity	Q	1600 kg
1.9   Wheelbase   Storder matchine   Fibro 20   Fibro 20     Veright   Ver	1.6	Load center of gravity	С	500 mm
1.9   Wheelbase   Storder matchine   Fibro 20   Fibro 20     Veright   Ver	1.8	Load distance, centre of drive axle to fork	X	359.50 mm
Sandad mast ference of the machine   PO 30			V	
		Standard mast reference of the machine	·	
Serice weight				
	2.1	•		2940 kg
Neight on front axie (Unladen) / rear axie (Unladen)   Neight on front wheels   Neight on the feel gauge   Neight on front wheels   Neigh				
Nimeds   Solid times   Solid		_ ` ` ` ` ` ` ` `		
1	2.0	- , , , ,		10 10 kg / 1000 kg
18.7.8   1	3 1			Solid tires
3.3   Dimensions of rear wheels   15x4,58   271   3.5   3.5   Number of from wheels / rear wheels   2   2   3.6   5   10   10   10   10   10   10   10				
3.5       Number of firent wheels / rear wheels       2 / 1         3.5       Number of dire wheels       5 / 2         3.6       Front wheel gauge       b10       914 mm         3.7       Rear wheel gauge       b11       178 mm         4.7       Height of overhead guard (cabin)       h6       2147 mm         4.8       Seat heighty stand height       h7       1120 mm         4.12       Height of towing bar (coupling height)       h10       525 mm         4.19       Overall length       11       2776 mm         4.20       Length to face of forks       12       1856 mm         4.21       Loverall width       h1       1066 mm         4.22       Fork section / width / length       s / e / l       35 mm x 100 mm x 920 mm         4.23       Fork carriage width       g 3       1000 mm         4.24       Fork carriage width       g 3       1000 mm         4.21       Ground clearance at centre of whelbase       m1       100 mm         4.22       Ground clearance at centre of whelbase       m2       110 mm         4.33       Hall which for pell sto 100 x 1200 persaways       A st       3156 mm         4.24       Asile width for each width for each of the pell sto 100				
3.6         Front wheel gauge         b10         914 mm           3.7         Rear wheel gauge         b11         178 mm           Umbersions         Image: Company of the properties of the proper				
3.7         Rear wheel gauge         b11         178 mm           4.7         Height of ownead guard (cabin)         h6         2147 mm           4.8         Seat height/stand height         h7         1120 mm           4.12         Height of towing bar (coupling height)         h10         558 mm           4.12         Height of towing bar (coupling height)         h10         558 mm           4.19         Overall width         h1         2776 mm           4.20         Length to face of forks         12         1856 mm           4.21         Overall width         b1         1086 mm           4.22         Fork cariage ISO 2328 (class/form) A/B         \$         e/e/1         35 mm 100 mm           4.23         Fork cariage width         b3         1000 mm           4.24         Fork cariage width         b3         1000 mm           4.23         Ground clearance below mast         m1         100 mm           4.24         A size Width for pallets 1000 x 1200 crossways         Ast         3156 mm           4.33         A size Width for pallets 1000 x 1200 crossways         Ast         3156 mm           4.35         Truning radius         Ma         1470 mm           5.1         True speed (lad			h10	
4.7         Height of overhead guard (cabin)         h6         2147 mm           4.8         Seat height of towing bar (coupling height)         h7         1120 mm           4.12         Height of towing bar (coupling height)         h10         525 mm           4.19         Overall length         I1         2776 mm           4.20         Length to face of forks         i2         1856 mm           4.21         Overall width         b1         1086 mm           4.22         Fork cardiage ISO 2328 (class/form) A/B         c         2A           4.24         Fork cardiage Width         b3         1000 mm           4.31         Ground clearance below mast         m1         100 mm           4.32         Ground clearance below mast         m1         100 mm           4.33         Aisle Width for pallet 1000 x 1200 crossways         Ast         3156 mm           4.34         Aisle width for pallet 1000 x 1200 crossways         Ast         3156 mm           4.35         Turning aduls         Wa         1470 mm           9         Performances         Wa         1470 mm           5.1         Travel speed (laden / unladen)         0.45 m/s 0.60 m/s           5.2         Lifting speed (laden / unladen)         <	3./		BII	178 11111
