



DV180S/DV250S-7

Doosan 7 Series Heavy Diesel Forklifts

40,000 lb. to 55,000 lb. Capacity



The Beauty of the Beast

The DV Series of Super Duty Diesel Forklifts feature a strong, rigid chassis frame along with more steel in all the right places. Powered by Doosan's own 7.6L DL08 engine matched to a proven reliable powertrain, the DV Series ensures that Doosan is the best choice for even the heaviest of applications.



Safety First Features

OSS (Operator Sensing System)

- Truck will not move without an operator in the seat
- Lift and lower functions disabled if the operator is not in the seat
- Tilt function will be locked if no operator is in the seat
- Alarm will sound if operator leaves the seat without applying parking brake
- Seat belt warning light on dashboard to remind operator to fasten seat belt

Reliable ZF Automatic Transmission

The 4-Speed auto-shift transmission is particularly smooth with gear ratios which are optimized for heavy lifting. Traction is assured under all working conditions, thanks to CANbus information exchange technology. The combination of these characteristics enables the truck to maintain high speeds, even under challenging conditions.

Reliable Doosan DL08P Engines and Components

Doosan's 7.6 liter DL08P engine is one of the most powerful and cleanest diesel engines available. The DL08P engine provides high-end torque at low engine rpms, reduces fuel consumption and meets all current emission regulations without need for a Diesel Particulate Filter (DPF).



Load Detection System

By detecting load presence the system channels additional power to the drivetrain to ensure smooth and efficient operation. The Bosh-Rexroth piston pumps with Closed Center Load Sensing (CCLS) technology reduces energy costs and strain on the hydraulics.

Comfortable, Convenient Operator Compartment

Designed to provide greater convenience and comfort, the Zeus Cabin offers outstanding visibility, clean dashboard and a high quality interior design, as well as powerful heating and air conditioning options.

Doosan's Oil Cooled Disc Brakes (OCDB)

- Much greater friction surface provides superior stopping power compared to other brake systems
- Easier to maintain than other braking systems
- Fully enclosed system prevents ingress of dirt, dust and debris
- OCDB extends brake life of up to 5 years or 10,000 hours

Greater Durability

Easier Maintenance

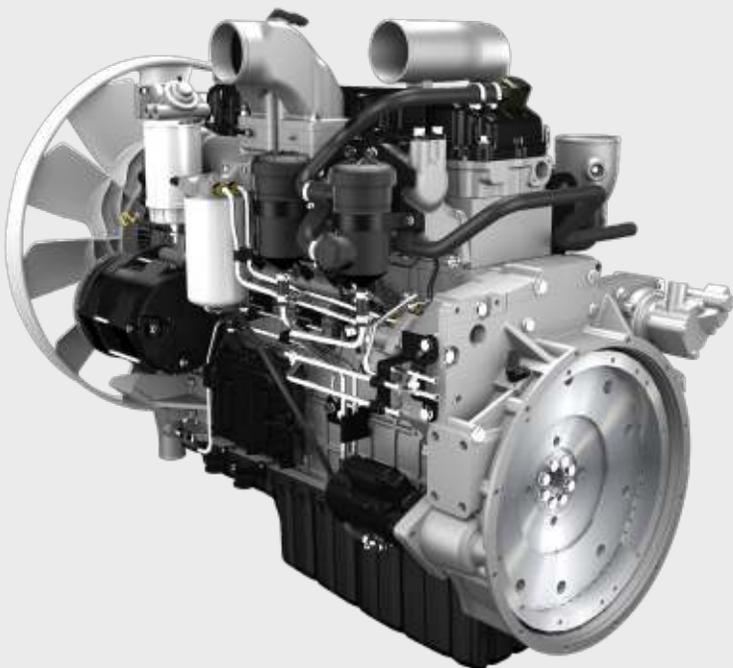
Doosan guarantees the highest quality of engines and components, because we use our own engines. This also means we guarantee the best supply of spare parts at the most competitive prices.

The powerful Doosan 7.64L DL08P electronically controlled engine delivers excellent fuel efficiency and is combined with a proven ZF auto-shift transmission and heavyduty Kessler driveaxle. This combination provides great productivity and durability to Doosans heavy forklifts.

Doosan's innovative technology using Diesel Oxydation Catalyst (DOC) and Selective Catalytic Reduction (SCR) ensures the most reliable system to meet all the latest emission regulations.

Robust chassis design and heavy duty build quality ensure Doosan's 7-Series is the natural choice when it comes to tackling even the toughest of applications.

Fuel Injected, Turbo-Charged 7.64L
Doosan DL08P Diesel Engine



Reliable Powertrain

Only well-proven driveaxle, transmission system, brakes and other powertrain components are used. The electronically controlled transmission delivers plenty of power where its needed, and reliable hydraulic pumps operate the lifting functions with high precision.



Easy Access Steeraxle Grease Inlet

The centralized steeraxle grease inlet is located in a strategic position, ensuring accessibility and ease of grease injection.



Durable Steeraxle

The use of an I-beam structured steeraxle adds great strength, while heavier bearings and king pin increase rigidity, durability and stability.



Anti Slip Step Plate

Added safety for when the operator enters or exits the forklift, especially in inclement weather conditions. Large, convenient tool box located next to anti slip steps.



Easy Access

Thanks to the power-tilt operator cabin and wide rear hood opening, service technicians can access the key drivetrain components easily and safely.



Hydraulic Motorized Cooling Fan

A large capacity cooling fan is driven by a remote hydraulic motor. This effectively manages operating temperatures to minimize engine wear and maximize engine efficiency.



