

NISSAN

PNEUMATIC TIRE MODELS
DIESEL/GASOLINE/LPG

JX Series

1.0/1.35/1.5/1.75 tons

2.0/2.5/3.0 tons

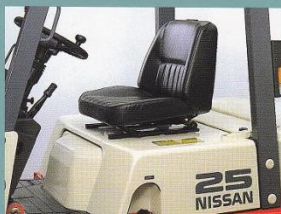


 **NISSAN**
FORKLIFT



A NEW ENGINE AND GREATER COMFORT

By incorporating a new low rpm—high torque engine into the JX Series we've not only enhanced an already superior level of power and mobility, we've also succeeded in producing a forklift with the fastest lifting speed in its class. In addition, the ergonomic design has increased operator comfort, while use of the highest class materials in construction guarantees impressive durability. In short, the JX Series represents the latest in forklift comfort, operability and performance. Take a look at the outstanding features of the new JX Series.



1 New Floating System
This system reduces vibrations felt by the operator.



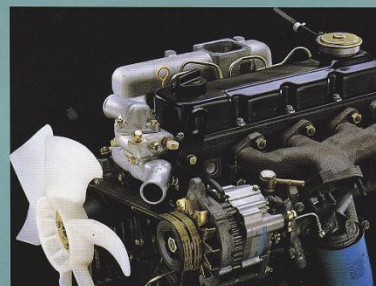
2 New Quality Suspension Seat
This new seat offers greater comfort.



3 High-Rigid Mast
The improved mast offers a greater degree of rigidity and resistance against torsion and bending. In addition, the tilt bracket has been strengthened.



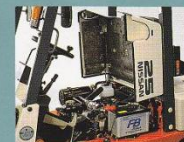
4 Fast Lifting Speed
An enlarged hydraulic pump and newly developed hydraulic load sensing valve (for 2-ton models) contribute to the impressive lifting speed.



5 New High-Powered Engine
Specially designed for forklift use, these hard-working engines turn ideal performance into a reality. [For new diesel engines (TD27, BD30) and improved gasoline engines (H15, H20-I, H20)]



6 Super Air Intake System
A new design brings fresh and clean air through the intake system and large cyclone air cleaner.



7 One-Way Open Top Panel
The fully open top panel facilitates easy inspection and maintenance.



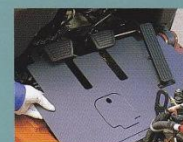
8 Overhead Guard
Enlarged and strengthened for greater operator safety.



9 Open Step
The open step design provides the operator easy entry and exit.



10 Instrument Cover
The new instrument cover enhances interior quality.



11 One-Touch Detachable Floor Board
Makes inspection and servicing quicker and easier, with less down time.



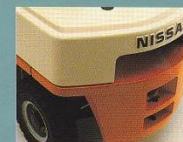
12 Ample Cooling Capacity
An improved radiating capacity provides greater engine and automatic transmission cooling capability.



13 Integrated Large Meter Panel
The easy-to-read panel design provides comprehensive information at a glance.



14 Tilt Cylinder Cover
Cylinder cover works as a wind screen.



15 Ideal Counterweight Design
The newly designed cornered counterweight allows sharper turns.

*The turn signal, rear combination and rear operation lamps are optional.



NEW HIGH-POWERED ENGINE

The new, high-powered fuel-efficient JX Series engine carries heavy loads with ease and offers high torque at low engine rpm, a requirement for forklifts

which constantly start and stop. In addition, overall performance—such as start dash, travel speed and lifting speed—is greatly enhanced.

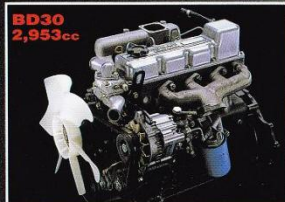
The new high-powered diesel engine offers high-performance.



TD27
2,663cc

High power and a low noise level are achieved by adopting a vertical glow-plug high swirl combustion chamber and quiet, highly efficient intake and exhaust system.

Rated output,	Rated torque,
60 ps/2,500 rpm (JIS)	17.5 kg-m/1,600 rpm (JIS)
61 hp/2,500 rpm (SAE Gross)	132 ft-lb/1,600 rpm (SAE Gross)

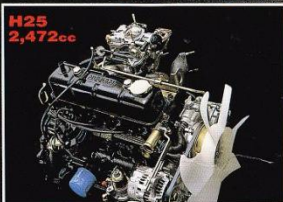


BD30
2,953cc

This high-powered direct injection engine offers remarkable combustion efficiency and surprisingly low fuel consumption for increased productivity.