4.8         Seat height/stand height         h7         1120 mm           4.12         Height of towing bar (coupling height)         h10         525 mm           4.19         Overall length         i1         2776 mm           4.20         Length to face of forks         12         1856 mm           4.21         Overall width         b1         1086 mm           4.22         Fork section / width / length         s / e / l         35 mx x 100 mx x 920 mm           4.23         Fork carriage width         b3         1000 mm           4.31         Ground clearance below mast         m1         100 mm           4.32         Ground clearance at center of wheelbase         m2         110 mm           4.32         Ground clearance at center of wheelbase         m2         110 mm           4.32         Aisle width for 800 x 1200 crossways         Ast         3156 mm           4.34         Aisle width for 800 x 1200 crossways         Ast         3280 mm           4.35         Tuming radius         Wa         1470 mm           5.1         Travel speed (laden / unladen)         Wa         1470 mm           5.2         Liffun speed (laden / unladen)         0.45 m/s - 0.60 m/s           5.3         Loweing speed (laden	4.7		h.c.	0147
4.12       Height of towing bar (coupling height)       h10       \$25 mm         4.19       Overall length       11       2776 mm         4.20       Length to face of forks       12       1886 mm         4.21       Coverall width       b1       1086 mm         4.22       Fork section / width / length       \$ / e / l       35 mm x 100 mm x 920 mm         4.23       Fork carriage width       b3       1000 mm         4.24       Fork carriage width       b3       1000 mm         4.21       Ground clearance below mast       m1       100 mm         4.22       Ground clearance at centre of wheelbase       m2       110 mm         4.33       Alsle Width for pallets 1000 x 1200 crossways       Ast       3156 mm         4.34       Alsle width for 800 x 1200 pallet lengthways       Ast       3280 mm         4.35       Tuming radius       Wa       1470 mm         Performances       Wa       1470 mm         5.1       Travel speed (laden / unladen)       0.45 m/s 0.60 m/s         5.2       Lifting speed (laden / unladen)       0.45 m/s 0.60 m/s         5.5       Drawbar pull (Laden / Unladen)       0.45 m/s 0.44 m/s         5.7       Gradeability (laden / unladen)       0.46 m/s 0.				
4.19       Overall length to face of forks       11       2776 mm         4.20       Length to face of forks       12       1856 mm         4.21       Overall width       b1       1086 mm         4.22       Forks section / width / length       s / e / l       35 mm x 100 mm x 920 mm         4.23       Fork carriage ISO 2328 (class/form) A/B       2A         4.24       Fork carriage width       b3       1000 mm         4.31       Ground clearance at centre of wheelbase       m2       110 mm         4.32       Ground clearance at centre of wheelbase       m2       110 mm         4.33       Alsie Width for pallets 1000 x 1200 crossways       Ast       3156 mm         4.34       Alsie width for 800 x 1200 pallet lengthways       Ast       3280 mm         4.35       Tuming radius       Wa       1470 mm         5.1       Travel speed (laden / unladen)       Wa       15 km/h-16 km/h         5.2       Lifting speed (laden / unladen)       0.45 m/s-0.60 m/s         5.3       Lowering speed (laden / unladen)       0.46 m/s-0.44 m/s         5.7       Gradeability (laden / unladen)       3300 dal / 3900 dal         5.7       Gradeability (laden / unladen)       16 k/ 18 k         5.0       Servic				
Length to Tace of forks   12   1856 mm   1086 mm   108				
