

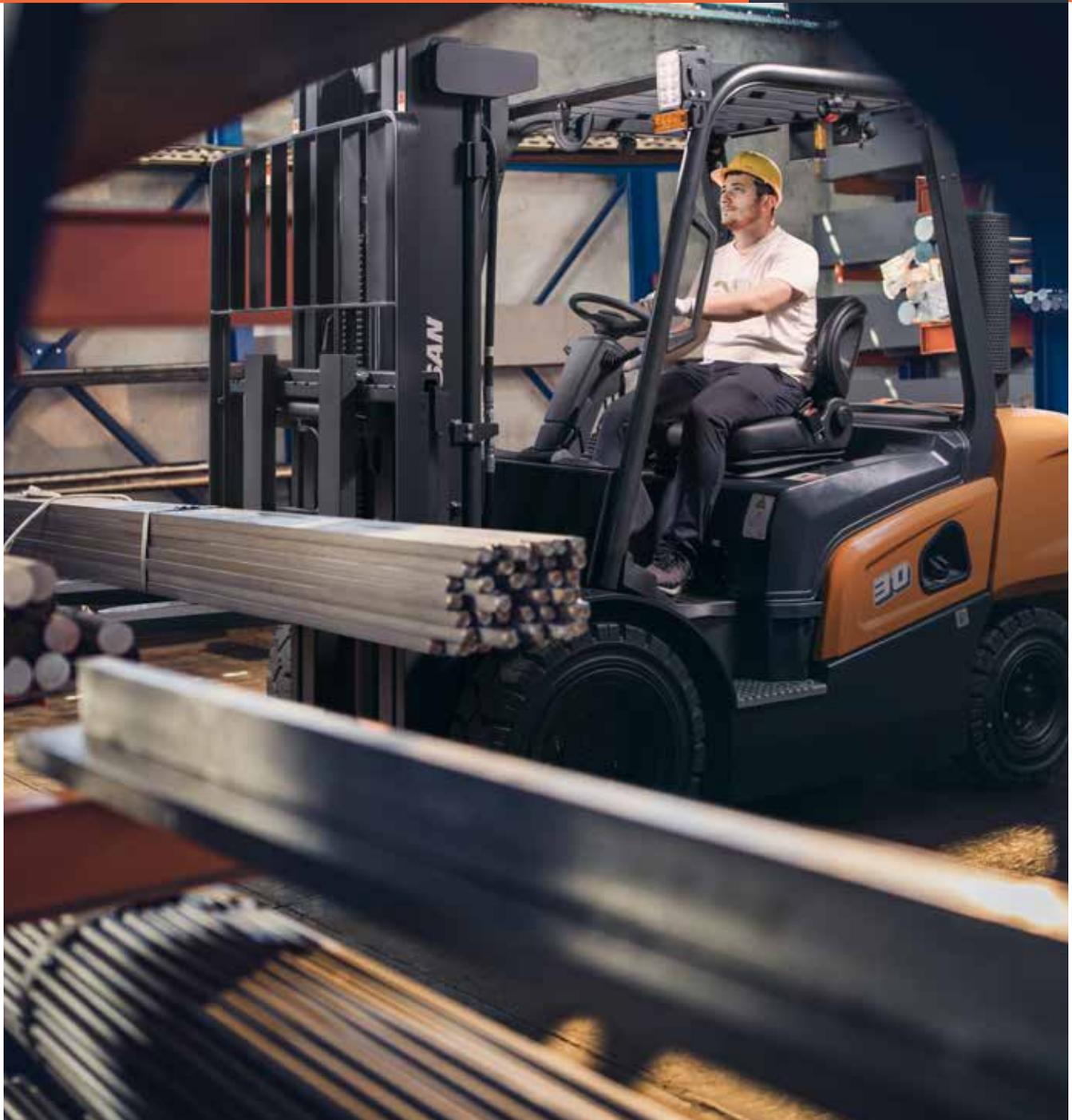


D20NXS / D25NXS / D30NXS / D33NXS / D35NXS

NXS SERIES FORKLIFTS

Pneumatic Diesel 2.0 to 3.5 ton capacity

Euro Stage V



Features overview

Customer satisfaction is important to us, and with the new internal combustion forklifts, this is guaranteed. They provide great power, excellent performance, driving comfort, reliability and outstanding fuel efficiency.

