## Wide view mast VM

| Mast model | Load center 500mm | Load center 600mm | | Max.lift height | Mast height: Fork lowered | | Mast height: Fork lift (with backrest) | | Tilt angle fwd-bwd | | Tilt angle fwd-bwd | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FLB50 | FLB50F | FLB55F | | FLB50 | FLB 50F/55F | FLB50 | FLB 50F/55F | FLB50 | FLB 50F/55F | | FLB50 | FLB 50F/55F |
| | kg | kg | kg | mm | mm | mm | mm | mm | mm | mm | deg | kg | kg |
| VM300 | 5000 | 5000 | 5500 | 3000 | 2300 | 2365 | 4205 | 4360 | 140 | 140 | 6 - 12 | 7230 | 7830 |
| VM350 | 5000 | 5000 | 5500 | 3500 | 2550 | 2615 | 4705 | 4860 | 140 | 140 | 6 - 12 | 7293 | 7893 |
| VM400 | 5000 | 5000 | 5500 | 4000 | 2850 | 2915 | 5205 | 5360 | 140 | 140 | 6 - 6 | 7407 | 8007 |
| VM450 | 5000 | 5000 | 5500 | 4500 | 3100 | 3165 | 5705 | 5860 | 140 | 140 | 6 - 6 | 7471 | 8071 |
| VM500 | 4500 *4600 | 5000 | 5500 | 5000 | 3350 | 3415 | 6205 | 6360 | 140 | 140 | 6 - 6 | 7534 | 8134 |
| VM550 | 4000 *4400 | *4000 *4800 | *4500 *5200 | 5500 | 3650 | 3715 | 6705 | 6860 | 140 | 140 | 3 - 6 | 7610 | 8210 |
| VM600 | 3550 *4000 | *3550 *4000 | *4000 *4400 | 6000 | 3900 | 3965 | 7205 | 7360 | 140 | 140 | 3 - 6 | 7711 | 8311 |

## 2 stage free lift mast VFM

| Mast model | Load center 500mm | Load center 600mm | | Max.lift height | Mast height: Fork lowered | | Mast height: Fork lift (with backrest) | | Tilt angle fwd-bwd | | Tilt angle fwd-bwd | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FLB50 | FLB50F | FLB55F | | FLB50 | FLB 50F/55F | FLB50 | FLB 50F/55F | FLB50 | FLB 50F/55F | | FLB50 | FLB 50F/55F |
| | kg | kg | kg | mm | mm | mm | mm | mm | mm | mm | deg | kg | kg |
| VFM250 | 5000 | 5000 | 5500 | 2500 | 2090 | 2110 | 3705 | 3860 | 755 | 1175 | 6 - 12 | 7114 | 7714 |
| VFM270 | 5000 | 5000 | 5500 | 2700 | 2190 | 2210 | 3905 | 4060 | 855 | 1280 | 6 - 12 | 7180 | 7780 |
| VFM300 | 5000 | 5000 | 5500 | 3000 | 2340 | 2360 | 4205 | 4360 | 955 | 1425 | 6 - 12 | 7200 | 7800 |
| VFM350 | 5000 | 5000 | 5500 | 3500 | 2590 | 2610 | 4705 | 4860 | 1255 | 1675 | 6 - 12 | 7220 | 7820 |
| VFM375 | 5000 | 5000 | 5500 | 3750 | 2715 | 2735 | 4955 | 5110 | 1380 | 1800 | 6 - 12 | 7280 | 7880 |
| VFM400 | 5000 | 5000 | 5500 | 4000 | 2890 | 2910 | 5205 | 5360 | 1555 | 1925 | 6 - 6 | 7305 | 7905 |
| VFM450 | 5000 | 5000 | 5500 | 4500 | 3140 | 3610 | 5705 | 5860 | 1805 | 2176 | 6 - 6 | 7335 | 7935 |
| VFM500 | 4000 *4300 | 5000 | 5500 | 5000 | 3390 | 3410 | 6205 | 6360 | 2055 | 2426 | 6 - 6 | 7455 | 8055 |
| VFM550 | 3200 *3900 | 4000 *4800 | 4500 *5200 | 5500 | 3690 | 3710 | 6705 | 6860 | 1710 | 2676 | 3 - 6 | 7505 | 8105 |
| VFM600 | 2500 *3700 | 3350 *4000 | 3800 *4500 | 6000 | 3940 | 3960 | 7205 | 7360 | 1960 | 2926 | 3 - 6 | 7655 | 8255 |