4.21       Overall width       b1       1 086 mm         4.22       Forks section / width / length       \$ / e / l       35 mm x 100 mm x 920 mm         4.23       Fork carriage width       b3       1000 mm         4.24       Fork carriage width       b3       1000 mm         4.31       Ground clearance at centre of wheelbase       m2       110 mm         4.32       A isle Width for pallets 1000 x 1200 crossways       Ast       3156 mm         4.33       A isle width for 900 x 1200 pallet lengthways       Ast       3280 mm         4.34       A isle width for 900 x 1200 pallet lengthways       Ast       3280 mm         4.35       Tuming radius       Wa       1470 mm         8.1       Travel speed (laden / unladen)       Wa       15 km/h-16 km/h         5.2       Lifting speed (laden / unladen)       0.45 m/s-0.60 m/s         5.3       Lowering speed (laden / unladen)       0.45 m/s-0.60 m/s         5.5       D rawbar pull (Laden / Unladen)       3300 daN / 3900 daN         5.5       D rawbar pull (Laden / unladen)       40 de m/s-0.44 m/s         5.5       D rawbar pull (Laden / unladen)       40 de m/s-0.44 m/s         5.1       Service brake       Hydraulic         6.1       D rive motor rati		·		
4.22       Forks section / width / length       s / e / l       35 mm x 100 mm x 920 mm         4.23       Fork carriage ISO 2328 (class/form) A/B       2A         4.24       Fork carriage ISO 2328 (class/form) A/B       b3       1000 mm         4.24       Fork carriage ISO 2328 (class/form) A/B       b3       1000 mm         4.31       Ground clearance below mast       m1       100 mm         4.32       Ground clearance at centre of wheelbase       m2       110 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       3156 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       3280 mm         4.35       Tuming radius       Wa       1470 mm         5.1       Travel speed (laden / unladen)       Wa       156 km/h-16 km/h         5.2       Lifting speed (laden / unladen)       0.45 m/s-0.60 m/s       0.45 m/s-0.60 m/s         5.3       Lowering speed (laden / unladen)       0.45 m/s-0.60 m/s       0.45 m/s-0.60 m/s         5.5       Drawbar pull (Laden / unladen)       0.45 m/s-0.60 m/s       0.45 m/s-0.60 m/s         5.7       Gradeability (laden / unladen)       0.45 m/s-0.60 m/s       0.45 m/s-0.60 m/s         5.1       Engine       0.16 km/la % laden       0.16 km/la % laden				
4.23       Fork carriage ISO 2328 (class/form) A/B       2A         4.24       Fork carriage width       b3       1000 mm         4.31       Ground clearance below mast       m1       100 mm         4.32       Ground clearance at centre of wheelbase       m2       110 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       3156 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       3280 mm         4.35       Tuming radius       Wa       1470 mm         Performances         5.1       Travel speed (laden / unladen)       0.45 m/s - 0.60 m/s         5.2       Lifting speed (laden / unladen)       0.45 m/s - 0.60 m/s         5.2       Living speed (laden / unladen)       0.45 m/s - 0.60 m/s         5.5       Drawbar pull (Laden / Unladen)       3300 daN / 3900 daN         5.7       Gradeability (laden / unladen)       3300 daN / 3900 daN         5.7       Gradeability (laden / unladen)       16 % / 18 %         5.0       Bornice brake       Hydraulic         6.1       Drive motor rating \$2.60 min       2.50 kW         6.2       Lift motor rating at \$3.15%       11 kW         6.3       Battery voltage / capacity       76.80 V / 230				
4.24       Fork carriage width       b3       1000 mm         4.31       Ground clearance below mast       m1       100 mm         4.32       Ground clearance at centre of wheelbase       m2       1110 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       3156 mm         4.34       Aisle Width for 800 x 1200 pallet lengthways       Ast       3280 mm         4.35       Tuming radius       Wa       1470 mm         Performances         5.1       Travel speed (laden / unladen)       Wa       16 km/h-16 km/h         5.2       Lifting speed (laden / unladen)       0.45 m/s-0.60 m/s       0.45 m/s-0.60 m/s         5.3       Lowering speed (laden / unladen)       3300 daN / 3900 daN       0.46 m/s-0.44 m/s         5.5       Drawbar pull (Laden / unladen)       3300 daN / 3900 daN       0.46 m/s-0.44 m/s         5.7       Gradeability (laden / unladen)       16 % / 18 %       16 % / 18 %         5.1       Prive berake       Hydraulic       16 % / 18 %         6.1       Drive motor rating \$2.60 min       2.50 kW       11 kW         6.2       Lift motor rating at \$3 15%       11 kW       11 kW         6.3       Battery woltage / capacity       76.80 V / 230 Ah       185			s / e / I	