MAXIMUM PRODUCTIVITY

- Fuel-efficient engine
- Multi torque mode
- Powerful gradeability

SAFETY

- Excellent visibility
- Speed limit
- Reverse lock

OPTIMAL ERGONOMICS

- Significantly low noise level
- Spacious leg room
- Full colour LCD display

EXCELLENT RELIABILITY

- Oil cooled disc brakes
- Low maintenance engine
- Integrated vehicle control unit

GREAT SERVICEABILITY

- Removable side cover
- Junction box
- Ease-of-access to all main components



Maximum Productivity



image can include optional equipment

Multi torque mode

Doosan offers 3 performance engine maps. The NXS-Series gives you the opportunity to select the mode that best suits your working environment.

1. ECO mode

Eco mode gives you the chance to save fuel by increasing the efficiency of fuel consumption. The truck's power is monitored to minimize fuel consumption caused by unnecessary acceleration.

2. Standard mode

In this mode, output is not controlled.

3. High mode

This mode is useful for heavy duty work. The output of the truck is increased. High mode is recommended for rental applications as it improves the workability of the truck.



Strong and powerful Doosan G2 diesel engine

The NXS-Series offers excellent travel speed/lift speed/gradeability compared to other competitors. Maximise your productivity with the NXS-Series. The complied Euro Stage V engine delivers high torque at low RPM. It effectively improves acceleration, driving, and climbing performance of the forklift.

Outstanding Stability

The truck's centre of gravity is moved backwards and downwards, which improves stability and lifting power. Superior performance in heavy load applications.



Wide Steering Angle

The increased steering angle makes manoeuvring in small spaces more convenient.



Powerful gradeability

The combination of the powerful engine, transaxle and new frame structure, has maximised the gradeability. The NXS-Series has no trouble riding up 25% steep inclines. (D30NXS, Gradeability @1.6km/h, loaded)



