

## Diesel Forklift Truck 12-25 Ton



### Features of Diesel Forklift Truck 12-25 Ton

1. This diesel forklift truck adopts retracting mast, which reduces the load to the forklift truck, centralizes the loading center and increases the loading capacity.
2. It has super overload capacity, above 25 percent, to satisfy critical safety demands.
3. Imported wet type arrester brake is adopted for shorter braking distance and less maintenance.
4. This internal combustion forklift truck employs top-level engine for overall efficiency and performance. The high quality engine is also eco-friendly. It is specially placed for easier maintenance like oil change and filter change.
5. It is of U.S MICO electronic braking system.
6. Its standard cab can also be equipped with air conditioner, fan heater, monitor, backup alarm, or other parts.
7. Specially made shockproof seats and advanced steering system is adopted for easy and comfortable driving of the diesel forklift truck.
8. It adopts Okamura transmission case and has a wide view mast.
9. The cooling system of this diesel forklift truck is made up of water tank, intercooler, torque converter cooler, and hydraulic oil cooler. This cooling system is exclusively designed for construction machinery. It reduces the overall machine temperature, increases working time, and avoids the errors caused by overheated oil or water.

### Parameters of Diesel Forklift Truck 12-25 Ton

Model	FD120	FD140	FD160	FD18	FD200	FD250
Power type	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Rated capacity (kg)	12000	14000	16000	18000	20000	25000
Load center (mm)	1250	1250	1250	1250	1250	1250
Total weight (kg)	25530	28760	32400	36500	48100	55800
Tire	Pneumatic					
Front tire size	12.00×20-14PR	12.00×20-16PR	12.00×20-16PR	12.00×20-18PR	14.00×24-28PR	14.00×24-28PR
Rear tire size	12.00×20-14PR	12.00×20-16PR	12.00×20-16PR	12.00×20-18PR	14.00×24-28PR	14.00×24-28PR
Length to fork face (mm)	5200	5200	5500	5500	8575	8585
Overall width (mm)	2530	2530	2530	2530	3000	3000
Height of the overhead guard (mm)	3310	3310	3310	3310	3650	3650
Lift height (mm)	3000-6000					
Lifting Speed with/without load (mm/s)	310/340	310/340	310/340	310/340	310/340	310/340
Lowering Speed with/without load (mm/s)	400/300	400/300	400/300	400/300	400/300	400/300
Travel speed with/without load (KM/H)	20/30					
Min. turning radius (mm)	5000	5000	5150	5150	6000	6000
Climbing ability (%)	25					
Engine Options	YUCHAI 6108 ISUZU 4HK1 PERKINS 1106				YUCHAI 6M ISUZU 6HK1	
Fuel box capacity (L)	300				450	
Working pressure for attachment (mpa)	17.5					

Model	Power type	Rated capacity (kg)	Load center (mm)	Lift height (mm)	Engine Options
FD120	Diesel	12000	1200	4000	PERKINS 1106D ISUZU 4HK1 YUCHAI YC6108
FD140	Diesel	14000	1200	4000	
FD160	Diesel	16000	1200	4000	
FD180	Diesel	18000	1200	4000	
FD200	Diesel	20000	1200	4000	ISUZU 6HK1 YUCHAI YC6M
FD250	Diesel	25000	1200	4000	

### Configurations of Diesel Forklift Truck 12-25 Ton

Standard configurations of this diesel forklift truck include cartridge type filters for engine fuel, engine oil, transmission oil and hydraulic oil, cyclopack type double element air cleaner, electrically controlled parking brake, front dual drive wheels, fully hydrostatic power steering, heavy duty pneumatic tires, hydraulic internal expansion brake with oil, hydraulic oil level view gauge, overhead guard type cab, suspension seat, tilt adjustable steering volume, wide view 2 stage mast, operator tool kit, etc.

Optional configurations include fork of alternative length, mast of alternative height, fork extension sleeve, hydraulic cylinder type fork positioner with side shift, hydraulic motor type fork positioner with side shift, hydraulic cylinder type fork positioner, hydraulic motor type fork positioner, manual type fork positioner, side shift, front Halogen working lights, rear Halogen working lights, etc.

Hangzhou Global Friend Precision Machinery Company is an ISO9001:2000 certified China diesel forklift truck manufacturer. Since 1993, we have gained sufficient experience in designing, producing and supplying internal combustion forklift trucks. Our products, including gasoline forklift trucks, hand pallet trucks, DC electric forklift trucks, are CE, SGS certified. They are exported to USA, France, Russia, Spain, Brazil, and more countries. Please do not hesitate to contact us, if you are interested in our internal combustion forklift truck. Thank you!