4.31       Ground clearance below mast       m1       100 mm         4.32       Ground clearance at centre of wheelbase       m2       110 mm         4.33       Alsle Width for pallets 1000 x 1200 crossways       Ast       3156 mm         4.34       Aisle width for pallet lengthways       Ast       3280 mm         4.35       Tuming radius       Wa       1470 mm         Performances         5.1       Travel speed (laden / unladen)       Wa       16 km/h-16 km/h         5.2       Lifting speed (laden / unladen)       0.45 m/s-0.60 m/s       4.5 m/s-0.60 m/s         5.3       Lowering speed (laden / unladen)       3300 daN / 3900 daN       4.5 m/s-0.60 m/s       4.5 m/s-0.60 m/s         5.5       Drawbar pull (Laden / Unladen)       3300 daN / 3900 daN       4.5 m/s-0.60 m/s       4.5 m/s-0.60 m/				
4.32       Ground clearance at centre of wheelbase       m2       110 mm         4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       3156 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       3280 mm         4.35       Tuming radius       Wa       1470 mm         Performances         5.1       Travel speed (laden / unladen)       User (laden / unladen)       0.45 m/s-0.60 m/s         5.2       Lifting speed (laden / unladen)       0.45 m/s-0.60 m/s       0.46 m/s-0.44 m/s         5.3       Lowering speed (laden / unladen)       3300 daN / 3900 daN       3300 daN / 3900 daN         5.5       Drawbar pull (Laden / Unladen)       3300 daN / 3900 daN       40.46 m/s-0.44 m/s		•		
4.33       Aisle Width for pallets 1000 x 1200 crossways       Ast       3156 mm         4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       3280 mm         4.35       Tuming radius       Wa       1470 mm         Errormances         5.1       Travel speed (laden / unladen)       16 km/h-16 km/h         5.2       Lifting speed (laden / unladen)       0.45 m/s-0.60 m/s         5.3       Lowering speed (laden / unladen)       0.46 m/s-0.44 m/s         5.5       D rawbar pull (Laden / Unladen)       3300 daN / 3900 daN         5.7       G radeability (laden / unladen)       16 % / 18 %         5.10       Service brake       Hydraulic         Engine         6.1       Drive motor rating 32 60 min       2.50 kW         6.2       Lift motor rating at S3 15%       11 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Lithium         6.4       Battery woltage / capacity       76.80 V / 230 Ah         6.5       Battery weight (+/- 5%)       185 kg         6.6       Energy consumption according to VDI cycle (kWh/h)       3.80 kWh/h				
4.34       Aisle width for 800 x 1200 pallet lengthways       Ast       3280 mm         4.35       Tuming radius       Wa       1470 mm         5.1       Travel speed (laden / unladen)       16 km/h-16 km/h         5.2       Lifting speed (laden / unladen)       0.45 m/s-0.60 m/s         5.3       Lowering speed (laden / unladen)       0.46 m/s-0.44 m/s         5.5       Drawbar pull (Laden / Unladen)       3300 daN / 3900 daN         5.7       Gradeability (laden / unladen)       16 % / 18 %         5.10       Service brake       Hydraulic         6.1       Drive motor rating S2 60 min       2.50 kW         6.2       Lift motor rating at S3 15%       11 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Lithium         6.4       Battery woltage / capacity       76.80 V / 230 Ah         6.5       Battery weight (+/- 5%)       185 kg         6.6       Energy consumption according to VDI cycle (kWh/h)       3.80 kWh/h				
4.35       Tuming radius       Wa       1470 mm         Performances         5.1       Travel speed (laden / unladen)       16 km/h-16 km/h         5.2       Lifting speed (laden / unladen)       0.45 m/s-0.60 m/s         5.3       Lowering speed (laden / Unladen)       3300 daN / 3900 daN         5.5       Drawbar pull (Laden / Unladen)       3300 daN / 3900 daN         5.7       Gradeability (laden / unladen)       16 % / 18 %         5.10       Service brake       Hydraulic         Engine         6.1       Drive motor rating \$2 60 min       2.50 kW         6.2       Lift motor rating at \$3 15%       11 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Lithium         6.4       Battery voltage / capacity       76.80 V / 230 Ah         6.5       Battery weight (+/- 5%)       185 kg         6.6       Energy consumption according to VDI cycle (kWh/h)       3.80 kWh/h				