25%

Safety

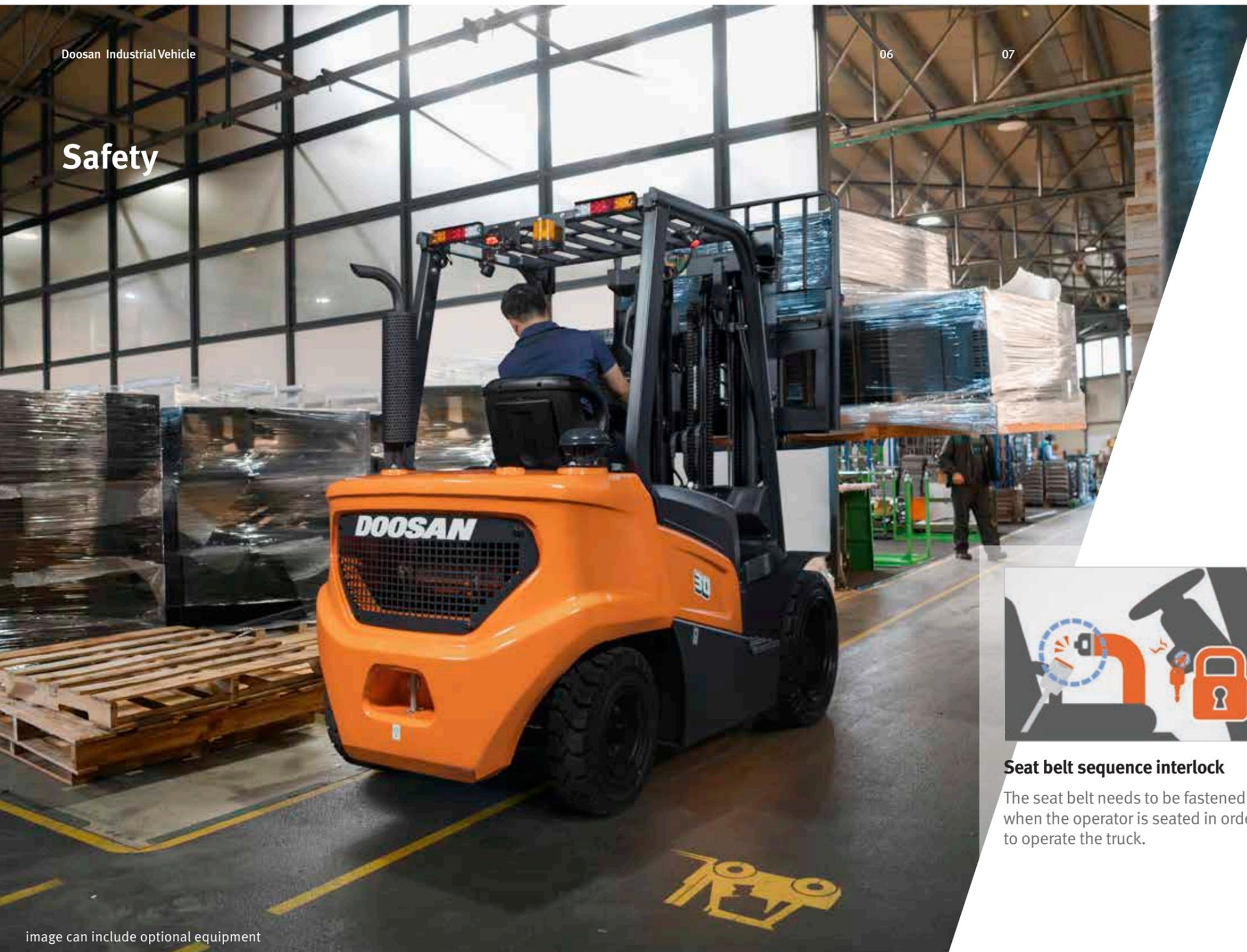


image can include optional equipment



Electric parking brake

The parking brake can be operated by a switch and is automatically activated.



Ground speed control

You can adjust the forward / reverse truck speed differently.



Seat belt sequence interlock

The seat belt needs to be fastened when the operator is seated in order to operate the truck.



Operator Sensing System (OSS)

Whenever the operator leaves the seat, the truck travel and mast lifting functions will stop. This systems avoids any unintended forklift movements when the operator is not seated.



Reverse lock

Changing from moving forward to reverse is only possible if the truck speed is below 3 km/h.

Fence lights **OPTION**

A warning is given to pedestrians by projecting red lines around the vehicle. Front and rear safety lights are also available.



Blue safety light **OPTION**

Projects a blue spot on the floor to alert pedestrians.



Mast Lowering Interlock & Tilt Lock (ISO3691)

When the operator leaves the truck unattended, the hydraulic locking system prevents unintentional lowering and tilting of the mast. It safeguards the truck, the load and the work array.



Anti-slip step plate

The wider step plate prevents slipping and also helps to make getting on and off the truck safer.



Optimal Ergonomics



Full color LCD display

5-inch is standard, 7-inch is optional. The bright and clear panel is very visible outdoors and keeps the operator informed about the conditions of the machine.

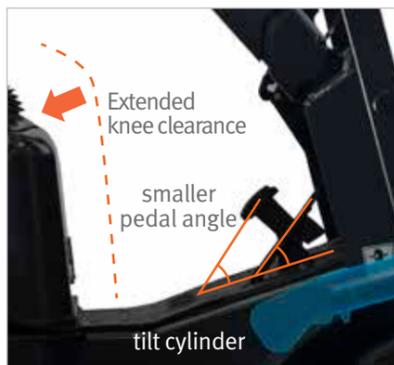


Panoramic mirror

The panoramic mirror offers a wide view to the rear and greatly improves driving safety.

Improved visibility

The NXS Series forklifts have great visibility allowing the operator to work safely and comfortably. If you opt for a cabin, the enlarged rounded glass and the lowered cowl height provide great forward and upward visibility. If you choose the overhead guard, the neatly arranged hydraulic hoses and chains provide a clear view to the front through the mast.



Spacious leg room

The knee clearance is widened and the tilt cylinder is removed on the floor plate. Acceleration and brake pedal clearance and angle are improved to reduce ankle fatigue.



LED lights

Long-lasting, very bright LED lighting is part of the standard equipment.

