

**NISSAN**  
FORKLIFT

# F05 Series

Pneumatic Tire/Engine Powered Models



# SET YOUR EXPECTATIONS HIGH!

## Five Good Reasons for Choosing the F05 Series:

### **n Powerful, Durable and Reliable FE6 and TD42 Diesel Engine**

Powerful yet friendly to the environment, the heavy-duty FE6 diesel engine is perfect for demanding applications. The TD42 diesel engine also helps provide you with the outstanding performance.

### **n New ECCS TB45 Gasoline Engine (LPG Single Fuel)**

The new TB45 gasoline engine with ECCS (Electronic Concentrated Control System) increases maximum output and lifting speed while reducing exhaust emissions.

### **n 2-stage Stator Torque Converter**

F05 Series models are equipped with a 2-stage stator torque converter that boosts maximum traveling speed to an impressive 34km/h (FE6 engine-equipped models, no load).

### **n Faster Lifting Speeds**

Nothing helps to increase productivity better than fast lifting speeds — 590mm/sec. for 5.0- and 6.0-ton models equipped with the FE6 engine (no load).

### **n Top Reliability, Top Quality**

A product of world-famous Nissan engineering, you can count on the F05 Series to deliver years of reliable performance with far less downtime.







# More Power, More Productivity

## Boosting Work Output to Its Highest Levels.



### FE6 Diesel Engine

If your forklift operations could benefit from faster traveling/lifting speeds and outstanding levels of power, the FE6 diesel engine is the perfect pick. Its unique direct fuel injection system enables this engine to provide substantial horsepower with impressive fuel economy.

Displacement:	Rated output:	Rated torque:
<b>6925cc</b>	<b>88kW/2100rpm</b>	<b>412Nm/1600rpm</b>



### ECCS TB45 Gasoline Engine (LPG Single Fuel)

The new TB45 engine features ECCS (Electronic Concentrated Control System) and a three-way catalytic converter as standard equipment. This combination reduces toxic components in the exhaust gas, enabling the TB45 to clear EPA Tier I emission standards, due to go into effect in January 2004, which are the strictest exhaust regulations in the world. ECCS helps to increase maximum output and lifting speed.

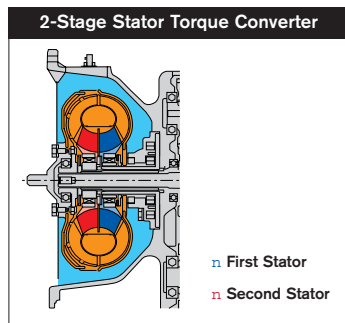
Displacement:	Rated output:	Rated torque:
<b>4478cc</b>	<b>75kW/2450rpm</b>	<b>297Nm/1600rpm</b>



### TD42 Diesel Engine

The F05 Series' choice of three powerplants — each designed to deliver uncompromising performance and reliability — provides you with the means to get tough jobs done quickly and efficiently. For example, the TD42 diesel engine features a highly rigid cylinder block and swirl combustion chamber with a sub-fuel injection port that improve output while reducing noise and fuel consumption.

Displacement:	Rated output:	Rated torque:
<b>4169cc</b>	<b>63kW/2300rpm</b>	<b>275Nm/1600rpm</b>



### Advanced Technology for Superior All-Round Performance

F05 Series forklifts are now equipped with a 2-stage stator torque converter that helps to improve all-round work efficiency by providing smoother, fatigue-free operation. Making it unnecessary for the operator to shift from low to high gear (1st to 2nd), the 2-stage stator torque converter is designed to eliminate shift shock. This greatly improves operator comfort — especially during long work shifts — and reduces the possibility of rocking the pallet when accelerating the forklift.



### Faster Traveling and Lifting Speeds

In addition to improving operating comfort, the 2-stage stator torque converter increases the maximum traveling speed of F05 forklifts — up to 34km/h for models (no load) equipped with the FE6 diesel engine. To further enhance productivity, the lifting speed of F05 forklifts has also been improved to an impressive 590mm/sec. (FE6 engine equipped 5.0- and 6.0-ton models, no load).

\*FE6 engine model (no load)

# Extra Ergonomics, Extra Comfort

The Operator is the Most Important Consideration.

## Ergonomically Designed Instrument Panel

A model of ergonomic design, the instrument panel enhances driving ease and provides quick recognition of vehicle status. The instrument panel is just one component of the comfortable cabin environment that enables the operator to concentrate on the task and accomplish it faster, safer, and with less fatigue.



## Hydrostatic Power Steering System

F05 forklifts are equipped with a hydrostatic power steering system that works to reduce steering effort and lessen fatigue over long hours of operation. Completely hydraulic in design with no mechanical linkages, the smooth operation of this system helps to eliminate kickback and oversteer characteristics.



## Single Control Lever

The convenient Single Control Lever (optional) allows the driver to perform simultaneous lifting and tilting operations with a single lever. Faster and easier load handling lead directly to greater productivity.