Rated output,	Rated torque,
66 ps/2,400 rpm (JIS)	20.0 kg-m/1,600 rpm (JIS)
67 hp/2,400 rpm (SAE Gross)	148 ft-lb/1,600 rpm (SAE Gross)

New gasoline engine enhances torque at low engine speeds.



H25
2,472cc

This new engine features high intake efficiency thus providing efficient, high-power output.

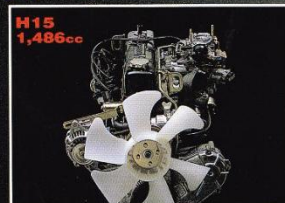
Rated output,	Rated torque,
60 ps/2,500 rpm (JIS)	19.0 kg-m/1,600 rpm (JIS)
64 hp/2,500 rpm (SAE Gross)	140 ft-lb/1,600 rpm (SAE Gross)



H20-II
1,982cc

This highly reputable engine features enhanced reliability, efficiency and quieter operation.

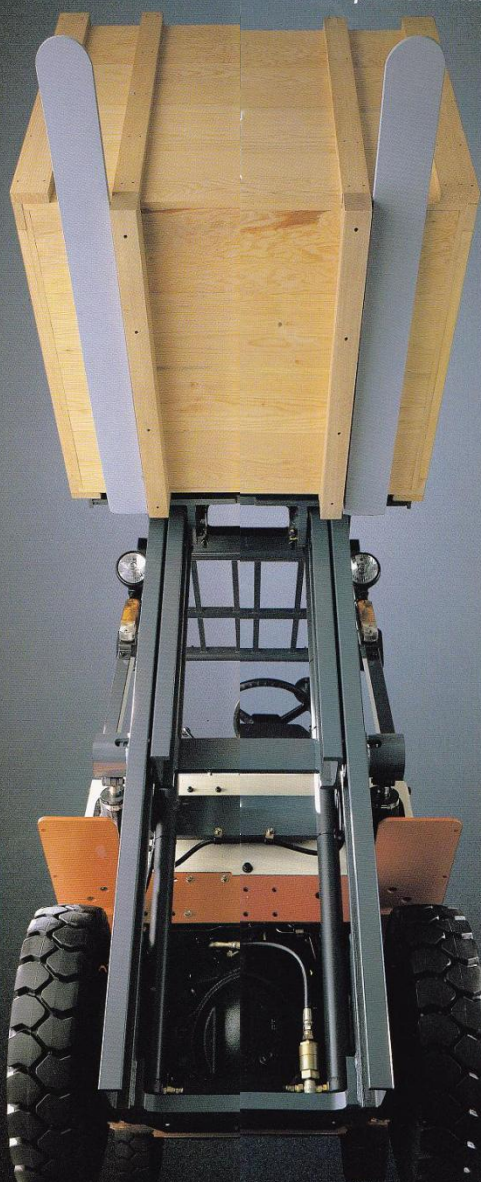
Rated output,	Rated torque,
50 ps/2,600 rpm (JIS)	15.5 kg-m/1,600 rpm (JIS)
54 hp/2,600 rpm (SAE Gross)	116 ft-lb/1,600 rpm (SAE Gross)



H15
1,486cc

Power and economy combine for a new engine that offers smooth, undiminished performance.

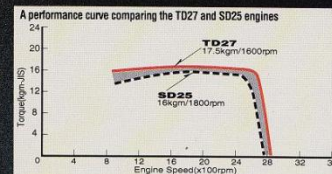
Rated output,	Rated torque,
39 ps/2,700 rpm (JIS)	11.5 kg-m/1,600 rpm (JIS)
43 hp/2,700 rpm (SAE Gross)	87 ft-lb/1,600 rpm (SAE Gross)



A variety of special features and functions make these engines special.

The capabilities of our new high-performance engine.

The illustration below depicts torque curve. Compared to a former model (SD25), this new TD27 engine realizes higher torque at low engine speeds. Initial accelerating speed, so important in forklift operation, is also improved.

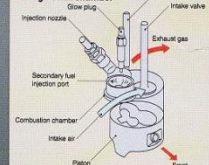


Vertical Glow Plug and High-Swirl Chamber (TD27)

● Swirl-speed is improved thanks to a vertical glow plug and a high swirl-type combustion chamber with a secondary fuel injection port. In addition, a cross-flow cylinder head offers improved combustion efficiency.

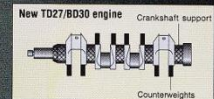
● Optimized fuel-injection timing and large-diameter intake and exhaust valves contribute to the engine's high output and low fuel consumption.

