



D20S/D25S/D30S/D33S-7, D35C-7

7 Series Forklifts
Doosan Pneumatic Diesel
4,000 lb. to 7,000 lb. Capacity



PRODUCT FEATURES

OVERVIEW

Operator Compartment

Designed for comfort, with optimized pedal positions, the roomy operator compartment has adjustable steering column and seat placement, allowing operators to easily find their optimum driving position.

Operator Sensing System (OSS)

The OSS prevents the truck from traveling or lifting when the operator leaves the seat.

Counterweight & Cooling

The sleek new counterweight design allows better airflow to maximize cooling capacity.

Powerful Engine

Equipped with a reliable, powerful Doosan 2.4L Diesel Engine.

Engine Hood

The rigid engine hood swings up at a wide angle and provides great accessibility to the main compartment.

Hydrostatic Steer Axle

Doosan's signature heavy duty steer axle provides smooth steering control and durability.

Maintenance-friendly Design

The side cover and floor plate grants easy access to the powertrain and other components, making maintenance a breeze.





Overhead Guard/Cabin (Optional)

Ergonomically designed overhead guard (or cabin) offers great visibility and reliability.

High Visibility Mast (for 4k/5k lb. Only)

The new mast design maximizes not only the operator's ability to see through the mast but also provides superior stability.

Ergonomic Steering Column

The thoughtfully-designed steering column not only provides the best visibility, but it is fully adjustable. The steering wheel is sized perfectly for long operations.

Instrument Panel

Full LED instrument panel with better visibility and icons that keep the operator informed about the trucks condition.

Tilt Cylinder Cover

Protects tilt cylinders from unexpected shock and serves as a foot-rest.

Rigid Drive Axle w/ OCDB (Oil Cooled Disc Brakes)

The OCDB are entirely enclosed and protected from outside debris and contamination. This significantly reduces maintenance and repair costs.



SAFETY & STABILITY



Mast Inter-lock (ISO 3691)

If the operator gets off the seat or turns off the forklift, the hydraulic tilt, lift and lowering system will be deactivated automatically.



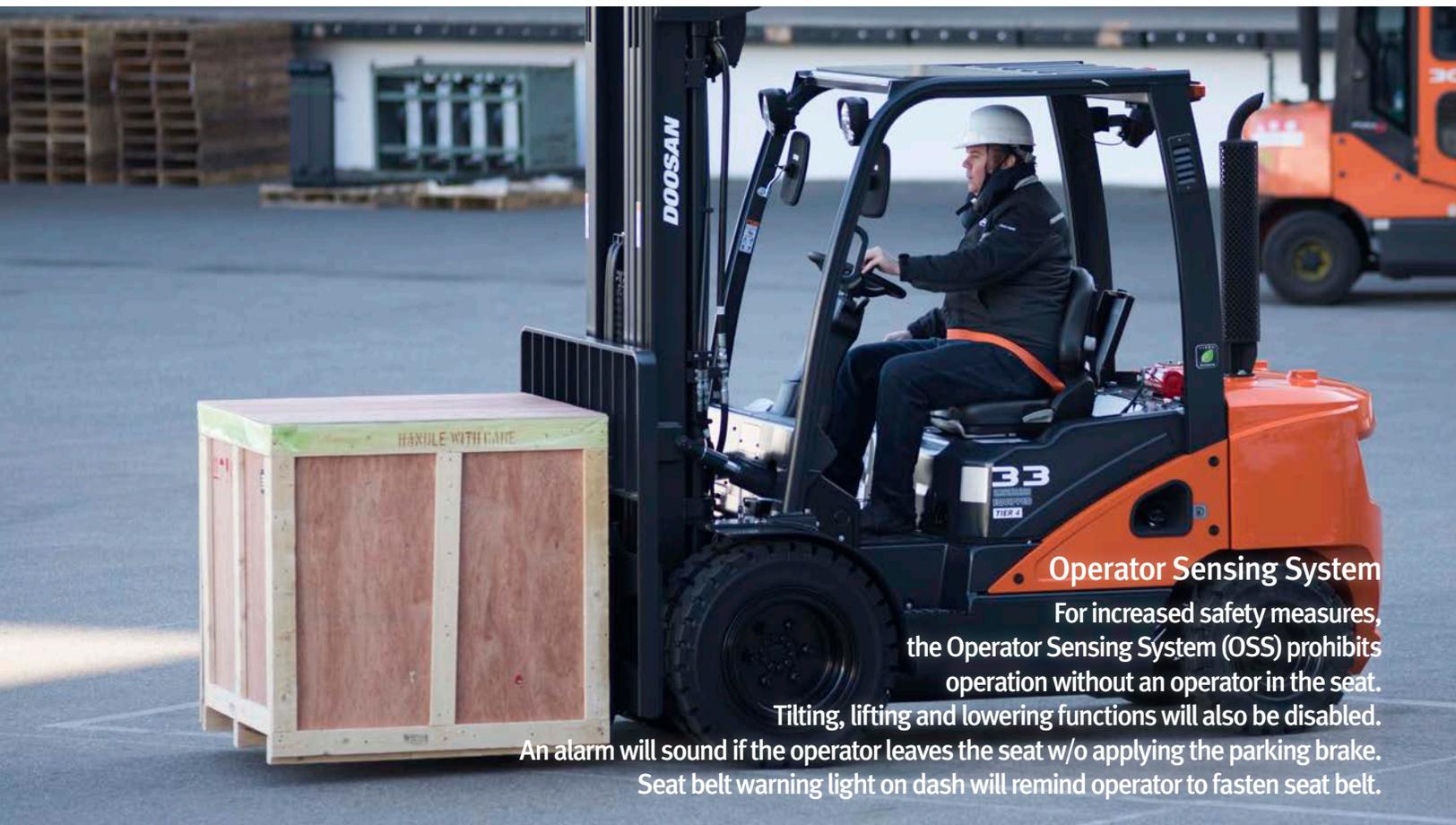
Interlocking Seat Belt (Optional)

