



D20NX / D25NX / D30NX / D33NX / D35NX  
D20NXP / D25NXP / D30NXP / D33NXP / D35NXP

# NX SERIES FORKLIFTS

Diesel 2.0 to 3.5 ton Capacity





Everything has been changed. New NX, The Game Changer.

## Experience the fully enhanced value of NX Series

The new NX series offering outstanding power, durability and operator comfort realizes customer satisfaction through providing the best productivity and convenience in various industrial applications.

### NEW STYLISH DESIGN

- By applying the **Doosan New design**, it represents the Doosan's unique exterior.

### POWERFUL PERFORMANCE

- The combination of powerful engine and rigid transaxle provides **25%** of gradeability with loaded.
- With the optimized Doosan hydraulic system, NX has unbeatable travel / lifting speed.



### OUTSTANDING DURABILITY

- **New aux weight design** lowers the center of gravity and helps reducing noise, vibration and heat.
- Cooling capacity has increased by optimizing the air flow of engine room and counter weight design.
- Anti dust head guard design and dual element air cleaner extend the service interval and guarantee the durability of engine.
- The mast has higher stiffness, makes operation more stable.

### EXCELLENT OPERATOR COMFORT

- Leg room is enlarged by about **30%** than previous model.
- Clearance & angle of accel & brake pedals are improved to decrease fatigue of ankle.
- Compact steering wheel allows quick control and reduces wrist fatigue.
- Mast visibility has improved by rearranging the hoses & chains.
- Front/rear visibility has been increased by improving the design of FCU & Counterweight



# Powerful Performance

The combination of powerful engine, transmission, and drive axle maximizes the performance and gives best productivity in various work applications.

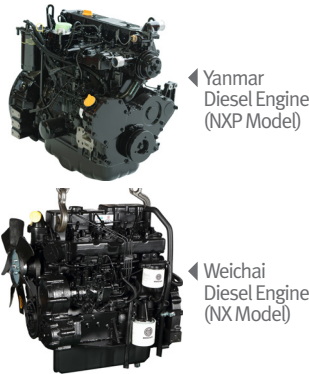
## Aux Weight

The new aux-weight structure increases the stability of vehicle. The lowered center of gravity enhances lifting capacity at high height racking and gradeability.

## High Powered, Fuel Efficient Engine

This Yanmar diesel engine gives high-torque at low RPM, designed for industrial vehicles. It effectively improves acceleration, driving and climbing performance of the forklift. It is complied with Euro Stage IIIA or EPA Interim Tier IV.

Weichai diesel engine gives high performance. It's optimized torque & RPM ratio gives maximum working performance in climbing and lifting



## Powerful Gradeability

With the powerful engine, transaxle and aux weight structure, gradeability is maximized and makes it easy to go up the 25% steep slopes.

Max Gradeability. (@1.6km/h, Laden, 3.0t capacity truck)



## High Residual Capacity

NX can lift about 10% more weight at the same height with the aux weight structure and powerful hydraulic system. It is suitable for work areas with high rack height.



## Outstanding Stability

The new aux-weight lowers the center of gravity and enables to lift heavier load. It is suitable for those applications handling heavy load.



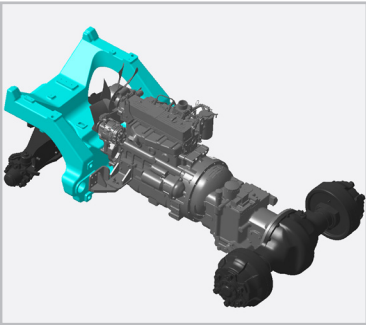
## High Speed of Lifting / Lowering

Gear pump and mast regulator valve are optimized to increase the lifting / lowering speed and it makes operation more productive.



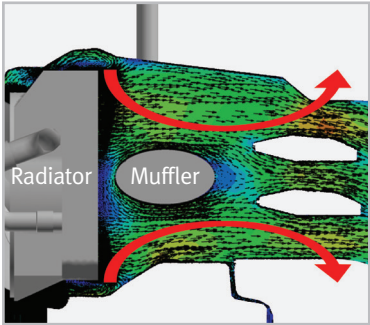
# Durability Guaranteed

The NX Series is equipped with advanced design to reduce noise, vibration, heat, dust - inflow, ensures durability of major components. With the improved design and additional option, NX guarantees durability in harsh operating conditions.



## Aux Weight

Many troubles are caused by vibration. In NX series, the engine is mounted on the Aux. weights to effectively absorb vibration and suppress noise. It extends parts durability and prevents durability decline and oil leakage.



