Technical sheet :



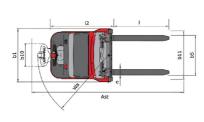


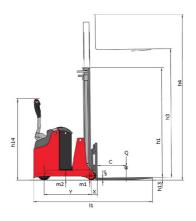


Ichnical characteristics     11   Manufacturer     12   Model Name     13   Power source     14   Operator type     15   Max. capacity     16   Load center of gravity     18   Distance from Load backrest to center of rear axle     19   Wheelbase     Wielpht   Service weight     Wheelbase   Weight     2.1   Service weight     Wheelbase   Number of load wheels / Size of load wheels     3.3   Number of front wheels / Size of load wheels     3.5.2   Number of front wheels / Size of drive wheels     3.5.2   Number of front wheels / Size of drive wheels     3.5.2   Number of front wheels / Size of drive wheels     3.5.2   Number of the wheels / Size of drive wheels     3.5.2   Number of the wheels / Size of drive wheels     3.5.2   Number of the wheels / Size of drive wheels     3.5.2   Number of the wheels / Size of drive wheels     3.5.2   Number of the wheels / Size of drive wheels     3.5.2   Number of the wheels / Size of drive wheels     3.5.2   Number of the drive wheels     3.5 </th <th></th> <th></th>		
1.2 Model Name   1.3 Power source   1.4 Operator type   1.5 Max. capacity   1.6 Load center of gravity   1.8 Distance from Load backrest to center of rear axle   1.9 Wheelbase   2.1 Service weight   3.3 Number of load wheels / Size of load wheels   3.3 Number of font wheels / Size of load wheels   3.5 Number of drive wheels / Size of drive wheels   3.7 Rear wheel gauge   0 Dimensions   4.19 Overall length   4.20 Length to face of forks   4.21 Fork section / width / length   4.22 Fork section / width / length   4.23 Fork carriage Width   4.31 Ground clearance below mast   4.32 Ground clearance below mast   4.33 Ground clearance below mast   4.34 Fork carriage width   5.3 Lowering speed (laden / unladen)   5.4 Lifting speed (laden / unladen)   5.5 Battery according S2 00 min   6.7 Drive motor rating S3 15%   6.3 Battery weight (+/ 5%) <b>Masterianseut</b> Engine   6.1 Drive whoot rating S2 00 min		Technical characteristics
1.3 Power source   1.4 Operator type   1.5 Max. capacity   1.6 Load center of gravity   1.8 Distance from Load backrest to center of rear axle   1.9 Wheelbase   Wight   2.1   Service weight   Mumber of load wheels / Size of load wheels   3.1 Tires type   3.3 Number of front wheels / rear wheels   3.5 Number of front wheels / Size of drive wheels   3.5 Number of drive wheels / Size of drive wheels   3.5 Number of drive wheels / Size of drive wheels   3.6 Number of drive wheels / Size of drive wheels   3.7 Rear wheel gauge   Dimension   415   Fork height in low position   4.15 Fork height in low position   4.20 Longth to face of forks   4.21 Overall length   4.22 Fork camage width   4.33 Ground clearance below mast   4.34 Ground clearance at center of wheelbase   4.35 Turning radius   4.34 Fork camage width   5.3 Lowering speed (laden / unladen)   5.4 Turning radius		
1.4 Operator type   1.5 Max. capacity   1.6 Load center of gravity   1.8 Distance from Load backrest to center of rear axle   1.9 Wheelbase   2.1 Service weight   2.1 Service weight   3.3 Number of load wheels / Size of load wheels   3.5 Number of dire wheels / Fear wheels   3.5 Number of dire wheels / Size of dire wheels   3.7 Rear wheel gauge   1 Dimensions   2 Dimensions   3.1 Fork height in low position   4.15 Fork keight in low position   4.19 Overall width   4.20 Length to face of forks   4.21 Overall width   4.22 Fork camiage lSO 2328 (class/form) A/B   4.23 Ground clearance elaw mast   4.31 Ground clearance elaw mast   4.32 Ground clearance elaw mast   4.33 Ground clearance elaw mast   4.34 Fork camiage width   4.35 Turning radius   4.36 Ground clearance elaw mast   5.37 Tarvel speed (laden / unladen)   5.4 Tarvel speed (laden / unladen)   5.5 Lift motor rating S2 60 min   6.6<		
