

Technical sheet :

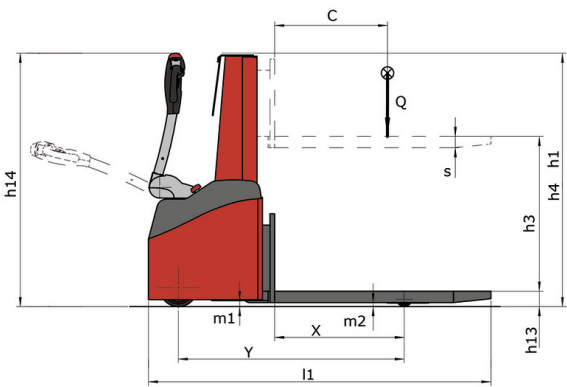
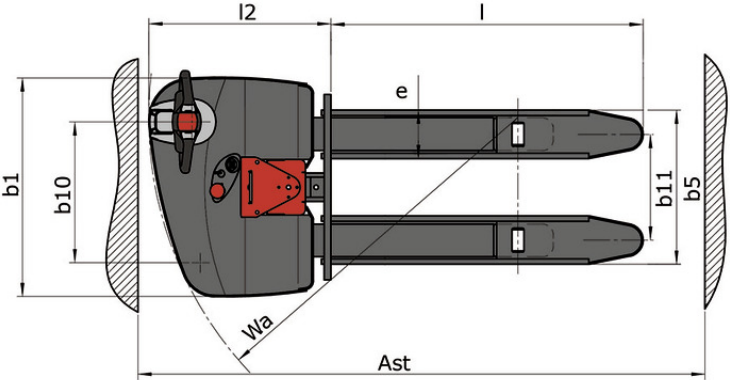
STACKY 14



 **MANITOU**
HANDLING YOUR WORLD

| | Technical characteristics | | Metric |
|-------|---|-----------|--------------------------|
| 1.1 | Manufacturer | | Manitou |
| 1.2 | Model Name | | Stacky 14 |
| 1.3 | Power source | | Electrical |
| 1.4 | Operator type | | Pedestrian |
| 1.5 | Max. capacity | Q | 1400 kg |
| 1.6 | Load center of gravity | c | 600 mm |
| 1.8 | Load distance, centre of drive axle to fork | x | 689 mm |
| 1.9 | Wheelbase | y | 1200 mm |
| | Weight | | |
| 2.1 | Overall weight without tools | | 442 kg |
| | Wheels | | |
| 3.1 | Tires type | | Polyurethane |
| 3.5.2 | Number of drive wheels - Size of drive wheels | | 1 x 200x80 |
| 3.3 | Number of load wheels - Size of load wheels | | 2 x 78x78 |
| 3.4 | Number of castor wheels | | 1 |
| 3.4 | Number of stabilizer wheels / Size of the stabilizer wheels | | 1 x 125x50 |
| 3.5 | Number of front wheels / rear wheels | | 1 / 2 |
| 3.6 | Front wheel gauge | b10 | 517 mm |
| 3.7 | Rear wheel gauge | b11 | 388 mm |
| | Dimensions | | |
| 4.2 | Mast lowered height | h1 | 1331 mm |
| 4.5 | Mast extended height | h4 | 1331 mm |
| 4.9 | Height tiller min. / max. | h14 / h14 | 850 mm / 1350 mm |
| 4.15 | Fork height in low position | h13 | 80 mm |
| 4.19 | Overall length | l1 | 1820 mm |
| 4.20 | Length to face of forks | l2 | 680 mm |
| 4.21 | Overall width | b1 | 806 mm |
| 4.22 | Forks section / width / length | s / e / l | 60 mm x 178 mm / 1150 mm |
| 4.25 | Forks spread | b5 | 566 mm |
| 4.26 | Distance between wheel arms/loading surfaces | b4 | 270 mm |
| 4.24 | Fork carriage width | b3 | 680 mm |
| 4.32 | Ground clearance at centre of wheelbase | m2 | 22 mm |
| 4.34 | Aisle width for 800 x 1200 pallet lengthways | Ast | 2070 mm |
| 4.35 | Turning radius | Wa | 1385 mm |
| | Performances | | |
| 5.1 | Travel speed (laden / unladen) | | 4.50 km/h / 5 km/h |
| 5.2 | Lifting speed (laden / unladen) | | 0.10 m/s / 0.18 m/s |
| 5.3 | Lowering speed (laden / unladen) | | 0.10 m/s / 0.07 m/s |
| 5.7 | Gradeability (laden / unladen) | | 5 % / 8 % |
| 5.10 | Service brake | | Electro magnetic |
| 5.11 | Parking brake | | Handle Release |
| | Engine | | |
| 6.1 | Drive motor rating S2 60 min | | 0.50 kW |
| 6.2 | Lift motor rating at S3 15% | | 2 kW |
| 6.3 | Battery according to DIN 43531/35/36 A, B, C | | Semi-Traction |
| 6.4 | Battery voltage / capacity | | 24 V / 85 Ah |
| 6.5 | Battery weight (+/- 5%) | | 50 kg |
| | Miscellaneous | | |
| 8.1 | Type of drive control | | AC |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 | | 65 dB |

Stacky 14 - Dimensional drawing



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