

7LS series

1.5-3.5 Ton LPG/Diesel/Gasoline

The 7LS is a revolutionary upgrade from the proven classic 7L series, improving performance, reliability and durability: its compact size and revised rear axle enables better maneuverability in tight spaces; faster and smoother simultaneous operations in steering, lifting and tilting; and redesigned counterweight with up to 40% more airflow for enhanced heat dissipation and can withstand harsher working environment.



Comfortable Operating Space

Ergonomic design minimizes operator fatigue from long working hours, increases operating space, improves work efficiency through revisions that gave more power and speed in simultaneous operations while driving, lifting and tilting.

Unibody frame

Boltless, unibody design increases strength by **20%**, improves safety, and allows the forklift to handle uneven surfaces and curvy paths, and can withstand long, rigorous transporting operations.



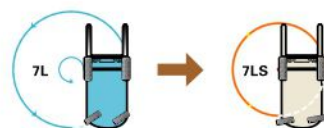
New Counterweight with Enhanced Heat Dissipation

New design offers as much as **40%** more airflow compared to the competition. Faster heat dissipation lowers engine temperatures while facilitating maintenance.



High Performance Steering Gear System

Hydraulic steering gear system with revised stronger steering axle facilitates turning in tighter spaces and can withstand more stringent working environment.



New Type Steering Axle Turning Radius <=2400

New Hydraulic System

Low-torque steering gear system



Easier to maneuver, more flexible, reduces operating force by 16% and greatly improves work efficiency.

Imported Brand O-rings



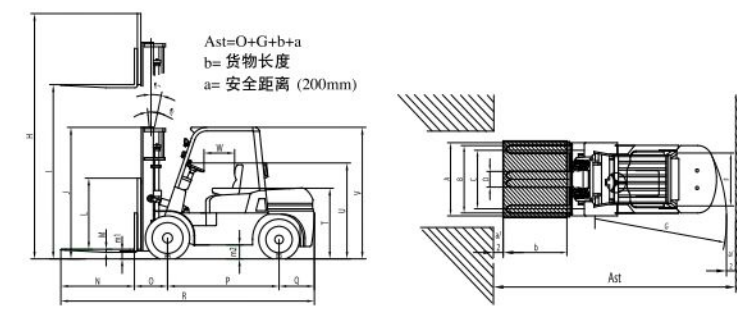
Japanese brand NOK O-rings prevents oil leakage with high resistance to hot and cold environment

Sealed hydraulic oil cover plate greatly reduces contamination



Tailift transmission (patented)

Tailift's self-designed transmission uses advanced hydrodynamics for great precision and smoothness. Equipped with automotive grade gears, Tailift's transmission is powerful, smooth, quiet and durable.



Specification

Model	FD15	FG15	FD18	FG18	FD20	FG20	FD25	FG25	FD30	FG30	FD35	FG35
Capacity	Kg 1500		1800		2000		2500		3000		3500	
Load center	mm 500		500		500		500		500		500	
Power type	Diesel	Gasoline/LPG	Diesel	Gasoline/LPG	Diesel	Gasoline/LPG	Diesel	Gasoline/LPG	Diesel	Gasoline/LPG	Diesel	Gasoline/LPG
Lift height	mm 3000		3000		3000		3000		3000		3000	
Mast tilting angle (Front/Rear)	α - β Deg 6°-12°		6°-12°		6°-12°		6°-12°		6°-12°		6°-12°	
Total width	mm 1065		1065		1158		1158		1280		1280	
Mast height (without load)	mm 2100		2100		2100		2100		2100		2100	
Overhead guard height	mm 2130		2130		2145		2145		2170		2170	
Min turning radius (outside)	mm 1950		1950		2170		2250		2400		2615	
Total length (without forks)	mm 2235		2280		2460		2505		2720		2890	
Engine	Supplier	YANMAR	NISSAN	YANMAR	ISUZU	XINCHAI	XINCHAI	NISSAN	YANMAR	ISUZU	XINCHAI	XINCHAI
	Type	4TNE92	K21	4TNE94	C240	490	490EIII	K25	4TNE98	4JG2	495	498
												A498EIII

*Specifications subject to change without notice.

