Technical sheet :



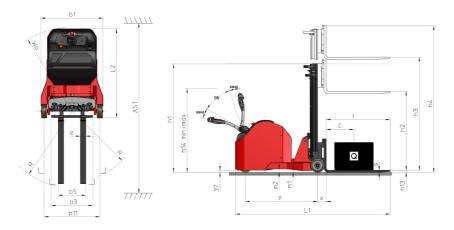




| | Technical characteristics |
|-------|---|
| 1.1 | Manufacturer |
| 1.2 | Model Name |
| 1.3 | Power source |
| 1.4 | Operator type |
| 1.5 | Max. capacity |
| 1.6 | Load center of gravity |
| 1.8 | Distance from Load backrest to center of rear axle |
| 1.9 | Wheelbase |
| | Weight |
| 2.1 | Service weight |
| 2.2 | Weight on front axle (laden) / rear axle (laden) |
| 2.3 | Weight on front axle (Unladen) / rear axle (Unladen) |
| | Wheels |
| 3.1 | Tires type |
| 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 |
| 0.7 | 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 |
| 4.24 | Fork carriage width |
| 4.31 | Ground clearance below mast |
| 4.32 | Ground clearance at centre of wheelbase |
| 4.33 | Aisle Width for pallets 1000 x 1200 crossways |
| 4.34 | Aisle width for 800 x 1200 pallet lengthways |
| 4.34 | Tuming radius |
| 4.9 | Height tiller min. / max. |
| 4.7 | Performances |
| 5.1 | Travel speed (laden / unladen) |
| 5.2 | Lifting speed (laden / unladen) |
| 5.3 | Lowering speed (laden / unladen) |
| 5.8 | Max Gradeability (laden / unladen) |
| 5.10 | Service brake |
| 0.10 | 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 | |
| 0.0 | Battery weight (+/- 5%) Miscellaneous |
| 9.1 | |
| 8.1 | Type of drive control |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 |

| ES-C 7 | T∃ Created on August 1, 2025 at 5:59 PM UTC | | | | | |
|-----------|---|--|--|--|--|--|
| Metric | | | | | | |
| | Manitou | | | | | |
| | ES-C 713 | | | | | |
| | Electrical | | | | | |
| | Pedestrian | | | | | |
| Q | 1300 kg | | | | | |
| С | 500 mm | | | | | |
| x | 157 mm | | | | | |
| у | 1200 mm | | | | | |
| , | | | | | | |
| | 2200 kg | | | | | |
| | 450 kg / 3050 kg | | | | | |
| | 1150 kg / 1050 kg | | | | | |
| | ······································ | | | | | |
| | Polyurethane | | | | | |
| | 2 / 250x100 | | | | | |
| | 1/2 | | | | | |
| | 1/254x100 | | | | | |
| b11 | 1003 mm | | | | | |
| DII | 1003 1111 | | | | | |
| h13 | 45 mm | | | | | |
| 11 | 2690 mm | | | | | |
| 12 | 1540 mm | | | | | |
| b1 | 1120 mm | | | | | |
| s/e/l | 40 mm / 100 mm / 1150 mm | | | | | |
| b3 | 750 mm | | | | | |
| m1 | 31 mm | | | | | |
| m2 | 62 mm | | | | | |
| Ast | 3028 mm | | | | | |
| Ast | 3136 mm | | | | | |
| Wa | 1560 mm | | | | | |
| 114 / h14 | 1005 mm / 1405 mm | | | | | |
| 114/1114 | 1003 mm / 1403 mm | | | | | |
| | 6 km/h / 6 km/h | | | | | |
| | 0.11 m/s / 0.20 m/s | | | | | |
| | 0.11 m/s / 0.20 m/s 0.22 m/s / 0.21 m/s | | | | | |
| | 5 % / 8 % | | | | | |
| | | | | | | |
| | Electro magnetic | | | | | |
| | 0 LW | | | | | |
| | 2 kW | | | | | |
| | 4 kW | | | | | |
| | DIN 43535-B | | | | | |
| | 24 V / 315 Ah | | | | | |
| | 275 kg | | | | | |
| | | | | | | |
| | DC | | | | | |
| | 65 dB | | | | | |
| | | | | | | |

ES-C 713 - Dimensional drawing



Characteristics of masts and residual capacities

| Central Cylinder Simplex (CCS) | | CCS 15 | CCS 17 |
|---|----|--------|--------|
| a - Mast/fork carriage tilt, forward | ٥ | 4 | 4 |
| β - Mast/fork carriage tilt, backward | ٥ | 6 | 6 |
| h1 - Mast lowered height | mm | 1955 | 2205 |
| h2 - Mast free lift | mm | 1465 | 1715 |
| h3 - Mast lifting height | mm | 1465 | 1715 |
| h4 - Mast extended height | mm | 2030 | 2280 |
| Residual capacity at max height | kg | 1300 | 1300 |

| Full Visibility Duplex (FVD) | | FVD 29 | FVD 34 | FVD 38 |
|--------------------------------------|----|--------|--------|--------|
| α - Mast/fork carriage tilt, forward | ۰ | 3 | 3 | 3 |
| h1 - Mast lowered height | mm | 1955 | 2205 | 2405 |
| h3 - Mast lifting height | mm | 2890 | 3390 | 3790 |
| h4 - Mast extended height | mm | 3455 | 3955 | 4355 |
| Residual capacity at max height | kg | 1300 | 1300 | 1100 |

| Free Lift Duplex (FLD) | | FLD 29 | FLD 34 |
|---|----|--------|--------|
| a - Mast/fork carriage tilt, forward | ۰ | 4 | 4 |
| β - Mast/fork carriage tilt, backward | ٥ | 6 | 6 |
| h1 - Mast lowered height | mm | 1955 | 2205 |
| h2 - Mast free lift | mm | 1465 | 1715 |
| h3 - Mast lifting height | mm | 2890 | 3390 |
| h4 - Mast extended height | mm | 3455 | 3955 |
| Residual capacity at max height | kg | 1300 | 1300 |

| Free Lift Triplex (FLT) | | FLT 42 | FLT 47 | FLT 54 |
|---------------------------------------|----|--------|--------|--------|
| α - Mast/fork carriage tilt, forward | ٥ | 4 | 4 | 4 |
| β - Mast/fork carriage tilt, backward | ٥ | 6 | 6 | 6 |
| h1 - Mast lowered height | mm | 1915 | 2075 | 2315 |
| h2 - Mast free lift | mm | 1425 | 1585 | 1835 |
| h3 - Mast lifting height | mm | 4205 | 4685 | 5415 |
| h4 - Mast extended height | mm | 4770 | 5250 | 5980 |
| Residual capacity at max height | | 900 | 700 | 500 |



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