## 3 stage free lift mast VFHM

| Mast model | Load center 500mm | Load center 600mm | | Max.lift height | Mast height: Fork lowered | | Mast height: Fork lift (with backrest) | | Tilt angle fwd-bwd | | Tilt angle fwd-bwd | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | FLB50 | FLB50F | FLB55F | | FLB50 | FLB 50F/55F | FLB50 | FLB 50F/55F | FLB50/50F,55F | FLB50/50F,55F | | FLB50 | FLB 50F/55F |
| | kg | kg | kg | mm | mm | mm | mm | mm | mm | mm | deg | kg | kg |
| VFHM360 | 4900 | 4800 | 5300 | 3600 | 2026 | 2086 | 4805 | 4960 | 810/730 | 1240/1118 | 6 - 12 | 7580 | 8180 |
| VFHM400 | 4900 | 4800 | 5300 | 4000 | 2160 | 2220 | 5205 | 5360 | 944/864 | 1374/1252 | 6 - 12 | 7640 | 8240 |
| VFHM435 | 4700 | 4800 | 5300 | 4350 | 2276 | 2336 | 5555 | 5710 | 1060/980 | 1490/1368 | 6 - 6 | 7420 | 8460 |
| VFHM450 | 4600 | 4800 | 5300 | 4800 | 2326 | 2386 | 5705 | 5860 | 1110/1030 | 1540/1318 | 6 - 6 | 7460 | 8500 |
| VFHM480 | 4600 | 4800 | 5300 | 4800 | 2460 | 2520 | 6005 | 6160 | 1244/1164 | 1674/1552 | 6 - 6 | 7500 | 8540 |
| VFHM500 | 4000 | 4700 | 5200 | 5000 | 2526 | 2586 | 6205 | 6360 | 1310/1230 | 1740/1618 | 6 - 6 | 7560 | 8600 |
| VFHM540 | 3400 *4300 | *3500 *4600 | *4000 *5100 | 5400 | 2660 | 2720 | 6605 | 6760 | 1444/1364 | 1874/1752 | 6 - 6 | 7720 | 8760 |
| VFHM550 | 3200 *4200 | *3300 *4500 | *3800 *5000 | 5500 | 2693 | 2753 | 6705 | 6860 | 1477/1397 | 1907/1785 | 3 - 6 | 7740 | 8780 |
| VFHM600 | 2900 *4100 | *2900 *4300 | *3400 *4800 | 6000 | 2893 | 2953 | 7205 | 7360 | 1677/1597 | 2107/1985 | 3 - 6 | 7820 | 8860 |

*When the products and specifications of TEU are changed due to improvement, TEU will not give further notice.

**Anhui TEU Forklift Truck Co.,Ltd.**

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Distributor:

# FLB50-55F G1

Lithium Battery counterbalance Forklift Truck

TEU







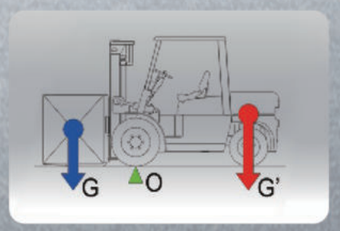
**1 Revolutionary performance improvement**

Compared with the traditional battery forkilft truck,the load Lifting speed and driving speed performance is higher,more power.



**2 Wide view mast**

Preeminent front operation view with unique designed wide view mast model VM),makes safer and more reliable operation.