1.5 Max. capacity   1.6 Load center of gravity   1.8 Distance from Load backrest to center of rear axle   1.9 Wheelbase   2.1 Service weight   2.1 Service weight   2.1 Service weight   2.1 Service weight   3.3 Number of load wheels / Size of load wheels   3.5 Number of front wheels / rear wheels   3.5.1 Number of drive wheels / Size of drive wheels   3.5.2 Number of drive wheels / Size of drive wheels   3.5.3 Number of drive wheels / Size of drive wheels   3.7 Rear wheel gauge   0 Dimension   4.15 Fork height in low position   4.10 Overall width   4.20 Length to face of forks   4.21 Overall width   4.22 Fork section / width / length   4.23 Ground clearance below mast   4.31 Ground clearance below mast   4.32 Ground clearance below mast   4.33 Lowering speed (laden / unladen)   5.4 Tavel speed (laden / unladen)   5.5 Lowering speed (laden / unladen)   5.6 Batery according to DIN 43531/35/36 A, B, C   6.1 Drive motor rating 35 15%		
1.6 Load center of gravity   1.8 Distance from Load backrest to center of rear axle   1.9 Wheelbase   2.1 Service weight   2.1 Service weight   3.1 Tires type   3.3 Number of load wheels / Size of load wheels   3.5 Number of front wheels / rear wheels   3.5 Number of drive wheels / Size of drive wheels   3.5 Number of drive wheels / Size of drive wheels   3.7 Rear wheel gauge   0Imensions Oternall length   4.15 Fork height in low position   4.19 Overall width   4.20 Length to face of forks   4.21 Overall width   4.22 Fork section / width / length   4.23 Fork carriage width   4.24 Fork carriage width   4.35 Turning radius   4.32 Ground clearance below mast   4.33 Ground clearance at center of wheelbase   5.1 Taxel speed (laden / unladen)   5.2 Lifting speed (laden / unladen)   5.3 Lowering speed (laden / unladen)   5.4 Batery according to DIN 43531/35/36 A, B, C   6.4 Batery voltage / capacity   6.3 Batery woltage / capacity   <	1.4	Operator type
1.8   Distance from Load backrest to center of rear axle     1.9   Wheelbase     1.9   Wheelbase     2.1   Service weight     Wheelb   Standard Sta	1.5	Max. capacity
1.9 Wheelbase   2.1 Service weight   Wheels   3.1 Tires type   3.3 Number of load wheels / Size of load wheels   3.5 Number of front wheels / Size of drive wheels   3.5 Number of front wheels / Size of drive wheels   3.5 Number of drive wheels / Size of drive wheels   3.5 Number of drive wheels / Size of drive wheels   3.7 Rear wheel gauge   Dimensions Image: Size of drive wheels   4.15 Fork height in low position   4.19 Overall length   4.20 Length to face of forks   2.21 Overall width   4.22 Fork carriage ISO 2328 (class/form) A/B   4.23 Fork carriage size of wheelbase   4.24 Fork carriage width   4.31 Ground clearance bactente of wheelbase   4.32 Ground clearance at centre of wheelbase   4.33 Turming radius   4.34 Forformanceat   5.3 Lowening speed (laden / unladen)   5.4 Service brake   5.1 Service brake   5.2 Lifting speed (laden / unladen)   5.3 Lowening S2 60 min   6.4 Battery woltagi / Capacity   6.3 Battery woltagi	1.6	Load center of gravity
