

*flexi*LIFT



1.5-3.0 TON
ELECTRIC FORKLIFT TRUCKS

*flexi*LIFT

FITS ALL YOUR NEEDS



Innovative and Revolutionary Forklift Truck

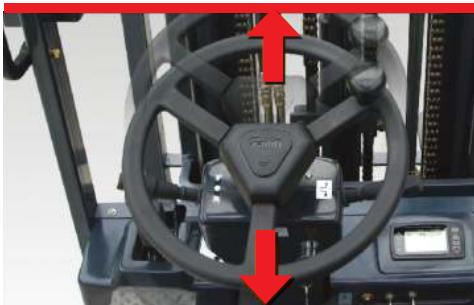
Based in Australia. Flexilift Group was established in 1995.

Flexilift Group is one of Australia's leading distributors of material handling equipment.

Flexilift is an ISO9001 quality management system company. Each series is obtained with CE and EPA certificates.

Flexilift forklift trucks involve the best in virtual bench and field-testing to ensure the final product meets the high quality standard demanded. Flexilift forklifts bring you great comfort and unmatched productivity.

Each of these advancements demonstrates Flexilift's commitment to be a dependable partner and provide the toughest trucks for even the most challenging applications.



Adjustable Steer Column

Steer column can be adjusted easily to satisfy operator's needs. It reduces fatigue and adds comfort for the operator.



Fully hydrostatic steering system

The hydraulic steer system enables responsive, minimal effort turning.



Hydraulic control lever

Ergonomic design of the hydraulic control valve levers allows for easy and comfortable operation.



Mini lever (optional)

The electronic mini lever functions have an ergonomic design that enable quick direction and operation.

Comfort

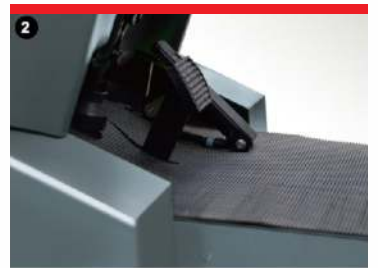




Suspension seat (optional)



Easy entry & exit



Driving space

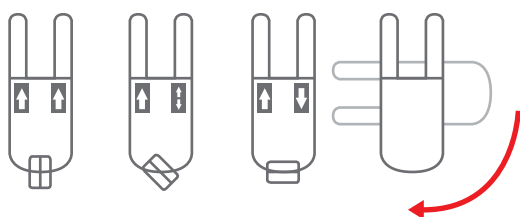


Wide front vision



Cup holder

Efficiency



Front dual drive motor system

Left and right wheels have separate AC drive motors. This allows a more efficient and consistent turning radius.



Operator can choose and set up an operating mode for three different choices such as **economic**, **standard** and **high**.

Compact multi-function smart display

Monitor displays driving speed, power, machine hours, operate information and any fault detections.



Hydraulic pump motor

AC hydraulic pump motor, can be adjusted to low output speed, in order to provide sufficient flow and pressure for turning and hydraulic functions.



AC SYSTEM

As well as being maintenance free, the AC motor provides efficient power reduction, enabling prolonged battery life and usage, giving the operator smoother, faster response during operation.

Hydraulic control valve switch

4 sensor systems connected with the control valve switch to regulate the hydraulic motor turning speed enabling a smoother hydraulic function.



Rear combination lighting equipments

Built-in lighting equipment including safety beacon, on the rear overhead guard enhances visibility.



Wet Disc Brake (ZF)

Equipped with wet disc brakes, the braking system lasts five times longer.



Transmission (ZF)

Using PMP transmission

- Less noise
- Great reliability

Dual rear wheels

Dual rear wheels are standard on all FBT series forklift trucks. Providing superior safety and stability while lifting and turning.