Adoption of vertical glow plug and high-swirl chamber

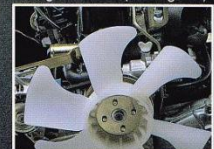


Reduced Noise and Vibration

● We've incorporated an 8-balance crankshaft to reduce engine vibration and noise.



● An F-shaped cooling fan helps to reduce fan noise. The engine's highly rigid cylinder block and cylinder head contribute to an overall reduction in engine noise. (All engines)



Enhanced Durability and Reliability

● We've used a dual fan belt to achieve longer belt life and reduce the early occurrence belt squeaking. (TD27/BD30)



Improved Auto Glow and Auto Stop System

In addition to the conventional quick glow system, JX Series forklifts also feature a new double-material glow plug which improves durability and minimizes electricity consumption. Furthermore, the plug heats up quickly after key-on. (TD27)

Full-Transistor Distributor with Built-In Ignition Coil (Gasoline engine)

This new distributor features a compact and lightweight, fully integrated ignition system which minimizes possible wire breakage and wire disconnection. In addition, the distributor cap seal has been improved to offer greater resistance to dirt and water.

Auto Choke (Gasoline engine)

All H-Series engines include auto choke engines as standard equipment.



MAIN SPECIFICATIONS

Model			J01A/M10U PJ01A10U FJ01A/M10U	J01A/M14U PJ01A14U	J01A/M15U PJ01A15U FJ01A/M15U	J01A/M18U PJ01A18U FJ01A/M18U	PJ02A20U UJ02A20U FJ02A/M20U YJ02A/M20U	PJ02A25U UJ02A25U FJ02A/M25U YJ02A/M25U	UGJ02A30U FGJ02A/M30U FGJ02F30U YGJ02A/M30U
Engine	Gasoline	H15	○	○	○	○			
		H20-II	○	○	○	○	○	○	
		H25					○	○	○
	Diesel	TD27	○		○	○	○	○	○
		BD30					○	○	○
Load Capacity		kg	1000	1350	1500	1750	2000	2500	3000
		lb	2000	2700	3000	3500	4000	5000	6000
Load Center		mm	500	500	500	500	500	500	500
		in	24	24	24	24	24	24	24
Maximum Fork Height (MFH)		mm	3000	3000	3000	3000	3000	3000	3000
		in	118	118	118	118	118	118	118
Free Lift		mm	155	155	155	155	150	150	155
		in	6.1	6.1	6.1	6.1	5.9	5.9	6.1
Wheelbase		mm	1400	1400	1400	1400	1650	1650	1760
		in	55.1	55.1	55.1	55.1	65.0	65.0	69.3
Turning Radius (outside)		mm	1890	1950	1970	2000	2190	2250	2390
		in	74.4	76.8	77.6	78.7	86.2	88.6	94.1
Length to Fork Face		mm	2190	2245	2260	2295	2530	2605	2770
		in	86.2	88.4	89.0	90.4	99.6	102.6	109.1
Overall Width		mm	1065	1065	1065	1065	1155	1155	1235
		in	41.9	41.9	41.9	41.9	45.5	45.5	48.6
Overall Height (Overhead guard high)		mm	2060	2060	2060	2060	2070	2070	2100
		in	81.1	81.1	81.1	81.1	81.5	81.5	82.7
Intersecting Aisle Width		mm	1790	1810	1820	1835	1985	2015	2110
		in	70.5	71.3	71.7	72.2	78.1	79.3	83.1
Basic Right Angle Stacking Aisle Width		mm	2290	2350	2370	2400	2645	2705	2875
		in	90.2	92.5	93.3	94.5	104.1	106.5	113.2

ENGINE SPECIFICATIONS

Model		H15	H20-II	H25	TD27	BD30
		Gasoline			Diesel	
Engine Displacement	cm ³	1486	1982	2472	2663	2953
	cu-in	90.68	120.94	150.84	162.50	180.19
Rated Horsepower	PS/rpm-JIS	39/2700	50/2600	60/2500	60/2500	66/2400
	HP/rpm-SAE Gross	43/2700	54/2600	64/2500	61/2500	67/2400
Rated Torque	kg-m/rpm-JIS	11.5/1600	15.5/1600	19.0/1600	17.5/1600	20.0/1600
	ft-lb/rpm-SAE Gross	87/1600	116/1600	140/1600	132/1600	148/1600



J01

Gasoline, LPG & Diesel
Load Capacity: 1000kg, 1350kg, 1500kg, 1750kg
Load Center: 500mm



J02

Gasoline, LPG & Diesel
Load Capacity: 2000kg, 2500kg, 3000kg
Load Center: 500mm

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