Technical sheet :



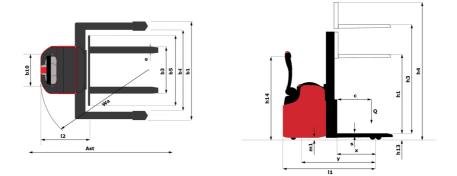




| | Technical characteristics |
|-----------|--|
| .1 | Manufacturer |
| 2 | Model Name |
| | Power source |
| | Operator type |
| | Max. capacity |
| 5 | Load center of gravity |
| | Distance from Load backrest to center of rear axle |
| .8 | Wheelbase |
| 2 | Weight |
| 1 | Service weight |
| .2 | Weight on front axle (laden) / rear axle (laden) |
| 3 | Weight on front axle (laden) / rear axle (laden) Weight on front axle (Unladen) / rear axle (Unladen) |
| , | Wheels |
| 1 | |
| .1 | Tires type Number of load wheels / Size of load wheels |
| .3 .4 | Number of stabilizer wheels / Size of the stabilizer wheels |
| .4 .5 | Number of stabilizer wheels / size of the stabilizer wheels |
| .5 5.2 | Number of drive wheels / Size of drive wheels |
| 5.Z .6 | Front wheel gauge |
| .0 | Rear wheel gauge |
| / | Dimensions |
| 5 | Fork height in low position |
| 19 | |
| 20 | Overall length Length to face of forks |
| 20 | Overall width |
| 22 | |
| | Forks section / width / length |
| 24 | Fork carriage width Ground clearance below mast |
| 31 32 | |
| 32 35 | Ground clearance at centre of wheelbase |
| 0 | Tuming radius |
| 1 | Performances |
| 2 | Travel speed (laden / unladen) |
| 3 | Lifting speed (laden / unladen) |
| 3 8 | Lowering speed (laden / unladen) |
| | Max Gradeability (laden / unladen) Service brake |
| 0 | |
| 1 | Engine Drive materization \$2.60 min |
| 1 | Drive motor rating S2 60 min |
| 2 | Lift motor rating at S3 15% |
| 4 | Battery voltage / capacity |
| .5 | Battery weight (+/- 5%) |
| | Miscellaneous |
| .1 .4 | Type of drive control |
| | Sound level at the driver's ear according to DIN 12 053 |

| ES 410 ET | Created on 6 May 2024 at 7:13:59 PM UTC |
|-----------|---|
| | Metric |
| | Manitou |
| | ES 410 ET |
| | Electrical |
| | Pedestrian |
| Q | 1000 kg |
| С | 600 mm |
| x | 720 mm |
| у | 1245 mm |
| | 870 kg |
| | 709 kg / 1161 kg |
| | 609 kg / 261 kg |
| | |
| | Polyurethane |
| | 2 / 125x50 |
| | 1 / 125x50 |
| | 2 / 2 1/230x70 |
| b10 | 517 mm |
| b10 | 380 mm |
| 511 | 300 mm |
| h13 | 85 mm |
| 11 | 1870 mm |
| 12 | 720 mm |
| b1 | 800 mm |
| s / e / l | 60 mm / 180 mm / 1150 mm |
| b3 | 680 mm |
| m1 | 35 mm |
| m2 | 20 mm |
| Wa | 1400 mm |
| | 5.80 km/h / 6 km/h |
| | 0.24 m/s / 0.14 m/s |
| | 0.20 m/s / 0.30 m/s |
| | 8 % / 10 % |
| | Electro magnetic |
| | |
| | 1.20 kW |
| | 3 kW |
| | 24 V / 160 Ah |
| | 150 kg |
| | |
| | AC |
| | 65 dB |

ES 410 ET - Dimensional drawing



Characteristics of masts and residual capacities

| Central Cylinder Duplex (CCD) | CCD 26 | CCD 29 | CCD 34 | |
|---------------------------------|--------|--------|--------|------|
| h1 - Mast lowered height | mm | 1780 | 1930 | 2180 |
| h2 - Mast free lift | mm | 140 | 140 | 140 |
| h3 - Mast lifting height | mm | 2630 | 2930 | 3430 |
| h4 - Mast extended height | mm | 3065 | 3365 | 3865 |
| Residual capacity at max height | kg | 1000 | 1000 | 900 |

| Central Cylinder Simplex (CCS) | | CCS 15 | CCS 17 |
|---------------------------------|----|--------|--------|
| h1 - Mast lowered height | mm | 1930 | 2180 |
| h2 - Mast free lift | mm | 1500 | 1750 |
| h3 - Mast lifting height | mm | 1500 | 1750 |
| h4 - Mast extended height | mm | 1930 | 2180 |
| Residual capacity at max height | kg | 1000 | 1000 |



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