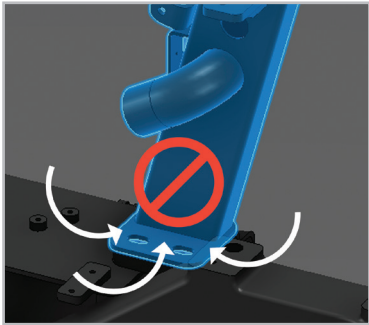
## Optimized Air Flow

Air flow is optimized by improving muffler position, clearance between parts and enlarging the inner space of counter weight. It streamlines the air flow and increases the cooling performance.



## Robust Mast

Reinforcement rib(J channel) of mast beam improves mast stiffness and lateral stability. Six roller carriage gives superior strength and durability for wider and longer loads.



## Anti Dust Design

The bottom-sealed overhead guard absolutely eliminates the dust inflow from the bottom side.



## Dual Elements Air Cleaner

Air cleaner with dual element filter protects engine against dust effectively, ensuring the durability of engine. It is equipped as standard in NX Plus model.



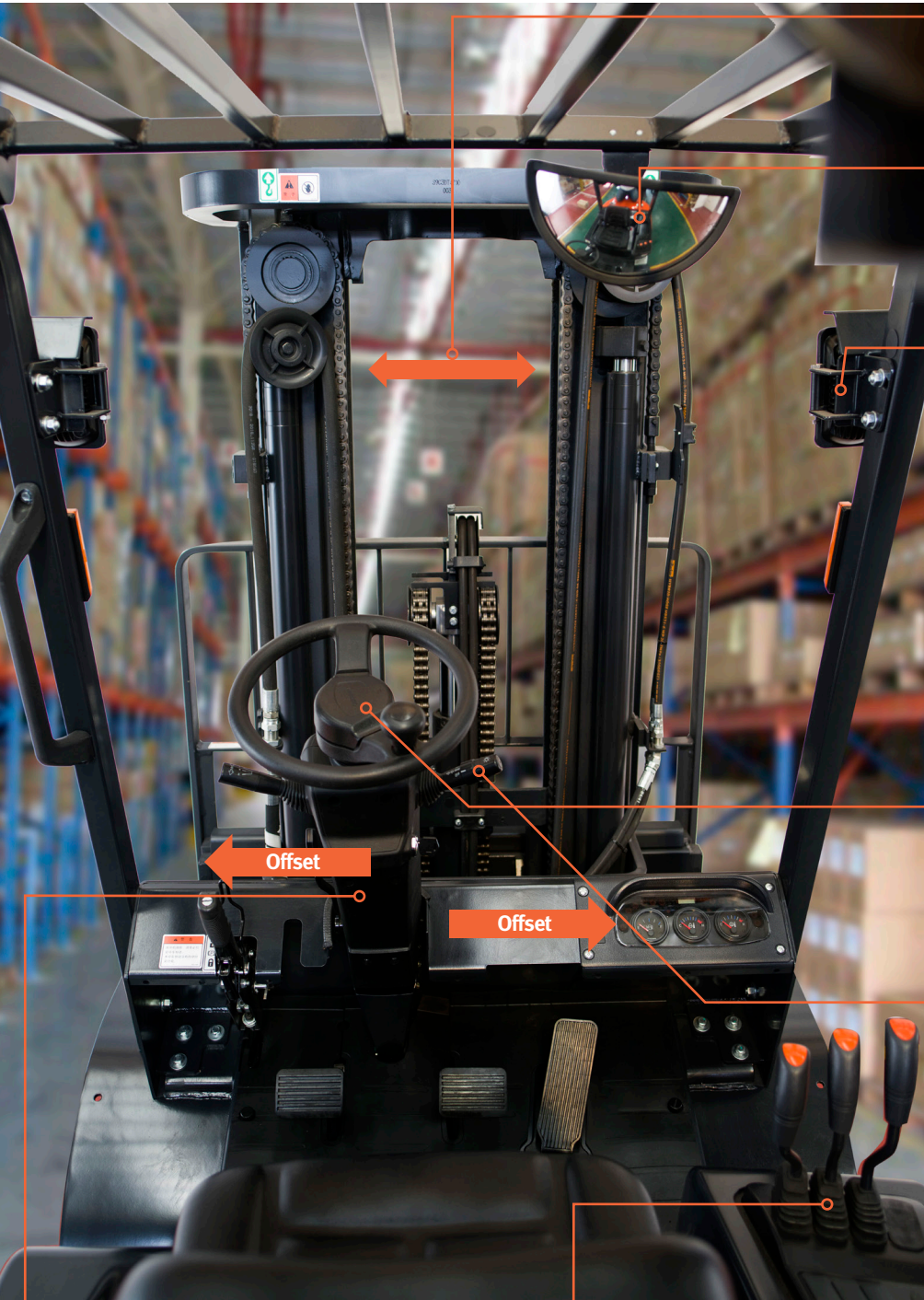
## Pre Cleaner (Option)