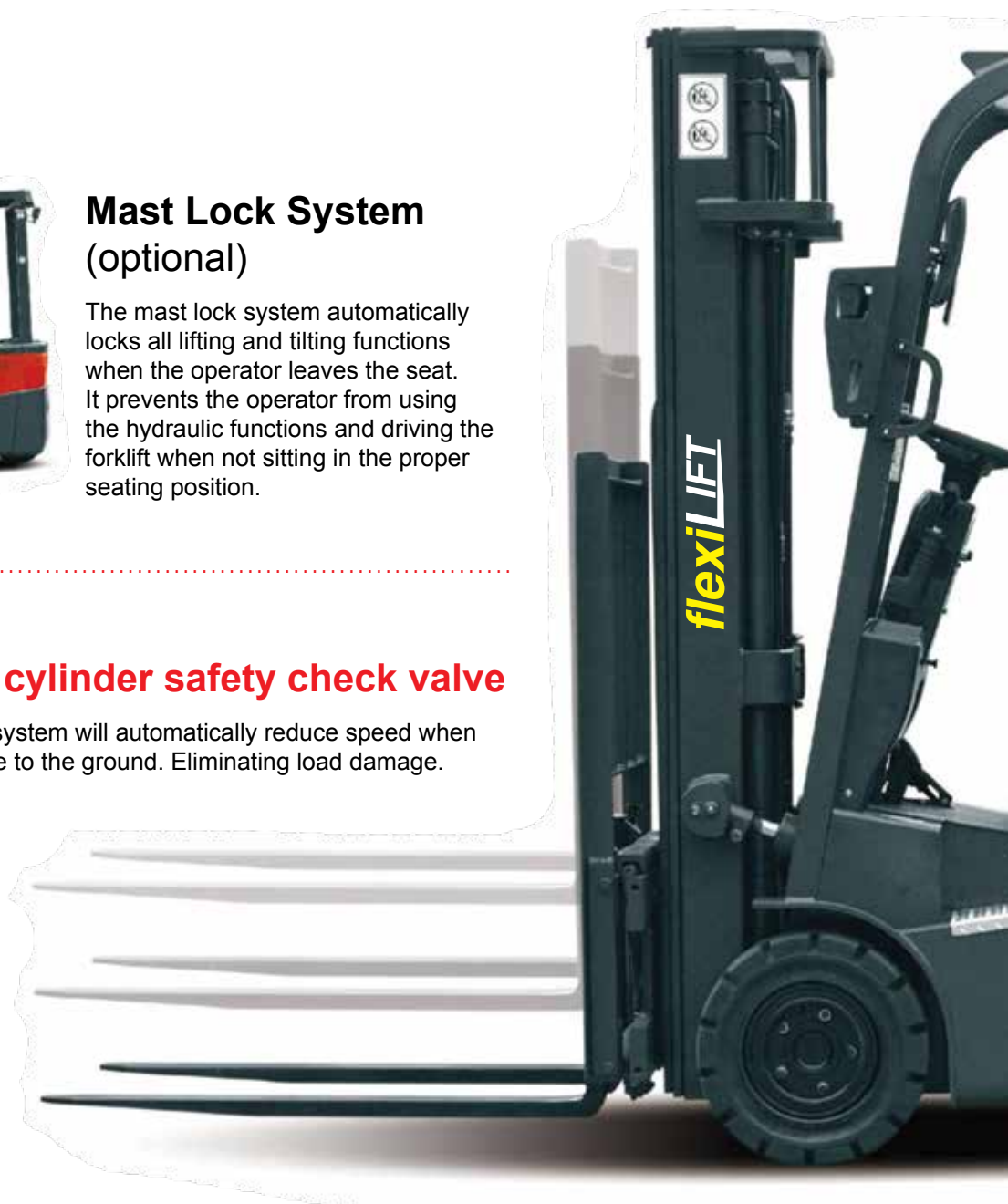
Safety

Mast Lock System (optional)

The mast lock system automatically locks all lifting and tilting functions when the operator leaves the seat. It prevents the operator from using the hydraulic functions and driving the forklift when not sitting in the proper seating position.

■ Hydraulic lift cylinder safety check valve

The enhanced safety system will automatically reduce speed when forks become too close to the ground. Eliminating load damage.



Battery box

Battery installed on the lowest position of chassis enhances driving stability

AC Controller *(smart, torque control)*

Regenerates motor and battery life.

Main functions of Controller

1. Protection against battery polarity
2. Anti-roll back, with adjustable ramp stop time
3. Regenerative braking
4. Electrically assisted braking
5. Management of static return to off function
6. Consistent drive speed acceleration/deceleration
7. Over temperature protection for inverters & motors
8. Full protection against shore or open circuits
9. Fault detection of management system.

Specifications

| Model | | | FB15 | FB18 | FB20 | FB25 | FB30 | FBT15 | FBT18 |
|-------------|------------------------------|--------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| System | | | AC | AC | AC | AC | AC | AC | AC |
| Capacity | Rated load | kg | 1500 | 1750 | 2000 | 2500 | 3000 | 1500 | 1750 |
| Load Center | Distance | mm | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| Power Type | Electric (Battery) | | Electric | Electric | Electric | Electric | Electric | Electric | Electric |
| Dimensions | Lift Height | mm | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 |
| | Overall length without forks | mm | 2095 | 2095 | 2330 | 2330 | 2450 | 1940 | 1960 |
| | Overall Width | mm | 1115 | 1115 | 1200 | 1200 | 1260 | 1078 | 1078 |
| | Min. height with closed mast | mm | 1985 | 1985 | 1985 | 1985 | 1985 | 1980 | 1980 |
| | Min. height with raised mast | mm | 4220 | 4220 | 4220 | 4220 | 4220 | 4220 | 4220 |
| | Height of head gaurd | mm | 2040 | 2040 | 2150 | 2150 | 2150 | 2070 | 2070 |
| | Height of the seat | mm | 1030 | 1030 | 1150 | 1150 | 1150 | 1015 | 1015 |
| Wheels | Number: Front/Rear | | 2X/2 | 2X/2 | 2X/2 | 2X/2 | 2X/2 | 2X/2 | 2X/2 |
| | Size: Front | | 21x8x9-14PR | 21x8x9-14PR | 23x9-10 | 23x9-10 | 23x9-10 | 18x7-8 | 18x7-8 |
| | Size: Rear | | 5.0-8-8P.R. | 5.0-8-8P.R. | 18x7-8 | 18x7-8 | 18x7-8 | 15x4 1/2-8 | 15x4 1/2-8 |
| Battery | Battery voltage | v | 48 | 48 | 48 | 48 | 80 | 48 | 48 |
| | Min. capacity | AH/5HR | 460 | 460 | 700 | 700 | 560 | 505 | 505 |
| | Max. capacity | | 600 | 600 | 750 | 750 | 600 | 600 | 600 |
| | Battery box size | mm | L975xW465xH755 | L975xW465xH755 | L1028xW530xH795 | L1028xW530xH795 | L1126xW610xH800 | L1000xW525xH620 | L1000xW525xH620 |
| Motors | Pump motor | kw | 15 | 15 | 15 | 15 | 22 | 15 | 15 |
| | Drive motor | kw | 8 | 8 | 8 | 8 | 9 | 6.5x2 | 6.5x2 |



***flexi*LIFT**



FlexiLift's Commitment & Vision

- To be a strong partner
- Provide the toughest trucks for even the most challenging applications
- Environmentally friendly with less emissions and the lowest fuel consumption
- To extend customer service worldwide to satisfy all customer needs

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