Weight     2.1   Service weight     Wheels   Ites type     3.1   Tires type     3.3   Number of load wheels / Size of load wheels     3.5   Number of font wheels / rear wheels     3.5   Number of drive wheels / Size of drive wheels     3.7   Rear wheel gauge     Dimensions   Dimensions     4.15   Fork height in low position     4.19   Overall length     4.20   Length to face of forks     4.21   Overall width / length     4.22   Fork section / width / length     4.23   Fork carriage sol 2328 (class/form) A/B     4.24   Fork carriage width     4.31   Ground clearance below mast     4.32   Ground clearance at centre of wheelbase     4.34   Ground clearance below mast     4.35   Turming radius     4.36   Lifting speed (laden / unladen)     5.1   Tavei speed (laden / unladen)     5.2   Lifting speed (laden / unladen)     5.3   Lowening speed (laden / unladen)     5.4   Service brake     6.7   Drive motor rating 32 50 min <	1.8	Distance from Load backrest to center of rear axle
2.1   Service weight     Wheels     3.1   Tires type     3.3   Number of load wheels / Size of load wheels     3.5   Number of trint wheels / Size of drive wheels     3.5   Number of drive wheels / Size of drive wheels     3.7   Rear wheel gauge     Dimensions   Overall length     4.15   Fork height in low position     0.12   Overall width     4.20   Length to face of forks     4.21   Overall width     4.22   Fork section / width / length     4.23   Fork carriage ISO 2328 (class/form) A/B     4.24   Fork carriage ISO 2328 (class/form) A/B     4.25   Ground clearance below mast     4.31   Ground clearance at centre of wheelbase     4.32   Bround clearance at centre of wheelbase     4.33   Turwing radius     4.34   Performances     5.1   Tarkel speed (laden / unladen)     5.2   Lifting speed (laden / unladen)     5.3   Lowering S2 60 min     5.4   Drive motor rating S2 60 min     6.2   Lift motor rating S2 60 min     6.3   Batte	1.9	Wheelbase
Wheels     3.1   Tires type     3.3   Number of food wheels / Size of load wheels     3.5   Number of fort wheels / Far wheels     3.5.2   Number of fort wheels / Size of drive wheels     3.7   Rear wheel gauge     Dimensions     4.15   Fork height in low position     4.19   Overall length     4.20   Length to face of forks     4.21   Overall width     4.22   Fork section / width / length     4.23   Fork carriage lSO 2328 (class/form) A/B     4.24   Fork carriage width     4.31   Ground clearance below mast     4.32   Ground clearance at centre of wheelbase     4.35   Tuming radius     4.9   Height tiller min. / max.     Performances   Itravel speed (laden / unladen)     5.3   Lowering speed (laden / unladen)     5.4   Drive motor rating S2 60 min     6.2   Lift motor rating S2 60 min     6.3   Battery weight (+/ 5%)     6.4   Battery weight (+/ 5%)     6.5   Battery weight (+/ 5%)     6.5   Battery weight (+/ 5%)		Weight
3.1   Tires type     3.3   Number of load wheels / Size of load wheels     3.5   Number of front wheels / Size of drive wheels     3.5.2   Number of drive wheels / Size of drive wheels     3.7   Rear wheel gauge     Uimersions     4.15   Fork height in low position     4.19   Overall width     4.20   Length to face of forks     4.21   Overall width     4.22   Fork section / width / length     4.23   Fork carriage ISO 2328 (class/form) A/B     4.24   Fork carriage width     4.31   Ground clearance at centre of wheelbase     4.35   Turning radius     4.36   Turning radius     4.37   Height tiller min. / max.     Performances   Ifting speed (laden / unladen)     5.3   Lovering speed (laden / unladen)     5.4   Battery woltage / capacity     6.3	2.1	Service weight
