

Medium voltage lithium battery forklift 5ton

| characteristic | | | | | |
|-------------------------------|---|----------------------------|-------|------|------------------|
| 1 | Model | | | | FB50-WD2 |
| 2 | Power Type | | | | lithium battery |
| 3 | Driving Type | | | | seated |
| 4 | Rated Capacity | | | kg | 5000 |
| 5 | Load Centre | | | mm | 500 |
| weight | | | | | |
| 6 | Service Weight | | | kg | 6780 |
| Tires, chassis | | | | | |
| 7 | Tire Type | | | | air tires |
| 8 | Wheel number X=Drive wheel(front/rear) | | | | 2X/2 |
| 9 | Front Tires(solid tires) | | | | 300-15-18PR |
| 10 | Rear Tires(air tires) | | | | 7.00-12-12PR |
| 11 | Front Tread | | W1 | mm | 1180 |
| 12 | Rear Tread | | W2 | mm | 1190 |
| 13 | Wheelbase | | L4 | mm | 2100 |
| size | | | | | |
| 14 | Lift Height | | H1 | mm | 3000 |
| 15 | Fork Size | Length × width × thickness | L×W×T | mm | 1070×150×50 |
| 16 | Mast Tilt Angle(F/R) | | α/β | ° | 6/12 |
| 17 | Mast Lowered Height | | H1 | mm | 2270 |
| 18 | free lifting height | | H5 | mm | 150 |
| 19 | Mast Extended Height (with backrest) | | H2 | mm | 4165 |
| 20 | backrest height (from the fork surface of the mast) | | H6 | mm | 1250 |
| 21 | Fork adjust distance(outside of forks) | | W3 | mm | 300-1380 |
| 22 | Length to face of fork(not includes forks' length) | | L'/L | mm | 3280/4350 |
| 23 | Overall width (frame/wheels) | | W | mm | 1460 |
| 24 | Overhead guard height | | H3 | mm | 2340 |
| 25 | Distance from seat surface to overhead guard | | H7 | mm | 1000 |
| 26 | Front overhang | | L2 | mm | 579 |
| 27 | Rear overhang | | L3 | mm | 600 |
| 28 | Turning radius(outside) | | r | mm | 2910 |
| 29 | Ground Clearance(Bottom of mast) | | H4 | mm | 150 |
| 30 | Min. intersecting aisle(1200×1000mm pallet) | | Ra | mm | 2920 |
| 31 | Min. right angle stacking aisle width(1200×1000mm pallet) | | RASA | mm | 4740 |
| Performance Parameters | | | | | |
| 32 | Max. Travel speed(Full load/No load) | | | km/h | 18/18 |
| 33 | Lifting speed(Full load/No load) | | | mm/s | 330/450 |
| 34 | Lowering speed(Full load/No load) | | | mm/s | ≤600/≥300 |
| 35 | Max. Grade-ability | | | % | 20 |
| electric | | | | | |
| 36 | Lithium iron phosphate battery | | | V/Ah | 153.6/230 |
| 37 | Lithium battery box size | Length × Width × Height | | mm | |
| 38 | Drive Motor, S2-60min | | | Kw | 20 |
| 39 | Lift Motor, S3-15% | | | Kw | 20 |
| 40 | Controller | | | | Weide |
| 41 | Control type | | | | full AC |
| other | | | | | |
| 42 | Operating pressure | | | Mpa | 18 |