**3 High safety factor**

Heavier self-weight enhanced a bigger stablebility of the machine.

# FLB50-55F G1

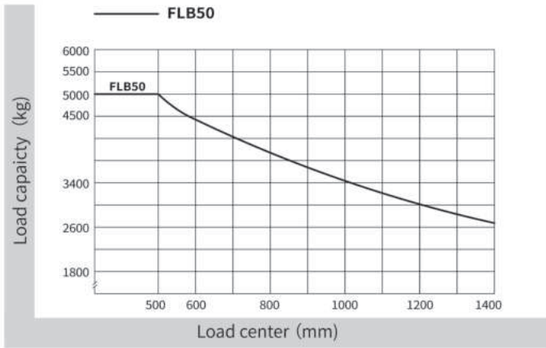
TEU

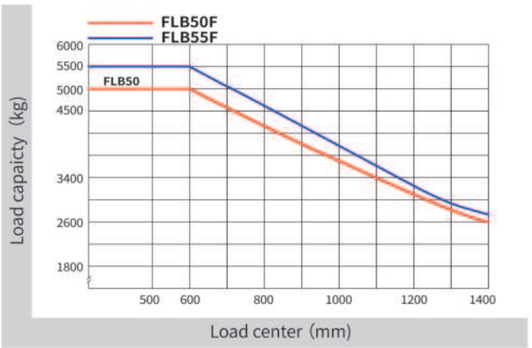
## Main Truck Specifications

### ■ Standard Size

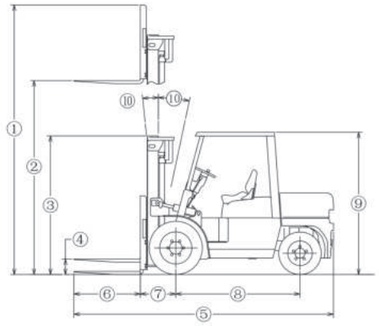
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SPECIFICATION | Manufacturer | | | | | TEU | | |
| | Model | | | | | FLB50 | FLB50F | FLB55F |
| | Configuration | | | | | G1 | | |
| | Max.lift capacity | | | kg | | 5000 | 5000 | 5500 |
| | Load center | | | mm | | 500 | 600 | |
| | Power unit | | | | | Lithium Iron Phosphate Battery (LFP Battery) | | |
| | Operator type | | | | | Driver/seat | | |
| DIMENSIONS | Max.lift height | | | mm | ② | 3000 | | |
| | Free lift | | | mm | ④ | 140 | | |
| | Fork size | L ×W ×T | | mm | ⑥ | 1070×150×50 | 1220X150X60 | 1220X150X60 |
| | Fork adjustment range(outside) | | | mm | | 300~1370 | | |
| | Tilt angle | fwd/bwd | | deg | ⑩ | 6/12 | | |
| | Overall length (without fork) | | | mm | ⑤ | 3183 | 3422 | 3453 |
| | Total width | | | mm | ⑪ | 1485 | | |
| | Mast height (fork lowered) | | | mm | ③ | 2300 | 2360 | |
| | Overall height fork raised (with backrest) | | | mm | ① | 4140 | | |
| | Height of head guard | | | mm | ⑨ | 2420 | | |
| | Turning raduis (outside) | | | mm | ⑭ | 2860 | 3100 | |
| | Distance from front wheel center to forks face | | | mm | ⑦ | 560 | 630 | |
| | Right angle stacking aisle | | | mm | ⑮ | 4670 | 4910 | |
| PERFORMANCE | Speed | Max. travelling speed | full load | km/h | | 17 | 17 | 16 |
| | | | no load | km/h | | 17 | | |
| | | Lifting speed | full load | mm/s | | 350 | 340 | 320 |
| | | | no load | mm/s | | 400 | | |
| | | Lowering speed | full load | mm/s | | 430 | 500 | |
| | | | no load | mm/s | | 330 | 350 | |
| | Maximum traction force | No load | | kN | | 20 | | |
| | Maximum Gradeability | full load/no load | | % | | 15/18 | 14/18 | 13/18 |
| | Operating pressure | Hydraulic system pressure | | Mpa | | 19.6 | | |
| WEIGHTS | Truck weight | | | kg | | 6900 | 7300 | 7700 |
| | Weight Distribution (with standard battery) | Full load | front | kg | | 10600 | 11000 | 11800 |
| | | | rear | kg | | 1200 | 1300 | 1400 |
| | | No load | front | kg | | 2900 | 3100 | 3200 |
| | | | rear | kg | | 4000 | 4200 | 4500 |
| CHASSIS & WHEELS | Tires | Tires type | fwd/bwd | | | 2 / 2 | | |
| | | Wheel(x=driving) | fwd/bwd | | | Pneumatic Tyre | | |
| | | Model | front axle | | | 300-15-18PR | | |
| | | | rear axle | | | 7.00-12-12PR | | |
| | Wheelbase | | | mm | ⑧ | 2000 | 2200 | |
| | Tread | front | | mm | ⑫ | 1180 | | |
| | | rear | | mm | ⑬ | 1190 | | |
| | Ground Clearence | At lowest point (mast) | | mm | | 100 | | |
| | | Frame | | mm | | 240 | | |
| | Brake | Service brake | | | | Hydraulic-foot pedal | | |
| | | Parking brake | | | | Mechanical-hand lever | | |
| DRIVE LINE | Battery(standard) | Voltage | | V | | 153.6V | | |
| | | capacity | | AH | | 230Ah/280Ah/346Ah | | |
| | Electric motors | Drive motor | | Kw | | 25 | | |
| | | Hydraulic motor | | Kw | | 20 | | |
| | Control mode | | | | | Liquid-cooled AC magnet synchronous type | | |

