

ONYX

Built to perform, built to last.



Electric Pallet Stacker

WS13

FEATURES

- **Adjustable support legs**, allowing customisation to fit different racking and storage configurations.
- **Centre-mounted driving handle**, designed to minimise the turning radius for better manoeuvrability, performance, and reduced wheel wear.
- **Wide-leg design**, ensuring greater stability when lifting and lowering loads.
- **Durable high-strength mast**, enhancing reliability and longevity throughout the machine's lifespan.
- **Internal charger**, and sealed batteries for ease of use, maintenance and charging.

| Model | | WS13 |
|------------------------------------|--------|--------------|
| Operation | | Walkie |
| Rated capacity | Q(kg) | 1300 |
| Mast type | | 2-Stage mast |
| Lift height | h3(mm) | 3500 |
| Capacity at top lift | kg | 600 |
| Service weight (including battery) | kg | 670 |
| Load centre | c(mm) | 600 |
| Axle centre to fork face | x(mm) | 698 |
| Wheelbase | y(mm) | 1202 |
| Controller | | CURTIS |

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Specifications

| Wheels | | |
|--|-----------|-----------------------|
| Wheel type | ΦXw(mm) | Polyurethane |
| Driving wheel size | ΦXw(mm) | Φ210x70 |
| Bearing wheel size | ΦXw(mm) | Φ80x70 |
| Wheel, number front/rear (x=drive) | | 1x+0/4 |
| Dimensions | | |
| Height of mast, lowered | h1(mm) | 2330 |
| Height of mast, extended | h4(mm) | 4049 |
| Fork height, lowered | h13(mm) | 65 |
| Overall length | l1(mm) | 1818 |
| Length to fork face | l2(mm) | 668 |
| Overall width | b1/b2(mm) | 1148-1548 |
| Fork dimension | s/e/l(mm) | 35/100/1150 |
| Width of forks | b5(mm) | 210-850 |
| Min. ground clearance | m2(mm) | 26 |
| Aisle width with pallet 1000*1200 across forks | Ast(mm) | 2240 |
| Aisle width with pallet 1000*1200 along forks | Ast(mm) | 2210 |
| Min. turning radius | Wa(mm) | 1370 |
| Performance | | |
| Travel speed, with/without load | (km/h) | 4.0/4.2 |
| Lifting speed, with/without load | (mm/s) | 92/136 |
| Lowering speed, with/without load | (mm/s) | 112/98 |
| Max. gradeability, ladden/unladen | (%) | 3/8 |
| Service brake | | Electromagnetic brake |
| Drive | | |
| Drive motor, output S2 60 min | (kW) | 0.75 |
| Lift motor rating at S3 15% | (kW) | 2.2 |
| Battery according to DIN 43531/35/36 A,B,C, no | | no |
| Battery voltage/rated capacity | (V/Ah) | 2x12/100 |
| Battery weight (±5%) | (kg) | 2x27 |
| Others | | |
| Noise level at operator's ears | (dB(A)) | ≤70 |
| Steering type | | Mechanical steering |