In a dusty environment, pre-cleaner removes dust in advance and extends lifecycle of air cleaner effectively.



# Excellent Operator Comfort

The operator compartment is more spacious and ergonomically designed to reduce driver’s fatigue. It enables more comfort and safe operation.



**Wide Mast Visibility**  
Neatly arranged hoses and chains provide wide visibility.

**Panoramic Mirror**  
The panoramic mirror offers wide rear view and greatly improves driving safety.

**LED Lamp**  
Long-lasting, high-brightness LED lights is equipped as standard feature.



**Small Steering Wheel**  
Compact steering wheel offers steering convenience and reduces operator fatigue.

**Integrated Lamp Switch**  
The turn signal and head lamp switches are integrated for convenient operation.

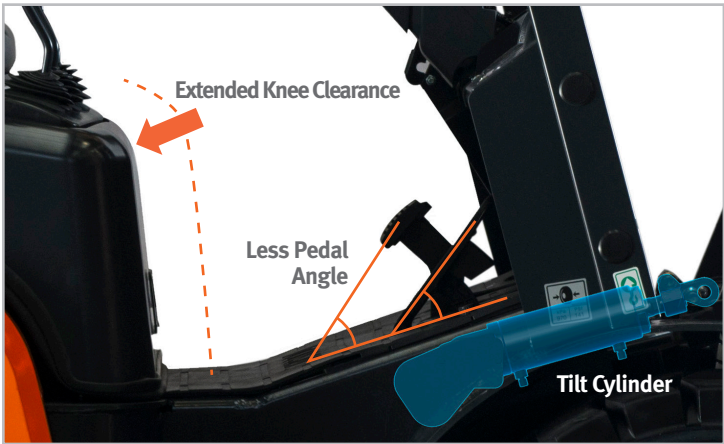


**Steering Column & Instrument Panel Offset**  
Steering column is shifted to the left for more comfortable posture.  
Instrument panel is also shifted o the right for easier viewing.

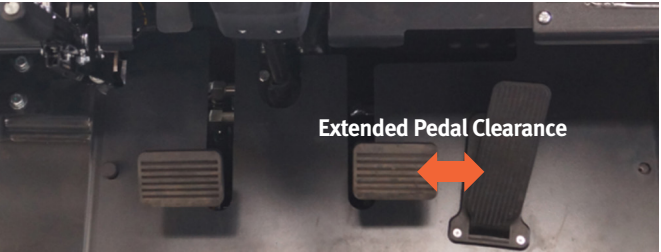
**Hood Mounted Hydraulic Control Levers**  
Hood mounted Control levers really reduces operator’s fatigue with it’s comfortable position.  
· NX : Cowl mounted  
· NXP : Hood mounted



**Improved Front / Rear Visibility**  
The improvement of FCU column height and counter weight design has increased front and rear visibility and enables safer driving.



**More Spacious Leg Room**  
The knee clearance is widened and tilt cylinder is removed on the floor plate, it allows more spacious leg room.  
Accel and brake pedal clearance and angle are improved to reduce ankle fatigue.



**Adjustable Tilt Steering Column**  
The steering column can be adjusted over a wide range of angles, allowing optimal posture for operator.




**Extended Steering Angle**  
Turning radius is improved by increasing the steering angle.  
It brings more maneuverability in small space.

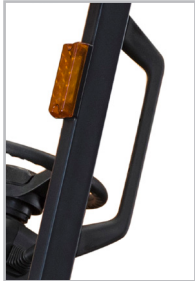


## Enhanced Safety


NX helps safer operation. NX is equipped with various safety features. It prevents unexpected accidents, ensuring safety of employees.




**Large Entry Grip Bar**  
The entry grip bar is larger, so it is easy to grip and allows safer ride on / off.




**Anti-Skid Step Plate**  
The wider step plate prevents slipping and it also helps safer ride on / off.






**Rearranging of Tilt Cylinder**  
Tilt cylinder is removed on the floor plate, preventing operator from falling over.



**OSS\* (Operator Sensing System)**  
OSS function avoids any unintended truck movements when the operator is not seated.

