Technical sheet:

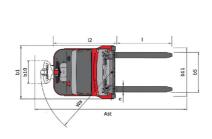
ES-C 507

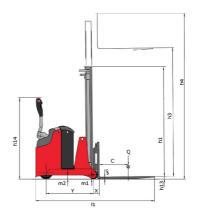




| | | 22 2 2 2 3 6 10 | ateu on August 11, 2025 at 2.39 AM |
|------|--|-----------------|------------------------------------|
| | Technical characteristics | | Metric |
| 1.1 | Manufacturer | | Manitou |
| 1.2 | Model Name | | ES-C 507 |
| 1.3 | Power source | | Electrical |
| 1.4 | Operator type | | Pedestrian |
| 1.5 | Max. capacity | Q | 700 kg |
| 1.6 | Load center of gravity | c | 400 mm |
| 1.8 | Distance from Load backrest to center of rear axle | X | 96 mm |
| 1.9 | Wheelbase | у | 932 mm |
| | Weight | | |
| 2.1 | Service weight | | 1250 kg |
| 2.2 | Weight on front axle (laden) / rear axle (laden) | | 1893 kg / 307 kg |
| 2.3 | Weight on front axle (Unladen) / rear axle (Unladen) | | 820 kg / 680 kg |
| | Wheels | | |
| 3.1 | Tires type | | Polyurethane |
| 3.3 | Number of load wheels / Size of load wheels | | 2 / 150x70 |
| 3.5 | Number of front wheels / rear wheels | | 1/2 |
| .5.2 | Number of drive wheels / Size of drive wheels | | 1/230x70 |
| 3.7 | Rear wheel gauge | b11 | 826 mm |
| 0.7 | Dimensions | 5 | 320 |
| 1.15 | Fork height in low position | h13 | 35 mm |
| 1.19 | Overall length | I1 | 2015 mm |
| 1.20 | Length to face of forks | 12 | 1215 mm |
| 1.21 | Overall width | b1 | 923 mm |
| 1.22 | Forks section / width / length | s / e / l | 30 mm / 100 mm / 800 mm |
| 1.23 | Fork carriage ISO 2328 (class/form) A/B | 37 671 | 2B |
| 1.24 | Fork carriage width | b3 | 750 mm |
| 1.31 | Ground clearance below mast | m1 | 60 mm |
| 1.32 | Ground clearance at centre of wheelbase | m2 | 69 mm |
| 1.33 | Aisle Width for pallets 1000 x 1200 crossways | Ast | 2717 mm |
| 1.34 | Aisle width for 800 x 1200 pallet lengthways | Ast | 2820 mm |
| 1.35 | Turning radius | Wa | 1130 mm |
| 4.9 | Height tiller min. / max. | h14 / h14 | 830 mm / 1385 mm |
| 4.5 | Performances | 11147 1114 | 030 11111 / 1303 11111 |
| 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 |
| 5.10 | Engine | | Liectio magnetic |
| 6.1 | Drive motor rating \$2 60 min | | 1.50 kW |
| 6.2 | Lift motor rating at S3 15% | | 3 kW |
| 6.3 | - | | DIN 43535-B |
| 6.4 | Battery according to DIN 43531/35/36 A, B, C | | |
| | Battery voltage / capacity | | 24 V / 180 Ah |
| 6.5 | Battery weight (+/- 5%) | | 175 kg |
| 0.1 | Miscellaneous | | |
| 8.1 | Type of drive control | | AC 65 dB |

ES-C 507 - Dimensional drawing





Characteristics of masts and residual capacities

| Central Cylinder Simplex (CCS) | | CCS 15 | CCS 17 |
|---------------------------------------|----|--------|--------|
| α - Mast/fork carriage tilt, forward | ۰ | 4 | 4 |
| β - Mast/fork carriage tilt, backward | ۰ | 6 | 6 |
| 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 |
|---------------------------------------|----|--------|--------|--------|
| α - Mast/fork carriage tilt, forward | ۰ | 4 | 4 | 4 |
| β - Mast/fork carriage tilt, backward | ٠ | 6 | 6 | 6 |
| 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 | ka | 700 | 700 | 600 |

| Free Lift Duplex (FLD) | | FLD 29 | FLD 34 |
|---------------------------------------|----|--------|--------|
| α - Mast/fork carriage tilt, forward | ۰ | 4 | 4 |
| β - Mast/fork carriage tilt, backward | ۰ | 6 | 6 |
| 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 |
|---------------------------------------|----|--------|
| α - Mast/fork carriage tilt, forward | ۰ | 4 |
| β - Mast/fork carriage tilt, backward | ٠ | 6 |
| 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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