Technical sheet :





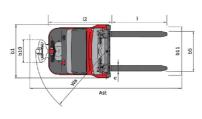


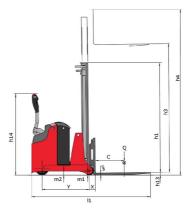
| | Technical characteristics | |
|-------|---|---------|
| 1.1 | Manufacturer | |
| 1.2 | Model Name | |
| 1.3 | Power source | |
| 1.4 | Operator type | |
| 1.5 | Max. capacity | Q |
| 1.6 | Load center of gravity | c |
| 1.8 | Distance from Load backrest to center of rear axle | х |
| 1.9 | Wheelbase | у |
| | 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 | b11 |
| 0.7 | Dimensions | 511 |
| 4.15 | Fork height in low position | h13 |
| 4.19 | Overall length | 11 |
| 4.20 | Length to face of forks | 12 |
| 4.20 | Overall width | b1 |
| 4.22 | Forks section / width / length | s/e/ |
| 4.23 | Fork carriage ISO 2328 (class/form) A/B | 3707 |
| 4.24 | Fork carriage width | b3 |
| 4.31 | Ground clearance below mast | m1 |
| 4.32 | Ground clearance at centre of wheelbase | m2 |
| 4.35 | Tuming radius | Wa |
| 4.9 | Height tiller min. / max. | h14 / h |
| | 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 | |
| | 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 | |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 | |
| | 5 | |

| ES-C 507 Created on 15 May 2024 at 11:36:57 PM UTC | | | |
|--|-----------------------|--|--|
| | Metric | | |
| | Manitou | | |
| | ES 507 GPF - ES-C 507 | | |
| | Electrical | | |
| | Pedestrian | | |
| Q | 700 kg | | |
| с | 400 mm | | |
| x | 101 mm | | |

| | Pedestrian | | |
|-----------|------------------------|--|--|
| Q | 700 kg | | |
| С | 400 mm | | |
| х | 101 mm | | |
| у | 932 mm | | |
| | | | |
| | 1250 kg | | |
| | 1893 kg / 307 kg | | |
| | 820 kg / 680 kg | | |
| | | | |
| | Polyurethane | | |
| | 2 / 150x70 | | |
| | 1 / 2 | | |
| | 1/230x70 | | |
| b11 | 826 mm | | |
| | | | |
| h13 | 35 mm | | |
| 11 | 2013 mm | | |
| 12 | 1213 mm | | |
| b1 | 923 mm | | |
| s / e / l | 30 mm / 90 mm / 800 mm | | |
| | 2B | | |
| b3 | 750 mm | | |
| m1 | 60 mm | | |
| m2 | 69 mm | | |
| Wa | 1335 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 507 - 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 | 700 | 700 |

| 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 | 700 | 700 | 600 |

| 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 | 700 | 700 |

| 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 | 500 |



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