* Chinese Chuanchai and Chinese tier III engine selections are available as well. Please contact CT Power sales for more information. Specifications and engine selections subject to change without notice.

7L series

4.0-5.0 Ton Diesel Forklift



Safety



Wide-view Overhead Guard

Offers clearer view to the operator during lifting, improving safety.



Wide-angle Rear-View Mirror

Provides more comprehensive rear view for enhanced safety.

Unibody frame

Boltless, unibody design increases strength by up to **20%**, improves safety, and allows the forklift to handle uneven surfaces and curvy paths, and can withstand long, rigorous transporting operations.

Comfort



Adjustable Steering Wheel

Provide convenience and can customize to the operator's desired position.



Suspension Seat (Optional)

Optional Grammer suspension seat with tilting and sliding adjustment absorbs vibrations, improving comfort and safety.



Comfortable Operating Space

Ergonomic design minimizes operator fatigue from long working hours, increases operating space, improves work efficiency, and makes drivers more comfortable operating the forklift.

Superior Performance



Full Hydraulic Steering System

Offer lighter, more flexible steering, with reduced turning radius and handles driving large vehicle like a small vehicle.

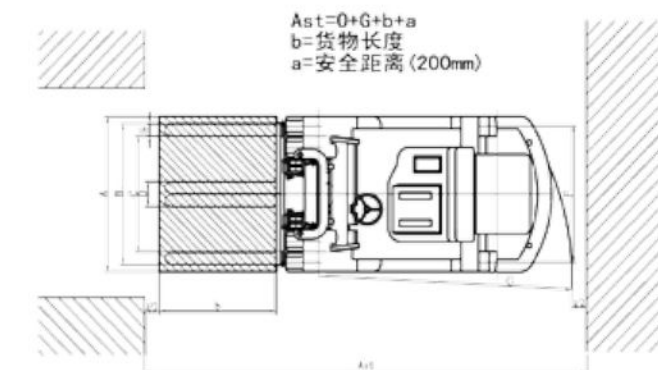
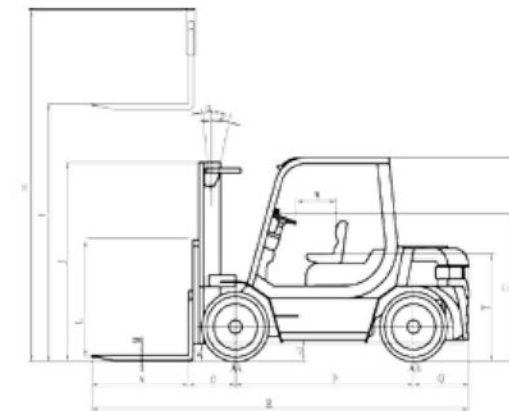
Electronic Throttle Control (ETC)

Allows better control of the engine speed, with quicker response and shortened response time to accelerate and decelerate.



Switchable Dual Speed Forward and Reverse Automatic Transmission

Low speed with a push of button provides higher torque; high speed provides faster acceleration.



Specification

Model		FDX40	FD45	FD50			
Capacity	Kg	4000	4500	5000			
Load center	mm	500	600	600			
Power type		Diesel	Diesel	Diesel			
Lift height	l mm	3000	3000	3000			
Mast tilting angle (Front/Rear)	α-β Deg	6°-12°	6°-12°	6°-12°			
Total width	A mm	1400	1450	1450			
Mast height (without load)	J mm	2210	2220	2220			
Overhead guard height	V mm	2190	2250	2250			
Min. turning radius (outside)	G mm	2800	3050	3200			
Max. height	H mm	4220	4220	4220			
Total length (without forks)	R mm	3135	3160	3355			
Engine	Manufacturer	ISUZU	YANMAR	XINCHAI	Perkins	XICHA	NISSAN
	Model	4JG2	4TNE98	498	1104D	4DX23	TD42

*Specifications subject to change without notice.