

# Forklift Truck **5t**

**C<sup>T</sup>Tailift** Serie: **FBD50 Li-Ion**

153,6 V / 230 Ah

Electric forklift with a lithium-ion battery,  
designed for intensive transport of heavy loads  
and reliable multi-shift operation.



**LI-ION**  
TECHNOLOGY



Full power available immediately



Lower energy and maintenance costs



Fast charging between shifts



\*Image for illustrative purposes only. Product specifications may vary depending on the selected configuration.



## TECHNICAL SPECIFICATIONS

|                                             |                                                  |
|---------------------------------------------|--------------------------------------------------|
| Model                                       | FBD50 4.500                                      |
| Rated capacity                              | 5,000 kg                                         |
| Load centre                                 | 500 mm                                           |
| Maximum lift height (h3)                    | Triplex mast, 4,500 mm                           |
| Side shift                                  | Yes                                              |
| Free lift height (h5)                       | 945 mm, with load backrest                       |
| Load backrest height (h8)                   | 1,220 mm                                         |
| Fork dimensions, thickness × width × length | 50 × 150 × 1,520 mm                              |
| Mast tilt, forward × backward (α / β)       | 6° / 12°                                         |
| Truck length (L2)                           | 3,365 mm, excluding forks                        |
| Overall width (B)                           | 1,530 mm                                         |
| Lowered mast height (h1)                    | 2,220 mm                                         |
| Extended mast height (h4)                   | 6,020 mm, with load backrest                     |
| Overhead guard height (h6)                  | 2,270 mm                                         |
| Operator seat height (h7)                   | 1,355 mm                                         |
| Fork carriage width                         | 1,145 mm                                         |
| Turning radius (R)                          | 3,090 mm                                         |
| Front axle to fork face (X)                 | 565 mm                                           |
| Working aisle width (Ast)                   | 4,855 mm, with 800 × 1,000 mm pallet, lengthwise |
| Working aisle width (Ast)                   | 5,055 mm, with 800 × 1,200 mm pallet, lengthwise |
| Travel speed, laden / unladen               | 18 / 18 km/h                                     |
| Lifting speed, laden / unladen              | 290 / 380 mm/s                                   |
| Lowering speed, laden / unladen             | 530 / 350 mm/s                                   |
| Drawbar pull, laden / unladen               | 24 kN                                            |
| Maximum gradeability, laden                 | 18%                                              |
| Service weight                              | 6,380 kg                                         |
| Tyre size, front / rear                     | 300-15, 20PR / 7.00-12, 12PR                     |
| Wheelbase                                   | 1,230 mm                                         |
| Ground clearance, lowest point / centre     | 140 mm / 230 mm                                  |

## DISCOVER C-TAILIFT LI-ION POWER

**Less downtime. More work. Clean power ready for the next shift.**

C-Tailift electric forklift trucks with lithium-ion batteries are designed for intensive operation in warehouses, logistics centres, manufacturing facilities and other environments where quiet operation, **excellent manoeuvrability and rapid equipment turnaround** are essential.

The advanced Li-ion drive system provides **smooth travel, high efficiency** and convenient everyday operation. The lithium-ion battery supports fast opportunity charging between tasks, **reduces downtime and simplifies multi-shift operation**.

The truck design supports **operator safety and comfort**. Excellent visibility, an ergonomic workstation, a suspension seat, LED lighting and, also - in newer models - a camera assisting with manoeuvring, together with a stable chassis, help ensure **precise load handling** and improved **awareness of the surrounding area**.

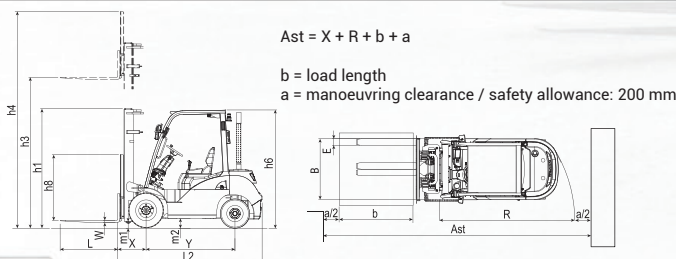
Zero exhaust emissions, low noise levels, reduced vibration and lower maintenance requirements make the truck well suited for indoor use and **for applications where clean, safe and efficient operation is essential**.