Performances         16 km/h-16 km/h           5.1         Travel speed (laden / unladen)         16 km/h-16 km/h           5.2         Lifting speed (laden / unladen)         0.45 m/s-0.60 m/s           5.3         Lowering speed (laden / unladen)         0.46 m/s-0.44 m/s           5.5         Drawbar pull (Laden / Unladen)         3300 daN / 3900 daN           5.7         Gradeability (laden / unladen)         16 % / 18 %           5.10         Service brake         Hydraulic           Engine         Universal of the contracting \$2.50 kW           6.2         Lift motor rating \$2.50 min         2.50 kW           6.2         Lift motor rating at \$3.15%         11 kW           6.3         Battery according to DIN 43531/35/36 A, B, C         Lithium           6.4         Battery voltage / capacity         76.80 V / 230 Ah           6.5         Battery weight (+/- 5%)         185 kg           6.6         Energy consumption according to VDI cycle (kWh/h)         3.80 kWh/h				
5.1       Travel speed (laden / unladen)       16 km/h-16 km/h         5.2       Lifting speed (laden / unladen)       0.45 m/s-0.60 m/s         5.3       Lowering speed (laden / unladen)       0.46 m/s-0.44 m/s         5.5       Drawbar pull (Laden / Unladen)       3300 daN / 3900 daN         5.7       Gradeability (laden / unladen)       16 % / 18 %         5.10       Service brake       Hydraulic         6.1       Drive motor rating \$2 60 min       2.50 kW         6.2       Lift motor rating at \$3 15%       11 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Lithium         6.4       Battery voltage / capacity       76.80 V / 230 Ah         6.5       Battery weight (+/- 5%)       185 kg         6.6       Energy consumption according to VDI cycle (kWh/h)       3.80 kWh/h         Miscellaneous       Miscellaneous	4.35		Wa	1470 mm
5.2       Lifting speed (laden / unladen)       0.45 m/s-0.60 m/s         5.3       Lowering speed (laden / unladen)       0.46 m/s-0.44 m/s         5.5       Drawbar pull (Laden / Unladen)       3300 daN / 3900 daN         5.7       Gradeability (laden / unladen)       16 % / 18 %         5.10       Service brake       Hydraulic         Engine         6.1       Drive motor rating \$2 60 min       2.50 kW         6.2       Lift motor rating at \$3 15%       11 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Lithium         6.4       Battery voltage / capacity       76.80 V / 230 Ah         6.5       Battery weight (+/- 5%)       185 kg         6.6       Energy consumption according to VDI cycle (kWh/h)       3.80 kWh/h         Miscellaneous				
5.3       Lowering speed (laden / unladen)       0.46 m/s-0.44 m/s         5.5       Drawbar pull (Laden / Unladen)       3300 daN / 3900 daN         5.7       Gradeability (laden / unladen)       16 % / 18 %         5.10       Service brake       Hydraulic         Engine         6.1       Drive motor rating \$2 60 min       2.50 kW         6.2       Lift motor rating at \$3 15%       11 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Lithium         6.4       Battery voltage / capacity       76.80 V / 230 Ah         6.5       Battery weight (+/- 5%)       185 kg         6.6       Energy consumption according to VDI cycle (kWh/h)       3.80 kWh/h         Miscellaneous				
5.5       Drawbar pull (Laden / Unladen)       3300 daN / 3900 daN         5.7       Gradeability (laden / unladen)       16 % / 18 %         5.10       Service brake       Hydraulic         Engine         6.1       Drive motor rating \$2 60 min       2.50 kW         6.2       Lift motor rating at \$3 15%       11 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Lithium         6.4       Battery voltage / capacity       76.80 V / 230 Ah         6.5       Battery weight (+/- 5%)       185 kg         6.6       Energy consumption according to VDI cycle (kWh/h)       3.80 kWh/h         Miscellaneous				
5.7       Gradeability (laden / unladen)       16 % / 18 %         5.10       Service brake       Hydraulic         Engine         6.1       Drive motor rating \$2 60 min       2.50 kW         6.2       Lift motor rating at \$3 15%       11 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Lithium         6.4       Battery voltage / capacity       76.80 V / 230 Ah         6.5       Battery weight (+/- 5%)       185 kg         6.6       Energy consumption according to VDI cycle (kWh/h)       3.80 kWh/h         Miscellaneous		- , ,		