3.3 Number of load wheels / Size of load wheels   3.5 Number of front wheels / rear wheels   3.5.2 Number of drive wheels / Size of drive wheels   3.7 Rear wheel gauge   Dimensions   4.15 Fork height in low position   0.0 Length to face of forks   4.20 Length to face of forks   4.21 Overall width   4.22 Fork section / width / length   4.23 Fork carniage ISO 2328 (class/form) A/B   4.24 Fork carniage width   4.31 Ground clearance at centre of wheelbase   4.32 Ground clearance at centre of wheelbase   4.33 Turning radius   4.9 Height tiller min. / max.   Performances Lowering speed (laden / unladen)   5.3 Lowering speed (laden / unladen)   5.4 Drive motor rating S2 60 min   6.1 Drive motor rating S2 60 min   6.2 Lift motor rating S3 15%   6.3 Battery weight (+/- 5%)   6.4 Battery weight (+/- 5%)   Miscellaneous Miscellaneous		Wheels
3.5   Number of front wheels / Size of drive wheels     3.7   Rear wheel gauge     0imensions   0imensions     4.15   Fork height in low position     4.19   Overall length     4.20   Length to face of forks     4.21   Overall width     4.22   Fork section / width / length     4.23   Fork carriage ISO 2328 (class/form) A/B     4.24   Fork carriage width     4.31   Ground clearance below mast     4.32   Ground clearance at centre of wheelbase     4.35   Turning radius     4.36   Turning radius     4.37   Travel speed (laden / unladen)     5.3   Lowering speed (laden / unladen)     5.4   Bartery actage at 35 %     5.10   Service brake     6.11   Drive motor rating 32 50 min     6.2   Lift motor rating 32 5%     6.3   Battery voltage / capacity     6.5   Battery weight (+/- 5%)     6.5   Battery weight (+/- 5%)     6.5   Battery weight (+/- 5%)	3.1	Tires type
3.5.2 Number of drive wheels / Size of drive wheels   3.7 Rear wheel gauge   Jimensions Jimensions   4.15 Fork height in low position   4.19 Overall length   4.20 Length to face of forks   4.21 Overall width   4.22 Forks section / width / length   4.23 Fork carriage ISO 2328 (class/form) A/B   4.24 Fork carriage width   4.31 Ground clearance below mast   4.32 Ground clearance at centre of wheelbase   4.33 Turning radius   4.34 Performances   5.1 Travel speed (laden / unladen)   5.2 Lifting speed (laden / unladen)   5.3 Lowering speed (laden / unladen)   5.4 Drive motor rating 32 50 min   6.1 Drive motor rating 32 50 min   6.2 Lift motor rating 32 50 min   6.3 Battery voltage / capacity   6.4 Battery voltage / capacity   6.5 Battery weight (+/- 5%)   Miscellaneous Miscellaneous	3.3	Number of load wheels / Size of load wheels
3.7 Rear wheel gauge   Dimensions   4.15 Fork height in low position   4.19 Overall length   4.20 Length to face of forks   4.21 Overall width   4.22 Forks section / width / length   4.23 Fork carriage ISO 2328 (class/form) A/B   4.24 Fork carriage width   4.31 Ground clearance below mast   4.32 Ground clearance at centre of wheelbase   4.33 Turning radius   4.34 Fork carriage width   4.35 Turning radius   4.36 Turning radius   4.37 Ground clearance at centre of wheelbase   4.38 Turning radius   4.39 Height tiller min. / max.   Performances Intravel speed (laden / unladen)   5.2 Lifting speed (laden / unladen)   5.3 Lowering speed (laden / unladen)   5.4 Service brake   6.1 Drive motor rating 32 50 min   6.2 Lift motor rating 32 50 min   6.3 Battery according to DIN 43531/35/36 A, B, C   6.4 Battery voltage / capacity   6.5 Battery weight (+/- 5%)   Miscellaneous Miscellaneous	3.5	Number of front wheels / rear wheels