## EQUIPMENT

- Li-ion battery with BMS and charger
- Design providing a wide field of view
- Three-function hydraulic system with control levers
- Multifunction instrument display
- Suspension seat with safety belt
- Adjustable steering column
- Front and rear LED lighting
- Rear assist handle with horn button
- Anti-slip access step
- Operator's manual and technical documentation

## DRIVE AND MOTOR PARAMETERS

|                        |         |
|------------------------|---------|
| Capacity class         | 5 t     |
| Motor brand            | EIKTO   |
| Motor model            | SUPEREC |
| Traction motor         | 25 kW   |
| Hydraulic motor        | 10 kW   |
| Battery voltage        | 153,6 V |
| Battery capacity       | 230 Ah  |
| Charger output current | 100 A   |



This data sheet has been prepared with reference to the offered forklift truck configuration and is intended as supplementary information to the commercial offer. The technical parameters correspond to the configuration specified in the offer; however, selected values may change depending on the final equipment, attachments used, manufacturer updates or individual technical arrangements. The stated data are nominal values and may vary within the tolerances resulting from the machine design, drive system, working systems and typical operating conditions. In the event of any discrepancy, the commercial offer, final technical specification and manufacturer's documentation shall prevail.



## MODEL FEATURES

### EVERY DETAIL MATTERS

Discover solutions designed to improve operator comfort, safety and productivity in warehouses and manufacturing facilities.

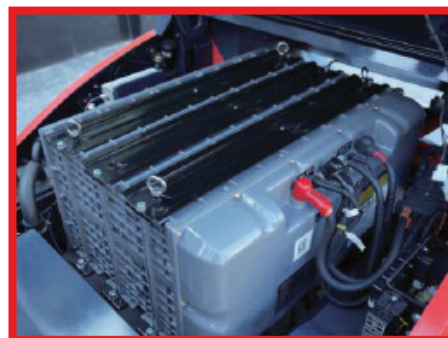


### PERFORMANCE IN ALL CONDITIONS

Whether operating in sunshine, rain, indoors or outdoors, the truck delivers stable and continuous performance. The vehicle successfully completed a 15-minute IPX4 rain-resistance test while energised, maintaining full functionality.

### REINFORCED CHASSIS

Structural durability is supported by a bolt-free frame design. The chassis has been engineered with safety in mind, while the integrated heavy-duty frame provides improved operator protection during load handling.



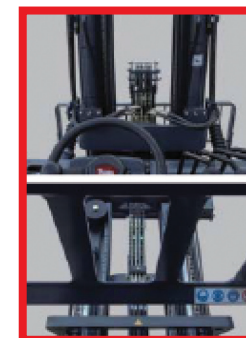
### LI-ION TECHNOLOGY

The lithium-ion battery supports fast opportunity charging, reduces daily maintenance requirements and helps lower operating costs.



### LED LIGHTING

High-performance LED lighting improves visibility during operation, consumes less energy and offers a longer service life.



### EXCELLENT VISIBILITY

The carefully designed mast, overhead guard and rear section of the truck improve all-round visibility and support precise manoeuvring.



### REVERSE DRIVING FEATURES

The rear assist handle with horn button and LED indicators supports safer reversing and manoeuvring in confined spaces.



### OPTIONAL: COLLISION WARNING SYSTEM

The system alerts the operator and nearby personnel when a pedestrian enters the hazard zone. It helps improve workplace safety in warehouse environments.



### SUSPENSION SEAT

The suspension seat with safety belt improves operator comfort and helps reduce fatigue during extended working periods.



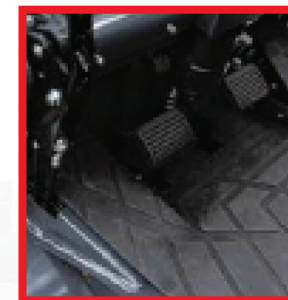
### ANTI-SLIP ACCESS STEP

The perforated access step improves safety when entering and leaving the truck, particularly on wet or dirty surfaces.



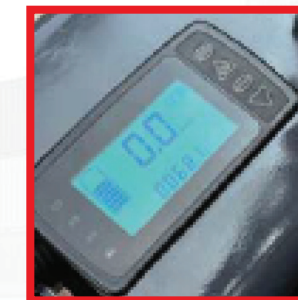
### ERGONOMIC STEERING COLUMN

The adjustable steering column allows the workstation to be adapted to the operator and supports comfortable truck operation.



### CONCEALED TILT CYLINDERS

The internal positioning of the tilt cylinders reduces the risk of damage, improves access to the working area and contributes to a cleaner overall design.



### CLEAR INSTRUMENT DISPLAY

The display provides the operator with key operating information, including battery status and the truck's basic functions.

