

Forklift Truck **3t**

C Tailift Seria: **FD30 Diesel XINCHAI**
EU Stage V

A forklift truck designed for intensive handling of heavy loads and reliable operation in demanding conditions.



DIESEL
TECHNOLOGY



Stable performance
with heavy loads



Fast refuelling,
quick return to work



Ready for multi-shift
operation



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



TECHNICAL SPECIFICATIONS

Model	FD30-4.500
Rated capacity	3 000 kg
Load centre	500 mm
Maximum lift height (h3)	Triplex mast, 4 500 mm
Side shift	Tak
Free lift height (h5)	950 mm, with load backrest
Load backrest height (h8)	1 220 mm
Fork dimensions, thickness × width × length	45 × 122 × 1 070 mm
Mast tilt, forward × backward (α / β)	6° / 6°
Truck length (L2)	3 885 mm, excluding forks
Overall width (B)	1 276 mm
Lowered mast height (h1)	2 150 mm
Extended mast height (h4)	5 720 mm, with load backrest
Overhead guard height (h6)	2 170 mm
Operator seat height (h7)	1 140 mm
Fork carriage width	1 150 mm
Turning radius (R)	2 550 mm
Front axle to fork face (X)	485 mm
Working aisle width (Ast)	4 240 mm, with 800 × 1,000 mm pallet, lengthwise
Working aisle width (Ast)	4 440 mm, with 800 × 1,200 mm pallet, lengthwise
Travel speed, laden / unladen	18 / 18 km/h
Lifting speed, laden / unladen	380 / 430 mm/s
Lowering speed, laden / unladen	490 / 450 mm/s
Drawbar pull, laden / unladen	29 000 N
Maximum gradeability, laden	20% / 20%
Service weight	4 622 kg
Tyre size, front / rear	28x9-15-14PR / 6.50-10-10PR
Wheelbase	1 700 mm
Ground clearance, lowest point / centre	110 mm / 160 mm

TAILIFT DIESEL — READY FOR MORE

Stable performance. Durable construction. Ready for the next task.

CTailift internal-combustion forklift trucks are designed for intensive operation in manufacturing facilities, logistics centres, material storage yards and other environments where **reliability, high drawbar pull** and **efficient load handling** are essential.

The efficient drive system delivers **stable power under load, smooth acceleration** and **strong performance** on uneven surfaces and in demanding operating conditions. A wide range of available configurations makes it possible to adapt the truck to the fuel type, application and operating environment.

The truck design supports **operator safety and comfort**. Excellent visibility, an ergonomic workstation, a suspension seat, LED lighting and a manoeuvring camera—available on newer versions—help ensure **precise load handling** and **improved awareness of the surrounding area**.

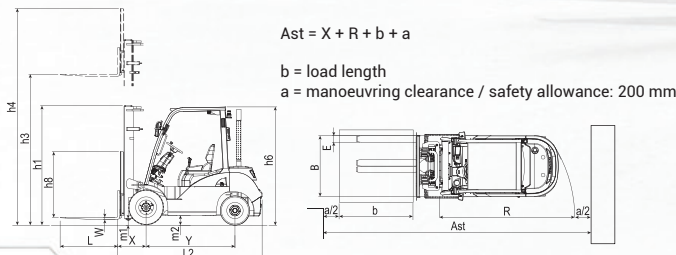
A **durable chassis, convenient service access** and **equipment designed for everyday operation** make the truck well suited for intensive outdoor use and operation in properly ventilated industrial facilities.

EQUIPMENT

- Four-valve hydraulic system
- Front and rear LED lighting
- Adjustable suspension seat with safety belt
- Adjustable steering column
- Clear LCD instrument display
- Rear assist handle with horn button
- Anti-slip access step
- Optional mast function lock system

DRIVE AND MOTOR PARAMETERS

Capacity class	3 t
Drive type	Diesel
Engine manufacturer	XINCHAI
Engine model	3E22YG51
Maximum engine power	60 KM / 2 400 rpm
Cylinders / displacement	3 / 2230 cm³
Electrical system voltage	12 V
Battery capacity	10 Ah



Tailift
MATERIAL HANDLING TAIWAN CO. LTD.
TOYOTA INDUSTRIES GROUP

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

Tailift combines solid construction, refined ergonomics and solutions designed to support the operator in everyday work.

A well-designed workstation, excellent visibility, an efficient drive system and practical equipment help maintain smooth operation, control and safety throughout the entire shift.

These trucks are built for demanding operating cycles — durable, predictable and ready for the next task.

Every component has been designed with reliability, ease of operation and high productivity in a wide range of working conditions in mind.



REINFORCED CHASSIS

The bolt-free frame construction, made of high-carbon German steel, provides high rigidity, durability and resistance to heavy loads and elevated temperatures.



ENGINE

EMISSIONS COMPLIANCE

The engine meets stringent EPA/CARB Tier 4 Final and EU Stage V requirements, supporting cleaner and more efficient operation.

DPF TECHNOLOGY

The advanced diesel particulate filter enables automatic regeneration even at low engine speeds, reducing exhaust emissions and downtime.

HIGH PERFORMANCE

The engine delivers responsive acceleration, high torque and stable power when handling heavy loads.

SMOOTH AND STABLE OPERATION

The common-rail system with high-pressure fuel injection optimises combustion while reducing noise and vibration.

EFFICIENT FUEL CONSUMPTION

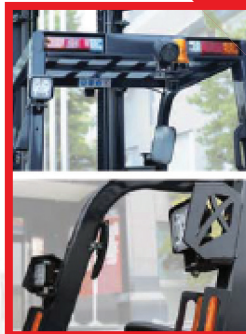
An efficient exhaust aftertreatment system and optimised regeneration process help reduce fuel consumption and pollutant emissions.

ADVANCED EXHAUST AFTERTREATMENT

The applied solutions reduce pollutant emissions and support compliance with applicable emission standards.

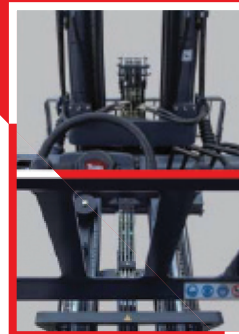
EASY MAINTENANCE

The compact, integrated engine design and convenient access to inspection points simplify routine checks and maintenance.



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.



ANTI-SLIP ACCESS STEP

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



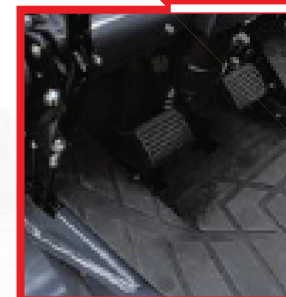
SUSPENSION SEAT

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



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.

