

Electric Stacker2.0t

ES20-WA

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|---------------------|------------------|---|---------------------------------------|-------|-----------------|----|
| Distinguishing mark | 1.1 | Manufacturer | | | EP | |
| | 1.2 | Model designation | | | ES20-WA | |
| | 1.3 | Drive | | | Electric | |
| | 1.4 | Operator type | | | Pedestrian | |
| | 1.5 | Load capacity | Q | kg | 2000 | |
| | 1.6 | Load center distance | c | mm | 600 | |
| Service weight | 1.8 | Load distance, centre of drive axle to fork | x | mm | 693 | |
| | 1.9 | Wheelbase | y | mm | 1305 | |
| | 2.1 | Service weight | | kg | 1170 | |
| Tyres/chassis | 2.2 | Axle loading, laden front/rear | | kg | 850/2320 | |
| | 2.3 | Axle loading, unladen front/rear | | kg | 780/390 | |
| | 3.1 | Tyre type | | | Polyurethane | |
| | 3.2.1 | Tyre size, front | | mm | Φ230x75 | |
| | 3.3.1 | Tyre size, rear | | mm | Φ85x70 | |
| | 3.4 | Additional wheels (castor wheels) | | mm | Φ130x55 | |
| | 3.5 | Wheels, number front/rear (x=drive wheels) | | mm | 1x +1/4 | |
| Dimensions | 3.6.1 | Tread width, front | b10 | mm | 538 | |
| | 3.7.1 | Tread width, rear | b11 | mm | 410 | |
| | 4.0 | Max. Lift Height | H | mm | 3000 | |
| | 4.2 | Retracted mast height | h1 | mm | 2020 | |
| | 4.3 | Free lift | h2 | mm | 100 | |
| | 4.4 | Lift height | h3 | mm | 2912 | |
| | 4.5 | Height, mast extended | h4 | mm | 3465 | |
| | 4.6 | Initial lift | h5 | mm | — | |
| | 4.9 | Height of tiller handle in drive position min./max. | h14 | mm | 715/1200 | |
| | 4.10 | Height of wheel arms | h8 | mm | — | |
| | 4.15 | Lowered height | h13 | mm | 88 | |
| | 4.19 | Overall length | l1 | mm | 1940 | |
| | 4.20 | Length to face of forks | l2 | mm | 790 | |
| | 4.21 | Overall width | b1/b2 | mm | 800 | |
| | 4.22 | Fork dimensions | s/e/l | mm | 60x190x1150 | |
| | 4.24 | Fork carriage width | b3 | mm | — | |
| | 4.25 | Distance between fork-arms | b5 | mm | 600 | |
| | 4.26 | Distance between wheel arms/loading surfaces | b4 | mm | — | |
| | Performance data | 4.31 | Ground clearance, laden, below mast | m1 | mm | — |
| | | 4.32 | Ground clearance, center of wheelbase | m2 | mm | 18 |
| 4.34.1 | | Aisle width for pallets 1000×1200 crossways | Ast | mm | 2465 | |
| 4.34.2 | | Aisle width for pallets 800×1200 crossways | Ast | mm | 2440 | |
| 4.35 | | Turning radius | Wa | mm | 1589 | |
| 5.1 | | Travel speed, laden/unladen | | km/h | 4.5/5.0 | |
| Electric-engine | 5.2 | Lifting speed, laden/unladen | | m/s | 0.11/0.16 | |
| | 5.3 | Lowering speed, laden/unladen | | m/s | 0.32/0.23 | |
| | 5.8 | Max. gradeability, laden/unladen | | % | 6/12 | |
| | 5.10 | Service brake | | | Electromagnetic | |
| | 6.1 | Drive motor rating S2 60 min | | kW | 1.1 | |
| Addition data | 6.2 | Lift motor rating at S3 15% | | kW | 3.0 | |
| | 6.4 | Battery voltage/nominal capacity | | V/Ah | 24/280 | |
| | 6.5 | Battery weight | | kg | 240 | |
| | 8.1 | Type of drive control | | | AC | |
| | 10.5 | Steering design | | | Mechanical | |
| | 10.7 | Sound pressure level at the driver's ear | | dB(A) | 74 | |

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.