- 1 Warning when operator leaves the seat without parking brake.
- 2 Warning when operator drives without seatbelt fastened.
- 3 Automatically stop the vehicle when operator leaves the seat.



**ISO3691\* Hyd. Locking Valve**  
If operator leaves or turns-off the truck, this system will automatically lock the hydraulic function, not allowing lifting, tilting, lowering.

\*NXP only

## Improved Serviceability

NX offers outstanding serviceability. It is designed considering maintenance and can be repaired easier and quicker.



**Junction Box**  
Fuse and relay are concentrated for easy maintenance.

**Removable Side Cover**  
By applying knob bolt, it can be disassembled by hand.

**Wide Open Hood Angle**  
It is easy to access engine room by enlarging the hood open angle.

**Hood Locking Cylinder**  
It helps easy maintenance and prevents safety accident.



## Better Serviceability

### Worldwide Service Network

- Head quarter
- Overseas offices and service centers



Doosan provides high-quality support, relying on its extensive dealer network. No matter where you are located, highly-skilled professionals are always ready to help you, guaranteeing maximum uptime.



**Doosan Genuine Parts**  
The parts warehouse, supplies high quality Doosan parts to the dealer network.





Main Specifications

Model Designation		D20NXP	D25NXP	D30NXP	D33NXP	D35NXP	D20NX	D25NX	D30NX	D33NX	D35NX
Load Capacity	kg	2,000	2,500	3,000	3,300	3,500	2,000	2,500	3,000	3,300	3,500
Load Center	mm	500	500	500	500	500	500	500	500	500	500
Load Distance, Centre of Drive Axle to Fork	mm	477	477	482	487	487	467	467	472	477	477
Wheelbase	mm	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
Height, Mast Lowered	mm	2,045	2,045	2,045	2,045	2,045	2,045	2,045	2,045	2,045	2,045
Free Lift	mm	150	150	150	150	150	150	150	150	150	150
Lift (with STD 2-Stage Mast)	mm	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Height, Mast Extended	mm	4,247	4,247	4,247	4,252	4,252	4,247	4,247	4,247	4,252	4,252
Height of Overhead Guard (Cabin)	mm	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160	2,160
Height of Seat	mm	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185	1,185
Overall Length	mm	3,610	3,660	3,715	3,780	3,800	3,610	3,660	3,715	3,780	3,800
Length to Fork Face	mm	2,560	2,610	2,665	2,730	2,750	2,560	2,610	2,665	2,730	2,750
Overall Width	mm	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290	1,290
Turning Radius	mm	2,280	2,330	2,415	2,460	2,480	2,275	2,325	2,410	2,455	2,475

Standard Features and Optional Extras

Performance				Durability				Operator Comfort				Safety			
	NX	NX Plus	NXPremium		NX	NX Plus	NXPremium		NX	NX Plus	NXPremium		NX	NX Plus	NXPremium
Engine Manufacturer/Type	Weichai WP 3.2	Yanmar 4TNE98		Mast with JJ Beam				Hydraulic Control Levers	Cowl Mounted	Hood Mounted		Operator Sensing System	N/A		
Emission Regulation	Non-Certi	Tier3 and Stage 3A		Anti Dust Overhead Guard				Spacious Leg Room/ Comfort Pedal Layout				Control Valve with Hydraulic Locking	N/A		
				Dual Element Air Cleaner				Clear Front/Rear/ Mast Visibility				Engine Shut Down	N/A		
				Donaldson Air Cleaner	N/A			LED Combination Lamps				Rear Safety Light			
Transmission Type	Power Shift/ Manual Shift	Auto Shift		Heavy Duty Radiator				Small Steering Wheel				Strobe			
				High Speed Fan				Large Entry Grip Bar				Spark Arrester			
				Pre Cleaner				Anti-Skid Step Plate							
				Vented Side Panel				Panoramic Mirror							
Aux. Weight				Radiator Screen				Integrated Lamp Switch				Serviceability			
Power Shoe Brakes				Autoshift Controller	N/A			Adjustable Steering Column				Wide Hood Open Range			
								Steering Knob				Junction Box			
								Modular Cabin - Type A,B,C				Toolless Side Panel			
								Rear Grab Bar with Horn				Hood Locking Cylinder			
								Quick Disconnect Hose Couplings							
								Full Cabin with Heater							
								Fan							

STDOPTION



# About Doosan

Values that drive our future growth

## Trust in people is the foundation on which Doosan has built its century of success

Doosan has always put ‘People’ first for the past 100 years, based on our management philosophies.- ‘Business is not meant to make profits, but to help people grow.’ (Late Too Pyung Park, First Chairman), and continues to spur corporate development with global competitiveness originated from human resources.