Dimensions     4.15   Fork height in low position     4.19   Overall length     4.20   Length to face of forks     4.21   Overall width     4.22   Fork section / width / length     4.23   Fork carriage ISO 2328 (class/form) A/B     4.24   Fork carriage width     4.31   Ground clearance below mast     4.32   Goround clearance at centre of wheelbase     4.35   Turning radius     4.9   Height tiller min. / max.     Performances   Performances     5.1   Travel speed (laden / unladen)     5.2   Lifting speed (laden / unladen)     5.3   Lowering speed (laden / unladen)     5.4   Service brake     6.1   Drive motor rating S2 60 min     6.2   Lift motor rating at S3 15%     6.3   Battery woltage / capacity     6.4   Battery voltage / capacity     6.5   Battery weight (+/- 5%)     Miscellaneous   Miscellaneous	3.5.2	Number of drive wheels / Size of drive wheels
4.15Fork height in low position4.19Overall length4.20Length to face of forks4.21Overall width4.22Fork section / width / length4.23Fork carriage ISO 2328 (class/form) A/B4.24Fork carriage width4.31Ground clearance below mast4.32Ground clearance to the wheelbase4.33Tuming radius4.34Height tiller min. / max.4.35Tuming radius5.1Tavel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Service brake6.1Dirive motor rating S2 60 min6.2Lift motor rating S2 60 min6.3Battery vacording to DIN 43531/35/36 A, B, C6.4Battery voltage / capacity6.5Battery weight (+/- 5%)8.1Type of drive control	3.7	Rear wheel gauge
4.19Overall length4.20Length to face of forks4.21Overall width4.22Forks section / width / length4.23Fork carriage ISO 2328 (class/form) A/B4.24Fork carriage width4.31Ground clearance below mast4.32Ground clearance at centre of wheelbase4.33Turning radius4.9Height tiller min. / max.Performances5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Service brakeEngine6.1Drive motor rating S2 60 min6.2Lift motor rating S2 60 min6.3Battery according to DIN 43531/35/36 A, B, C6.4Battery voltage / capacity6.5Battery weight (+/- 5%)8.1Type of drive control		Dimensions
4.20Length to face of forks4.21Overall width4.22Forks section / width / length4.23Fork carriage ISO 2328 (class/form) A/B4.24Fork carriage width4.31Ground clearance below mast4.32Ground clearance at centre of wheelbase4.35Turning radius4.9Height tiller min. / max.Performances5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Service brakeEngine6.1Drive motor rating S2 60 min6.2Lift motor rating at S3 15%6.3Battery according to DIN 43531/35/36 A, B, C6.4Battery voltage / capacity6.5Battery weight (+/- 5%)8.1Type of drive control	4.15	Fork height in low position
4.21Overall width4.22Forks section / width / length4.23Fork carriage ISO 2328 (class/form) A/B4.24Fork carriage width4.31Ground clearance below mast4.32Ground clearance at centre of wheelbase4.35Turning radius4.9Height tiller min. / max.Performances5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Service brakeEngine6.1Drive motor rating S2 60 min6.2Lift motor rating at S3 15%6.3Battery according to DIN 43531/35/36 A, B, C6.4Battery voltage / capacity6.5Battery weight (+/- 5%)8.1Type of drive control	4.19	Overall length
4.22Forks section / width / length4.23Fork carriage ISO 2328 (class/form) A/B4.24Fork carriage width4.31Ground clearance below mast4.32Ground clearance at centre of wheelbase4.35Turning radius4.39Height tiller min. / max.Performances5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Service brake6.1Service brake6.2Lift motor rating S2 60 min6.2Lift motor rating at S3 15%6.3Battery voltage / capacity6.5Battery weight (+/- 5%)8.1Type of drive control	4.20	Length to face of forks
