

# TOKAI®

- DIESEL FORKLIFT TRUCK -  
ISUZU ENGINE

MODEL  
FD25



DIESEL FORKLIFT TRUCK | FD25

Stock Code : 881012017

\*\*\* Product's specification may subject to change without further notice.  
\*\*\* Actual product may slightly differ from pictures shown.

ESM444-i  
(06/03/15)

### SPECIFICATION

<b>Model</b>	-	<b>FD25</b>
Power	-	Diesel
Operator Type	-	Seat
Capacity / rated load	Q(kg)	2500
Load centre distance	c(mm)	500
Lift height	h3(mm)	5000
Load distance, centre of drive axle to fork	x(mm)	485
Wheelbase	y(mm)	1700
Service weight	kg	3980
Tyres type	-	Pneumatic / Solid
Tyre size, front	mm	φ657 x 172
Tyre size rear	mm	φ527 x 150
Tread, front	b10(mm)	970
Tread, rear	b11(mm)	970
Tilt of mast / fork carriage forward / backward	Grad	6°~12°
Height, mast lowered	h1(mm)	2040 - 2654
Height, mast extended	h4(mm)	4067 - 7067
Height of overhead guard (cabin)	h6(mm)	2060
Seat height / stand height	h7(mm)	1052
Overall length	l1(mm)	3650
Length to face of forks	l2(mm)	2580
Overall width	b1(mm)	1150
Fork dimensions	s/e/l(mm)	40 / 130 / 1070
Fork-carriage width	b3(mm)	1160
Ground clearance, centre of wheelbase	m2(mm)	135
Aisle width for pallets 1000 x 1200 crossways	Ast(mm)	3790
Aisle width for pallets 800 x 1200 lengthways	Ast(mm)	3590
Turning radius	Wa(mm)	2190
Internal turning radius	b13(mm)	875
Lift speed, laden / unladen	m/s	460
Type of drive control		Mechanical / Hydraulic

## ADVANTAGES

### Stability

- Cab design by SIP point, conform to EN- ISO 5353, ensure compartment with great comfortable and fatigue - free operating.
- Leak-free O-rings imported from Japan NOK face seal fittings reduce leaks.
- Drive axle and steering axle, transmission made by High Technology, float type structure achieve a flexible connection between engine and frame, reduce vibrations greatly. High Quality type hydraulic pump with low noise.
- The cylinder have dual safety system — with lowering safety valve and lowering limited valve.

### Safety

- Advanced multifunction LCD/digital display provides fast and accurate Monitoring truck status.
- The cylinder offers new design by dual safety system — with lowering safety valve and lowering limited valve.
- The electric F/R lever with neutral safety start system.
- An intelligent sensor and buffer monitoring system : with safty check valve to absorb the mast drop speed automatically to avoid crashing the floor and damaging goods.

### Ergonomics & Efficiency

- Wide view mast, clear visibility.
- Cowl-mounted hydraulic levers design offers big operation space.
- Adjustable tilt steering column offers the most comfortable operator position.
- The optional of the magnetic electric F/R control lever, simple for operation and less efforts.
- Low noise <82AB(A) : sound absorbing material mounted within the front engine cover, with air intake system on the back pillars of overhead guard maximum reduces the noise.
- New designed aluminum structural radiators.

### Easy Maintenance

- Insulated engine cover with gas-filled cylinders with automatic locking device to assist in opening and preventing the cover from unexpected closing. The cover can opens up to 78-90 degrees.
- Steering axle uses the traverse tanks. The compact construction with large open space, easy to maintain.
- Use integral sealed electric circuitry. Optimized the control system and easy maintenance.
- Floor board are easily removed, reduce time for quick service assess.