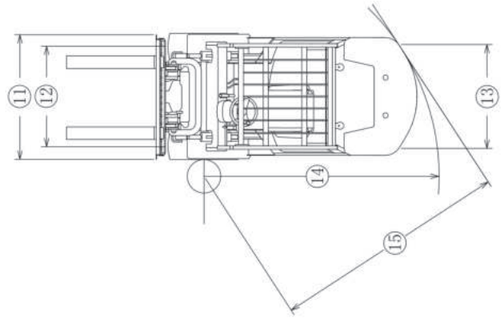
## Load curve




Notes:
- Vertical axis represents load capacity; Horizontal axis shows load center, Load center is determined from front face of the fork.
- Capacity based on a 1200mm cube load configuration with the center of gravity at the true center of the cube, and standard fork.
- The load capacity will be reduced while the mast tilt forward or loading with long fork or lifting transformable width of goods.
- Getting the load capacities at the various load centers timely via the load curve.
- TEU's products and specifications change without prior notice.
- TEU's forklift truck has equipped with standard safety device.
- TEU is not responsible for the damage occurred by removing its safety device.




## Standard equipments

| | | | | |
|---|---|---|---|---|
| • Wide view mast | • Long-life tires | • Side roller | • Headlamp andsteering indicator lamp | • Electric horn |
| • Load one-way valve | • Overhead guard | • Standard carriage | • Charge indicator lamp | • General seat |
| • King Pin | • Power steering | • Reversing Buzzer | • Hour meter | • Rear mirror |
| • Standard backrest | • Adjustable steering column | • Tools | • Reversing light | |

## Options

| | | | | |
|---|---|---|---|---|
| • Fire extinguisher | • Heater unit | • Solid tires | • Tilt cylinder jacket | • Rotating warning light |
| • cab | • Rear work light | | | |

## Attachments

| | | | | |
|---|---|---|---|---|
| • Side shifter | • Carpet boom | • Longer forks | • Clamps | • Others |
| • Fork positioner | • Fork extension | | | |