4.23Fork carriage ISO 2328 (class/form) A/B4.24Fork carriage width4.31Ground clearance below mast4.32Ground clearance at centre of wheelbase4.35Turning radius4.9Height tiller min. / max.Performances5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Service brakeEngineEngine6.1Drive motor rating S2 60 min6.2Lift motor rating at S3 15%6.3Battery voltage / capacity6.5Battery weight (+/- 5%)8.1Type of drive control	4.21	Overall width
4.24Fork carriage width4.31Ground clearance below mast4.32Ground clearance at centre of wheelbase4.35Turning radius4.9Height tiller min. / max.Performances5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Service brakeEngine6.1Drive motor rating \$2 60 min6.2Lift motor rating at \$3 15%6.3Battery according to DIN 43531/35/36 A, B, C6.4Battery voltage / capacity6.5Battery weight (+/- 5%)Miscellaneous8.1Type of drive control	4.22	Forks section / width / length
4.31Ground clearance below mast4.32Ground clearance at centre of wheelbase4.35Turning radius4.9Height tiller min. / max.Performances5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Max Gradeability (laden / unladen)5.8Max Gradeability (laden / unladen)5.10Service brakeEngine6.1Drive motor rating S2 60 min6.2Lift motor rating at S3 15%6.3Battery according to DIN 43531/35/36 A, B, C6.4Battery voltage / capacity6.5Battery weight (+/- 5%)Miscellaneous8.1Type of drive control	4.23	Fork carriage ISO 2328 (class/form) A/B
4.32Ground clearance at centre of wheelbase4.35Turning radius4.9Height tiller min. / max.Performances5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Max Gradeability (laden / unladen)5.8Max Gradeability (laden / unladen)5.10Service brakeEngine6.1Drive motor rating \$2 60 min6.2Lift motor rating at \$3 15%6.3Battery according to DIN 43531/35/36 A, B, C6.4Battery voltage / capacity6.5Battery weight (+/- 5%)Miscellaneous8.1Type of drive control	4.24	Fork carriage width
4.35Turning radius4.9Height tiller min. / max.Performances5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Max Gradeability (laden / unladen)5.8Max Gradeability (laden / unladen)5.10Service brake6.1Drive motor rating \$2 60 min6.2Lift motor rating at \$3 15%6.3Battery according to DIN 43531/35/36 A, B, C6.4Battery voltage / capacity6.5Battery weight (+/- 5%)Miscellaneous8.1Type of drive control	4.31	Ground clearance below mast
4.9Height tiller min. / max.Performances5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Max Gradeability (laden / unladen)5.8Max Gradeability (laden / unladen)5.10Service brakeEngine6.1Drive motor rating S2 60 min6.2Lift motor rating at S3 15%6.3Battery according to DIN 43531/35/36 A, B, C6.4Battery voltage / capacity6.5Battery weight (+/- 5%)Miscellaneous8.1Type of drive control	4.32	Ground clearance at centre of wheelbase
Performances     5.1   Travel speed (laden / unladen)     5.2   Lifting speed (laden / unladen)     5.3   Lowering speed (laden / unladen)     5.4   Max Gradeability (laden / unladen)     5.7   Service brake     Engine   Engine     6.1   Drive motor rating \$2 60 min     6.2   Lift motor rating at \$3 15%     6.3   Battery according to DIN 43531/35/36 A, B, C     6.4   Battery voltage / capacity     6.5   Battery weight (+/- 5%)     Miscellaneous   Miscellaneous     8.1   Type of drive control	4.35	Turning radius
5.1Travel speed (laden / unladen)5.2Lifting speed (laden / unladen)5.3Lowering speed (laden / unladen)5.4Max Gradeability (laden / unladen)5.10Service brakeEngine6.1Drive motor rating S2 60 min6.2Lift motor rating at S3 15%6.3Battery according to DIN 43531/35/36 A, B, C6.4Battery voltage / capacity6.5Battery weight (+/- 5%)Miscellaneous8.1Type of drive control	4.9	Height tiller min. / max.