39°

Steering wheel providing fore-/backwards adjustment

OPTION
Suspension seat

77dBA

*noise level at driver's ear



Low noise level

A new powertrain of U-joint type and oil cooled disc brakes are applied which results in low noise and reduced vibration.

Excellent reliability & serviceability



Hood Locking Cylinder

It helps easy maintenance and prevents safety accident.



Junction Box

The electronic components are centralized so service can be done quickly and easily.



Easy diagnose

Diagnosing the condition of the truck can be done with just a cable and a laptop, so that your service technician can act appropriately and service your truck as quickly as possible.



Service notification

Truck breakdown and consumable replacement cycles are notified on the display. Service information can be retrieved easily, which results in even quicker service.

Integrated type vehicle control unit (VCU)

This smart, innovative system offers the integrated control of various decentralized control units in combination with CAN communication, enabling vehicle diagnostics and management as well as various safety and comfort functions on demand. The system can be updated when new functions are available.



Counterweight top cover

The radiator can be easily inspected and replaced if necessary.

Counterweight rear cover

Easy to check and replace the muffler.



Wide Open Hood Angle

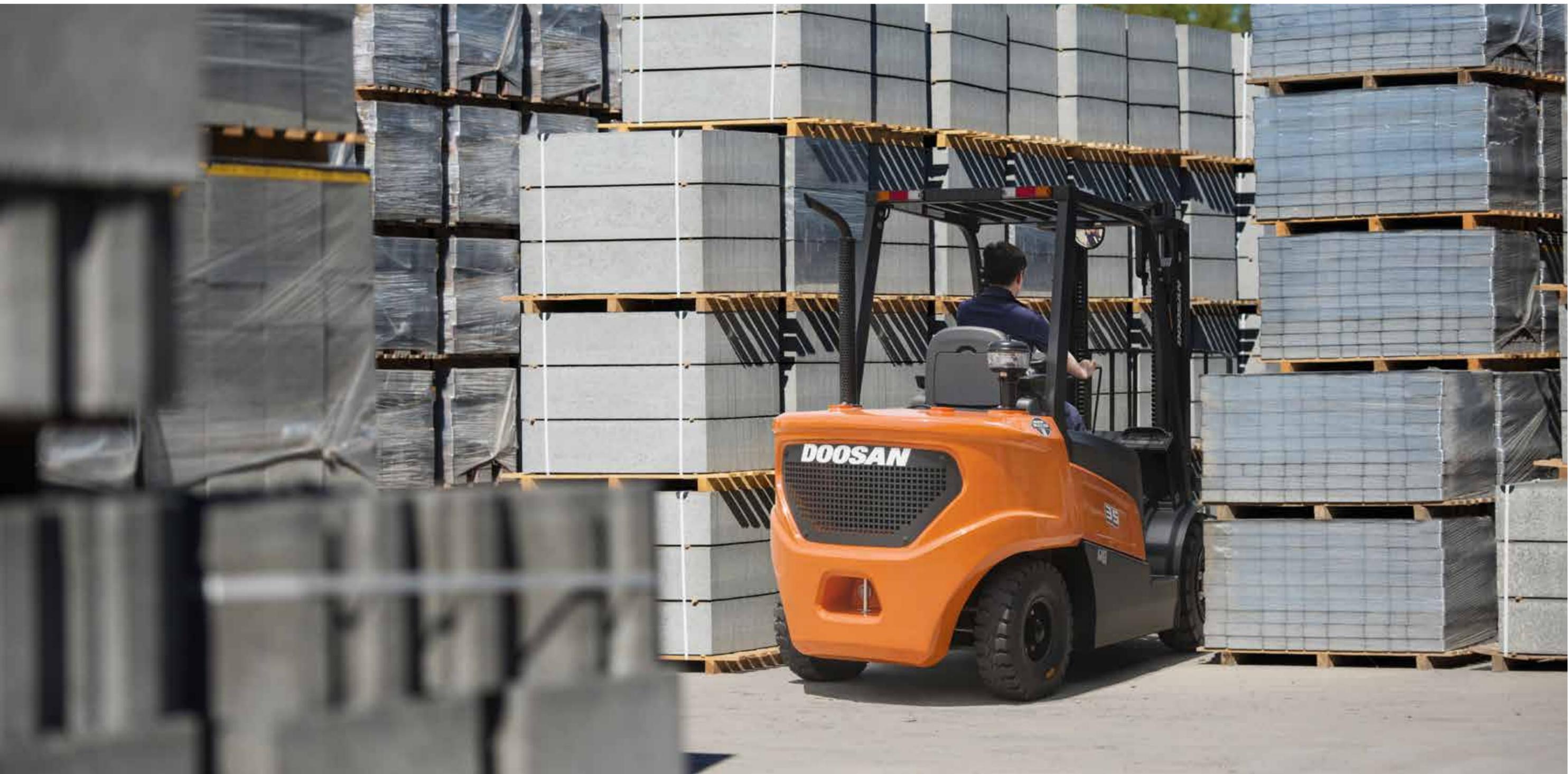
The engine room is easily accessible because the open angle of the hood have been increased.