## Doosan the oldest, but fastest growing company

Doosan has recorded the longest business history since its inauguration in 1896, but has grown at its most rapid pace for the past 10 years.

## Doosan-the global Infrastructure Support Business (ISB) company

Doosan has created in excess of 90% of its sales within the ISB sector through vigorous reorganisation of its business portfolio since 1998. In the past, 70% of our business was concentrated on consumer goods, but we have successfully transformed our business DNA to the infrastructure support business that constructs and reinforces social infrastructure.

## Doosan, surging as a global company

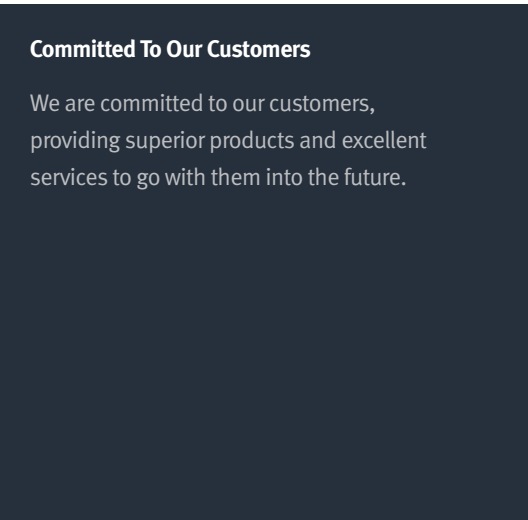
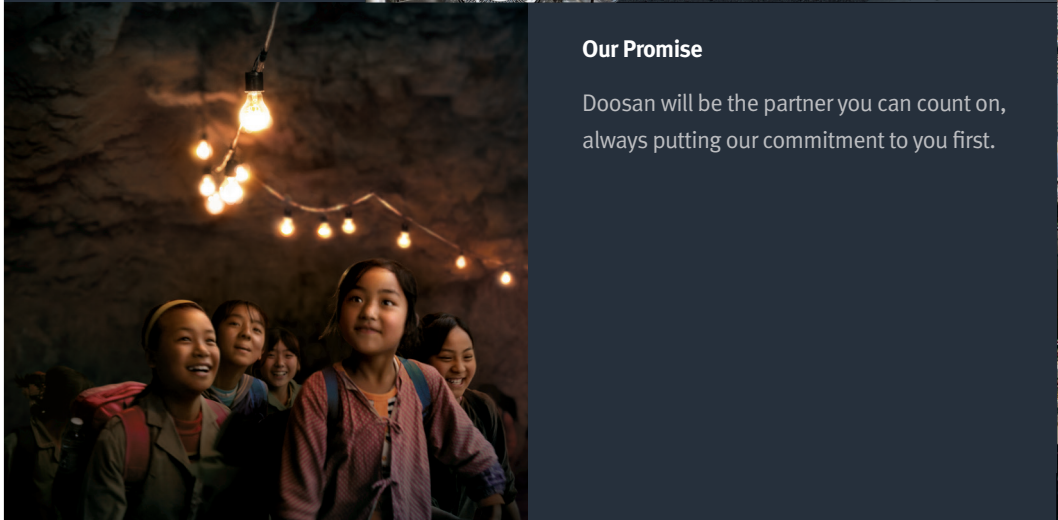
Doosan has become the global ISB leader based on its world class products and services. In addition, as a true global company, Doosan’s overseas employees encompass 50% of its human resources, and overseas sales take more than over 60% of the total sales.



Doosan Infracore - Construction equipment



Doosan Bobcat - Skid loader (with Doosan engine)



Doosan Heavy - Marine engines



**Doosan Way**  
The Doosan Way is our unique way of doing business; the philosophy and culture that will guide us to become the “Proud Global Doosan.”






Doosan Heavy - Seawater desalination plants

### Our Promise

Doosan will be the partner you can count on, always putting our commitment to you first.





-  Production Subsidiary
-  Sales Subsidiary
-  Parts Depot Center



Doosan Corporation Industrial Vehicle  
Web site: [www.doosan-iv.com](http://www.doosan-iv.com)

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