Truck will not move without the seat belt fastened. Tilt, lift and lower function is also disabled if the seatbelt is not fastened.



Interlocking 4th Lever (Optional)

The 4th lever will be locked until it is manually released. This feature is especially useful in applications with attachments.



Operator Sensing System

For increased safety measures, the Operator Sensing System (OSS) prohibits operation without an operator in the seat.

Tilting, lifting and lowering functions will also be disabled.

An alarm will sound if the operator leaves the seat w/o applying the parking brake.

Seat belt warning light on dash will remind operator to fasten seat belt.



Optional Blue Spot Light

The optional blue spotlight is an effective driving path warning system for nearby pedestrian safety, especially in aisles, corners and in heavy traffic areas.



Panoramic Mirror (Optional)

Optional panoramic mirrors offer additional safety by showing a clear rear view, helps reduce accidents and unnecessary damage to the truck, product or rack system.



Highly Visible

Anti-Cinch Seat Belt

The highly visible seat belt provides safety and comfort to the operator by locking only when necessary.

OUTSTANDING PRODUCTIVITY & DURABILITY

The best way to grow your business

High Powered, Fuel Efficient Engine

Doosan's own D24 diesel engine is built with ULPC (Ultra Low Particulate Combustion) technology to meet the latest emission regulations, without sacrificing powerful performance or excellent fuel efficiency.

Enhanced Cooling System

The combination of a large capacity radiator and an efficient structural design of the counterweight maximizes airflow, enhances reliability, improves durability of the truck and increases uptime in heavy duty applications.

Oil Cooled Disc Brakes (OCDB)

The OCDB is an enclosed brake system that eliminates outside debris or contamination, which significantly extends the brake life while decreasing maintenance costs and down time. It is recommended for heavy-duty applications; like humid, abrasive or corrosive environments, as well as those that require extensive use of ramps.

Dual Element Cyclone Air Cleaner

The heavy duty dual element cleaner protects the engine from contamination extending engine life and service intervals. Air intake on the overhead guard aids in drawing clean, cool air into the engine intake system.

Powershift Transmission

Top-mounted control valve on the transmission precisely modulates clutch oil pressure for smooth forward and reverse directional changes, permitting on-the-go shifting up to 5 mph.

ECO Mode

Operators can easily switch to the ECO mode from the dash. The ECO mode will reduce fuel consumption by 15% compared to standard mode.

Autotilt Leveling System (Option)

Autotilt Leveling System returns the mast to a safe vertical position in order to protect the load. This prevents uneven stacking that may potentially cause product damage.

Belly Shield (Optional)

The optional belly shield helps protect the powertrain, engine and many other components from dirt and debris.

Visibility Through Mast

The 7 Series diesel forklifts hydraulic hoses and mast chains are neatly arranged for wide front visibility - crucial for effective operation and safety.