5.2 Lifting speed (laden / unladen)   5.3 Lowering speed (laden / unladen)   5.8 Max Gradeability (laden / unladen)   5.10 Service brake   Engine   6.1 Drive motor rating S2 60 min   6.2 Lift motor rating at S3 15%   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		Performances
5.3 Lowering speed (laden / unladen)   5.8 Max Gradeability (laden / unladen)   5.10 Service brake   Engine   6.1 Drive motor rating S2 60 min   6.2 Lift motor rating at S3 15%   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	5.1	Travel speed (laden / unladen)
5.8 Max Gradeability (laden / unladen)   5.10 Service brake   Engine 6.1   6.1 Drive motor rating S2 60 min   6.2 Lift motor rating at S3 15%   6.3 Battery according to DIN 43531/35/36 A, B, C   6.4 Battery voltage / capacity   6.5 Battery weight (+/- 5%)   Miscellaneous 1   8.1 Type of drive control	5.2	Lifting speed (laden / unladen)
5.10 Service brake   Engine   6.1 Drive motor rating S2 60 min   6.2 Lift motor rating at S3 15%   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	5.3	Lowering speed (laden / unladen)
Engine   6.1 Drive motor rating S2 60 min   6.2 Lift motor rating at S3 15%   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	5.8	Max Gradeability (laden / unladen)
6.1 Drive motor rating S2 60 min   6.2 Lift motor rating at S3 15%   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	5.10	Service brake
6.2 Lift motor rating at S3 15%   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		Engine
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	6.1	Drive motor rating S2 60 min
6.4 Battery voltage / capacity   6.5 Battery weight (+/- 5%)   Miscellaneous   8.1 Type of drive control	6.2	Lift motor rating at S3 15%
6.5 Battery weight (+/- 5%)   Miscellaneous   8.1 Type of drive control	6.3	Battery according to DIN 43531/35/36 A, B, C
Miscellaneous       8.1     Type of drive control	6.4	Battery voltage / capacity
8.1 Type of drive control	6.5	Battery weight (+/- 5%)
		Miscellaneous
8.4 Sound level at the driver's ear according to DIN 12 053	8.1	Type of drive control
	8.4	Sound level at the driver's ear according to DIN 12 053

ES-C 504	Created on May 13, 2024 at 5:43:38 PM UTC
	Metric
	Manitou
	ES 504 GPF
	Electrical
	Pedestrian
Q	400 kg
С	400 mm
x	96 mm
у	817 mm
	1120 kg
	Polyurethane
	2 / 150x70
	1/2
	1/230x70
b11	826 mm
h13	35 mm
n13  1	35 mm 1898 mm
12	1098 mm
12 b1	923 mm
s/e/l	30 mm / 60 mm / 800 mm
3/6/1	2B
b3	750 mm
m1	60 mm
m2	69 mm
Wa	1220 mm
h14 / h14	830 mm / 1385 mm
	4.50 km/h / 4.50 km/h
	0.30 m/s / 0.18 m/s
	0.22 m/s / 0.27 m/s
	7 % / 10 %
	Electro magnetic
	1.50 kW
	3 kW
	DIN 43535-B
	24 V / 180 Ah
	189 kg
	AC
	65 dB

## ES-C 504 - Dimensional drawing





## Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1931	2181
h2 - Mast free lift	mm	1420	1670
h3 - Mast lifting height	mm	1420	1670
h4 - Mast extended height	mm	2070	2320
Residual capacity at max height	kg	400	400

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
h1 - Mast lowered height	mm	1931	2181	2381
h3 - Mast lifting height	mm	2850	3350	3750
h4 - Mast extended height	mm	3500	4000	4400
Residual capacity at max height	kg	400	400	300

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1931	2181
h2 - Mast free lift	mm	1420	1670
h3 - Mast lifting height	mm	2850	3355
h4 - Mast extended height	mm	3500	4000
Residual capacity at max height	kg	400	400

Free Lift Triplex (FLT)		FLT 42
h1 - Mast lowered height	mm	1956
h2 - Mast free lift	mm	1380
h3 - Mast lifting height	mm	4160
h4 - Mast extended height	mm	4810
Residual capacity at max height	kg	200



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