Engine       Hydraulic         6.1       Drive motor rating \$2.60 min       2.50 kW         6.2       Lift motor rating at \$3.15%       11 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Lithium         6.4       Battery voltage / capacity       76.80 V / 230 Ah         6.5       Battery weight (+/- 5%)       185 kg         6.6       Energy consumption according to VDI cycle (kWh/h)       3.80 kWh/h         Miscellaneous       Miscellaneous		. ,		
Engine         Common of the state of				
6.1       Drive motor rating \$2 60 min       2.50 kW         6.2       Lift motor rating at \$3 15%       11 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Lithium         6.4       Battery voltage / capacity       76.80 V / 230 Ah         6.5       Battery weight (+/- 5%)       185 kg         6.6       Energy consumption according to VDI cycle (kWh/h)       3.80 kWh/h         Miscellaneous	5.10			Hydraulic
6.2       Lift motor rating at \$3 15%       11 kW         6.3       Battery according to DIN 43531/35/36 A, B, C       Lithium         6.4       Battery voltage / capacity       76.80 V / 230 Ah         6.5       Battery weight (+/- 5%)       185 kg         6.6       Energy consumption according to VDI cycle (kWh/h)       3.80 kWh/h         Miscellaneous       Miscellaneous		Engine		
6.3       Battery according to DIN 43531/35/36 A, B, C       Lithium         6.4       Battery voltage / capacity       76.80 V / 230 Ah         6.5       Battery weight (+/- 5%)       185 kg         6.6       Energy consumption according to VDI cycle (kWh/h)       3.80 kWh/h         Miscellaneous	6.1	Drive motor rating S2 60 min		2.50 kW
6.4       Battery voltage / capacity       76.80 V / 230 Ah         6.5       Battery weight (+/- 5%)       185 kg         6.6       Energy consumption according to VDI cycle (kWh/h)       3.80 kWh/h         Miscellaneous	6.2	Lift motor rating at S3 15%		11 kW
6.5 Battery weight (+/- 5%) 6.6 Energy consumption according to VDI cycle (kWh/h) Miscellaneous 185 kg 3.80 kWh/h	6.3	Battery according to DIN 43531/35/36 A, B, C		Lithium
6.6 Energy consumption according to VDI cycle (kWh/h) 3.80 kWh/h  Miscellaneous 3.80 kWh/h	6.4	Battery voltage / capacity		76.80 V / 230 Ah
Miscellaneous	6.5	Battery weight (+/- 5%)		185 kg
Miscellaneous	6.6	Energy consumption according to VDI cycle (kWh/h)		3.80 kWh/h
8.2 Working hydraulic pressure for attachments 185 bar		Miscellaneous		
	8.2	Working hydraulic pressure for attachments		185 bar
8.3 Oil flow rate for attachments 30 l/min				
8.4 Sound level at the driver's ear according to DIN 12 053 70 dB				70 dB

#### ME 316 LIFT - Dimensional drawing



## Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 40	FVD 45
α - Mast/fork carriage tilt, forward	۰	7	7	7	7
β - Mast/fork carriage tilt, backward	۰	6	6	6	6
h1 - Mast lowered height	mm	1988	2138	2588	2838
h2 - Mast free lift	mm	140	140	140	140
h3 - Mast lifting height	mm	3000	3300	4000	4500
h4 - Mast extended height	mm	3560	3860	4560	5060
Residual capacity at max height	kg	1600	1600	1600	1500
Residual capacity with integrated side shift at max heigth	kg	1550	1550	1550	1450

Free Lift Triplex (FLT)		FLT 40	FLT 45	FLT 48	FLT 50	FLT 55	FLT 60	FLT 65
α - Mast/fork carriage tilt, forward °		3.50	3.50	6	3.50	3.50	3.50	3.50
β - Mast/fork carriage tilt, backward	۰	5	5	12	5	5	5	5
h1 - Mast lowered height	mm	1888	2038	1978	2213	2388	2588	2788
h2 - Mast free lift	mm	1292	1392	1492	1582	1792	1992	2192
h3 - Mast lifting height	mm	4000	4500	4800	5000	5500	6000	6500
h4 - Mast extended height	mm	4552	5052		5552	6052	6552	7052
Residual capacity at max height	kg	1600	1500	1450	1400	1250	1100	900
Residual capacity with integrated side shift at max heigth	kg	1550	1450	1400	1350	1200	1050	850

### **Equipment**

Standard	
Audio warning on reverse movements	
Battery - 35,3kWh - 76,8V - 460Ah - Lithium-ion	
Charger - 10kW- 32A - 380V - Lithium-ion - Three-phase	
Electric parking brake	
LED front right and left working lights (x2)	
Load backrest - width : 1200 mm - LB 1200	
Overhead guard with glass roof	
PVC mechanical suspension seat	
Panoramic inner rear view mirror	
Rear working light	

Optional
2 additional front working lights
3 way distributor with levers in line
4 way distributor with levers in line
Battery - 47kWh - 76.8V - 608Ah - Lithium
Charger - 20kW - 32A - 380V - Lithium-ion
Charger - 8kW - 32A - 380V - Lithium-ion
Closed cab
Hydraulic kit 3rd and 4th element
Mini levers
Open cab





#### **Head Office**

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