Get Home Mode (GHM)

GHM is an additional layer of protection to the unit. The transmission oil and engine coolant temperatures are monitored and GHM is triggered when the temperature goes beyond the desired level. This helps prevent damages to the transmission and engine due to overheating.

SUPERB ERGONOMICS

Designed with the operator in mind



Tilt Cylinder Cover

The cover protects the tilt cylinders from unexpected shock and provides additional footing for the operator.



Entry Assist Bar and Anti-slip Stepping Plate

The assist bars allow for effortless exit and entry. Wide anti-slip stepping plates help the operator stay safe in slippery conditions.



Ergonomic Design

All components such as seats, switches, instrument panel, levers and pedals are smartly designed to provide operators the best working environment.

Premium Grammer Seat (Optional)

A low-profile mechanical suspension seat significantly reduces vibrations and shock, helping operators stay productive even through long hours of operation.

Rear Grab Bar with Horn

The horn button on the rear grab bar provides comfort and safety while traveling in reverse by allowing the operator to sound the horn and still maintain full control of the vehicle.





Excellent Visibility

The low profile dash and the sculpted overhead guard with an angled front tie bar provide a clear view upward and forward, while ensuring ultimate strength for safety.

Fully Adjustable Operator Space

The steering column, as well as the suspension seat, optional armrest and headrest, are all adjustable to accommodate individual preferences for each forklift operator.



Intuitive Instrument Panel

An intuitive display with integrated indicators keep operators aware of the vehicle conditions quickly and efficiently.



Full Cabin (Optional)

The Doosan cabin comes with premium features that provide the operator additional protection against harsher environments and improve productivity at the same time.





EASY MAINTENANCE

Easy to Access

- Engine hood opens without effort
- Hood opens wide for ease of access
- Locking gas spring for safety
- Removable floor mat and plate

Easy to Service

- Optimized location for maintenance:
Battery, air cleaner, filters, dipstick gauges
- CAN bus communication
- Junction box for fuses and relays



VERSATILITY

Plays well in almost any application



Building Materials



Fiber, Paper



Chemicals



Lumber, Wood



Recycling



Industrial machinery and equipment



Fishery



Wholesale trade / durable goods





Differentiated Support You Can Trust

The ownership of a Doosan forklift comes with a highly knowledgeable, responsive customer support team.

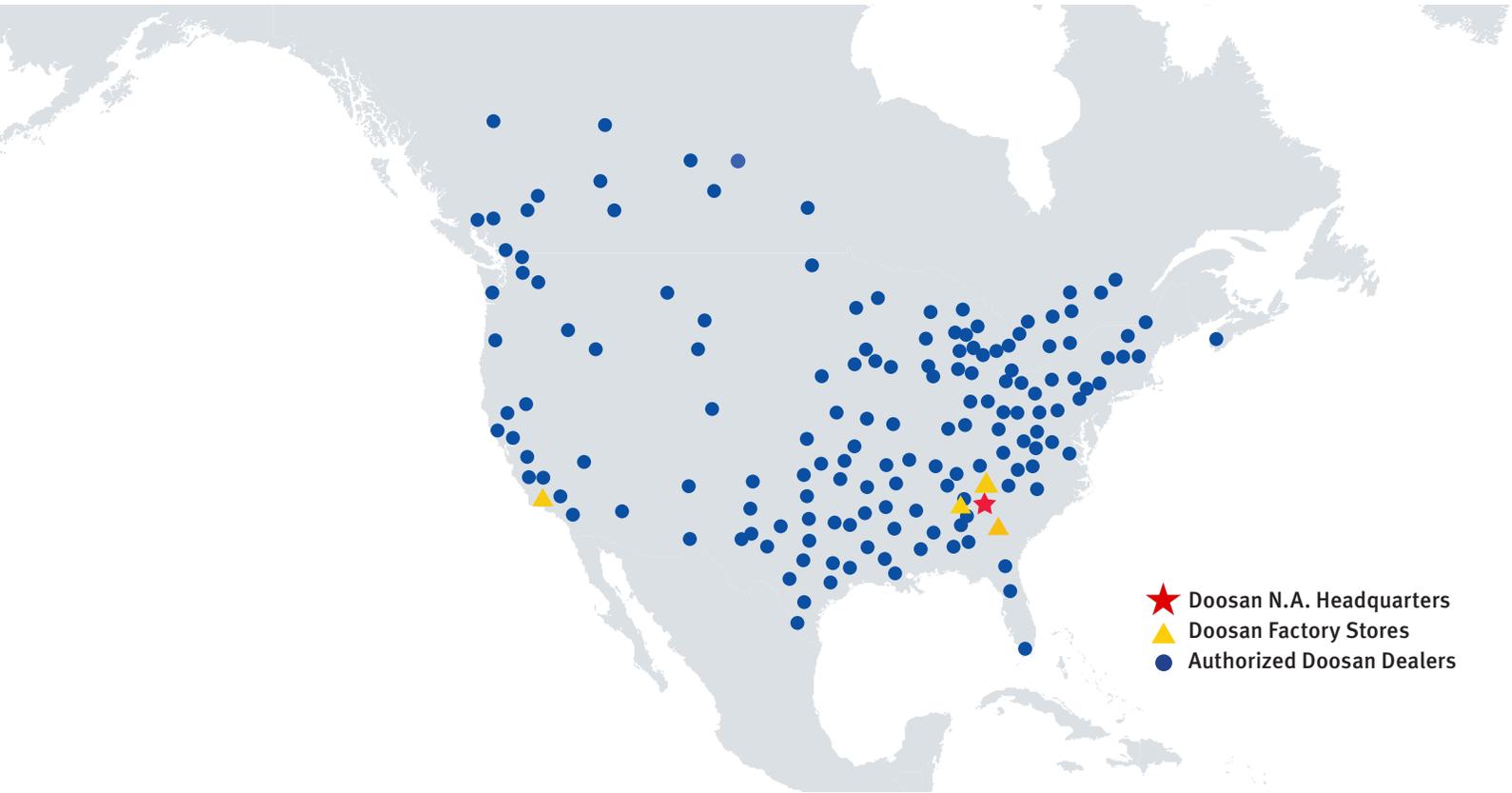
As a Doosan customer, your authorized factory-trained dealer will provide the best after-sales service and support. All backed by Doosan's own customer service center. In addition, Doosan's excellent parts fill rate will ensure minimal downtime.