Hood locking cylinder

Removable side panel

The side cover can be removed without any tools, just using the knob.

LIFTING YOUR DREAMS



Main Specifications

		D20NXS	D25NXS
Load capacity	kg	2000	2500
Load center	mm	500	500
Load Distance: center of driveaxle to fork	mm	480	480
Wheelbase	mm	1,700	1,700
Height, mast lowered	mm	2,180	2,180
Free lift	mm	147	147
Lift	mm	3,230	3,230
Height, mast extended	mm	4,490	4,490
Height of overhead guard	mm	2,160	2,160
Height of seat	mm	1,185	1,185
Overall length	mm	3,690	3,730
Length to forkface	mm	2,640	2,680
Overall width	mm	1,290	1,290
Turning radius	mm	2,340	2,390

	D30NXS	D33NXS	D35NXS
Load capacity	3,000	3,300	3,500
Load center	500	500	500
Load Distance: center of driveaxle to fork	485	485	495
Wheelbase	1,700	1,700	1,750
Height, mast lowered	2,180	2,180	2,180
Free lift	152	152	152
Lift	3,230	3,230	3,000
Height, mast extended	4,490	4,490	4,260
Height of overhead guard	2,160	2,160	2,160
Height of seat	1,185	1,185	1,185
Overall length	3,795	3,810	3,875
Length to forkface	2,745	2,760	2,825
Overall width	1,290	1,290	1,290
Turning radius	2,430	2,450	2,500

Standard Features and Optional Extras

SAFETY & STABILITY

Operating Sensing System (OSS)	Standard
ISO3691 Hydraulic locking system	Standard
Electric parking brake	Standard
LED front lights and rear combination lights	Standard
Vehicle control unit (VCU)	Standard
Back up alarm	Standard
Rear safety light	Option
Rear grab handle with horn switch	Option
Fence lights	Option
Ground speed control	Option

OPERATOR COMFORT (ERGONOMICS)

Adjustable steering column	Standard
Panoramic mirror	Standard
USB port & aux power	Standard
Spacious leg room	Standard
5" Display	Standard
Steering wheel knob	Standard
Operator fan	Option
Cup holder	Option
Sound suppression	Option
7" Display	Option

* Remark : This list is based on factory data. Standard or optional can vary for specific countries.

PRODUCTIVITY

High powered, fuel efficient engine	Standard
Multi torque mode	Standard
Emission Regulation Stage V	Standard

RELIABILITY

Mast with IC beam	Standard
Auto shift controller	Standard
Reverse lock	Standard
Oil-cooled disc brakes	Standard
Pre cleaner	Option
High speed fan	Option
Pre-fuel filter, dual Filter	Option

SERVICEABILITY

Removable side cover	Standard
Counterweight top cover	Standard
Counterweight rear cover	Standard
Easy diagnosis	Standard
Junction box	Standard
Service notification	Standard
Under protection (belly plate)	Option
Inside exhaust muffler	Option

Standard
Option



-  Production Subsidiary
-  Sales Subsidiary
-  Parts Depot Center

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Authorized Dealer



Doosan Industrial Vehicle Europe nv
Europark-Noord 36A
9100 Sint-Niklaas
Belgium
Tel.: +32 3 760 09 87
Fax: +32 3 760 09 89
Website: www.doosan-iv.eu