## Toggle-Joint Type Parking Brake

Unlike cumbersome "stick-type" parking brakes, F05 forklifts employ a toggle-joint type parking brake designed for smoother engagement and release. Its simple design also helps to improve durability and resistance to rust.



## Tilt Steering and Sliding Seat Adjustment

All F05 forklifts are equipped with tilt steering (up to 4 degrees forward or 7 degrees backward) that allows the operator to select the ideal driving position. And because operators come in all sizes, the seat accommodates with ample slide adjustment. Operators can also enjoy secure, comfortable forklift control with the optional Restraint seat with Suspension.



## Wide Open, Non-Skid Step

The wide-open step makes it safer and more convenient to mount or dismount the forklift. To further improve safety in demanding work conditions, the floorboard is constructed of embossed steel to reduce the possibility of slipping.





# Top Reliability, Top Quality

**The F05 Advantage: Years of Dependable Service.**



## Easier Maintenance and Servicing

Along with the kind of engineering that promises unsurpassed performance and productivity in all applications, F05 forklifts are designed with many features that facilitate maintenance and servicing. For example, the wide-opening top panel and radiator cover are equipped with gas stays and convenient hand grips that enable quick access to the engine compartment.



## Built for the Long Run

Built to provide years of reliable service in the most demanding materials handling operations, the superior engineering of the F05 Series is your guarantee of outstanding comfort, enhanced vehicle control, and exceptional safety. Attention to detail is evident throughout — for example, the hydraulic pipes and chains of the standard Wide View Mast are carefully designed to maximize forward visibility.



## Sturdy Overhead Guard

Conforming to ISO and ANSI/ASME international safety standards, the overhead guard provides reassuring protection. Its angular design also helps to improve forward and upward visibility.



## Headlights and Turn Signal Lamps

Powerful headlights provide safer operation in dark storage areas or at night. For extra durability, the headlights are shielded with protective guards.

## Specifications

Model	JF05H50PU WF05H50U VF05H50U	JF05H60PU WF05H60U VF05H60U	JF05H70PU WF05H70U VF05H70U
Engine Model	TB45, TD42, FE6	TB45, TD42, FE6	TB45, TD42, FE6
Load Capacity	kg 5000	6000	7000
Load Center	mm 600	600	600
Max. Fork Height (standard mast)	mm 3000	3000	3000
Overall Width	mm 1880	1990	1990
Overall Length (without forks)	mm 3475	3540	3635
Overall Height (overhead guard height)	mm 2375	2375	2375
Turning Radius (outside)	mm 3160	3200	3280

## Engine

Model	Nissan TB45	Nissan TD42	Nissan FE6
Displacement	cc 4478	4169	6925
Rated Output	kW/rpm 75/2450	63/2300	88/2100
Rated Torque	Nm/rpm 297/1600	275/1600	412/1600

## Option Availability

		Standard <input type="checkbox"/> Option <input type="checkbox"/>		
		LPG Engine	Diesel Engine	
		JF05	WF05	VF05
Vehicle Management	ECCS type			
	Three-way catalytic muffler			
	Overhead exhaust muffler			
	Cyclone air cleaner			
Masts	Two-stage wide view mast (2W)			
	Three-stage full free mast (3F)			
	Mast protector			
Carriage & Backrest	Shaft-type carriage			
	Wide carriage			
	Wide & high backrest			
	High backrest			
Control Lever	Single control lever			
	Double control levers			
LPG System	Complete (swing back) type			
	Less tank type			
	Less tank and bracket type			
Lights, Meters, etc.	Headlight with guard			
	Rear working light			
	Back-up buzzer			
	Parking brake warning buzzer			
	Rear combination lights			
	Hour meter			
	Water temperature meter			
	Torque converter oil temperature meter			
	Speedometer			
	Tires	J-lug tire (steel breaker)		
J-lug tire (textile)				
U-lug tire		*	*	*
Pneumatic type solid tire				
Spare tire				
Engine Control	Auto glow and auto stop system			
	Reduction starter			
	Anti-restart system			
	Neutral-start system			
Cabin	Steel cabin			
	Canvas cabin			
	Windshield glass			
Operating Ease	Heater			
	Rearview mirrors			
	Restraint seat with suspension			
	Rain guard			
Tools	Tool kit			

\*Front: J-lug (textile); rear: U-lug for 5.0-ton models.



Nissan Motor Co., Ltd. reserves the right to make any changes without notice concerning colors, equipment, or specifications detailed in this brochure, or to discontinue individual models. The colors of vehicles delivered may differ slightly from those in this brochure. The specifications vary for different countries depending on local market conditions. Please consult your local dealer to ensure that the vehicle delivered accords with your expectations.

## Nissan Full Lineup That Exceeds All Expectations



**NISSAN MOTOR CO., LTD.**

CEF5M-4 0902-3000 Printed in Japan

**NISSAN**  
**FORKLIFT**