The Doosan network starts with your local dealer and extends to a national team of qualified and experienced personnel, ready to support a wide array of material handling needs.

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Standard Features and Optional Extras

	STANDARD	OPTION
SAFETY		
Direction Lever	0	
Mast Interlock - Tilt, Lift and Lower	0	
Operator Sensing System	0	
Anti-cinch Orange Seat Belt	0	
Ground Speed Control	0	
Back-up Alarm	0	
Rear Grab Bar w/ Horn	0	
Interlocking Seat Belt		0
Interlocking 4th Lever		0
Spark Arrester		0
Blue Spot Light		0
Panoramic Mirror		0
PRODUCTIVITY		
Electric Controlled TCI (Turbo Charged Intercooler) Doosan Engines	0	
Pedal Location (Accelerator, Brake and Inching)	0	
Inching Pedal	0	
LED Lighting	0	
LED Combination Lamps		0
Weight Scale		0
Autotilt Leveling		0
Quick Disconnect Hose Couplings		0
Special Overhead Guard - Drive in Rack / Low or High Overhead Guard		0
ERGONOMICS		
Adjustable Steering column	0	
Integrated Instrument Panel	0	
Steering Knob	0	
Full Cabin with Heater or Airconditioner		0
Premium Seat: Suspension, Heat, Head Restraint		0
DURABILITY		
Electronic Control Units (ECU) Cover	0	
Waterproof Connectors	0	
Dual Element Air Cleaner	0	
Full Floating Driveaxle (with OCDB)	0	
Autoshift Controller	0	
Tilt Cylinder Cover	0	
Heavy Duty Cooling		0
Radiator Screen		0
Vented Side Panel		0
Pre-Cleaner		0
SERVICEABILITY		
CAN bus Communication System	0	
Removable Floor Mat and Plate	0	
Ease of Service	0	
- Integrated Electric Components in the Junction Box (Relays and Fuses)		
- Tool-less Side Floor Mat and Plate		
- Wide Hood Open Range		
ENVIRONMENT		
Emission Regulation (Tier4 and Stage 3B)	0	
Ultra Low Particulate Combustion (ULPC) System (with DOC)	0	
ISO 9001/ISO 14001	0	
2 Performance Modes (STD/ECO Mode)	0	
HOMOLOGATION		
UL		0
CE		0



Doosan's North American Dealer Network

Doosan provides the best material handling solutions for your specific needs. From energy efficient electrics to robust internal combustion forklifts, Doosan is your full-line provider.



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AUTHORIZED DEALER