All-in-one Electronic Inch & Brake Pedal

- The all-in-one pedal enables the operator to maneuver precisely while maintaining high engine revs to support hydraulic functions
- The red control button means the operator can seamlessly regulate the speed with the brake pedal while lifting at full power



LED Lighting

LED lighting provides greater visibility and safer operating conditions in darker applications and last much longer than conventional light bulbs.

Doosan's Zeus Cabin

Comfort, Safety, Productivity



Operator Comfort

- Leather suspension seat with lift and heat
- Clear, uncluttered floor space
- Wide, unobstructed view thanks to centralized seat placement
- Efficient heating & cooling
 - › Separate cooling/heating ducts
 - › Defrost nozzle toward front window

Fully Adjustable Steering Column

- The steering column is adjustable forward, backward and telescopically
- Infinitely adjusts to a wide range for operators of all sizes
- Power steering

High Quality Materials

- Leather covered dash board and inside doors
- Clear digital LCD instrument panel
 - › RPM, error codes & load weight check (*option)
- Analog instrument panel
 - › Speedometer, Coolant temp., T/M oil temp., Fuel gauge
- Multi-functional CD player: CD/MP3, Radio, USB port (*option) DV250S-7

Lifting, Tilting, Interlocking Type Fork Positioner

- Convenient button style for side-shift function preliminary spool for attachments
- Hydraulic pilot control type lever smooth & detailed movements
- Meets or exceeds all ISO 3691 Safety Compliance Regulations



Doosan's Zeus Cabin

Additional Features



Lifting, Tilting & Interlocking Fork Positioner

- Convenient button style for side shift function, preliminary spool for attachments
- Hydraulic pilot control type lever for smooth, detailed movements
- Meets or exceeds all ISO 3691 Safety Compliance Regulations
- Direction Lever Safety function prevents accidental movement while underway



Cage Type Electronic Fork Positioner

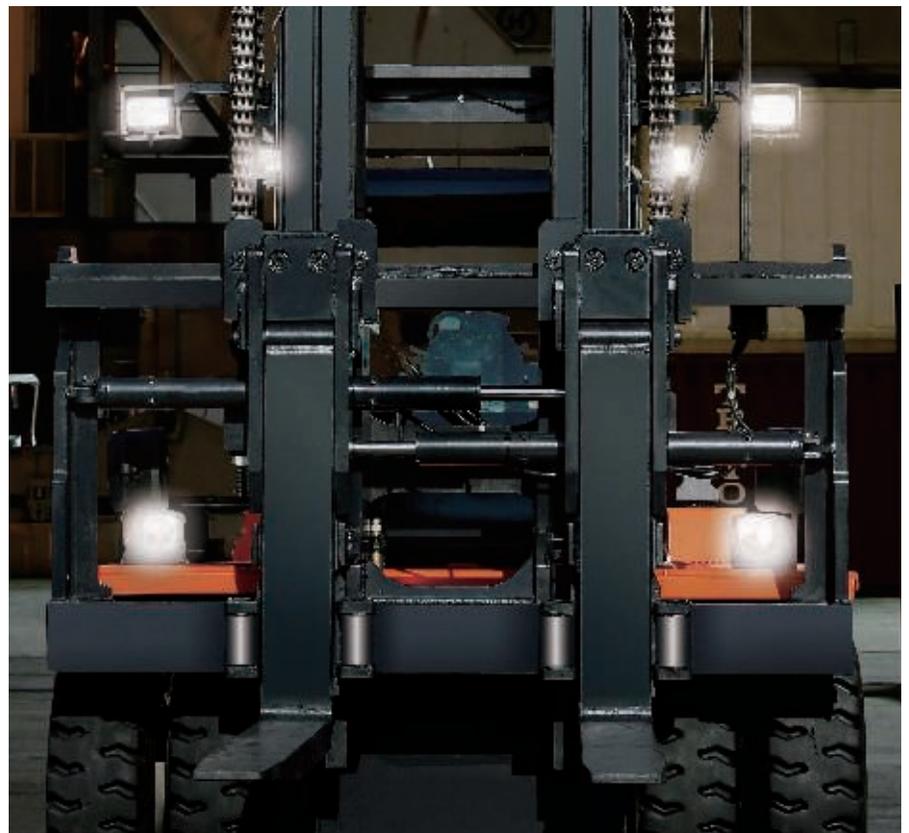
- By including 8 roller bearings, fork movement is faster and more responsive
- Forks and various attachments can be installed or removed more easily

Exceptional Lighting

Up to 10 working lights (6 front spotlights, 4 rear lights), plus an interior work task light. Additional options are available.

LED Brake Lights

Convenient safety function when working in dark conditions.





Spacious Leg Room and Operator Comfort

- The neat and wide-open floorboard provides operator with plenty of leg space to make entry and exit a breeze
- Low Noise Level and Low Vibration Level



Convenience Package

- Deck mounted control valve levers simplify hydraulic actuation
- Convenience tray keeps paperwork and supplies organized and handy



Full Color LCD Display

- Engine Speed & RPMs
- Error Codes
- DEF Level
- Load Weight Check (*Option)

Easy to Open & Close Hood

- Opens 60° degrees from the front to the back
- Gas springs reduce the effort needed to lift the hood

Electric/Manual Combined Tilting System

- Cab can open up to 65° degrees, allowing easy access to major components
- Even with engine shut off the cab can be opened thanks to a dedicated electric motor
- Tilting safety locking system



Electric Cabin Tilt Button



Manual Cabin Tilt

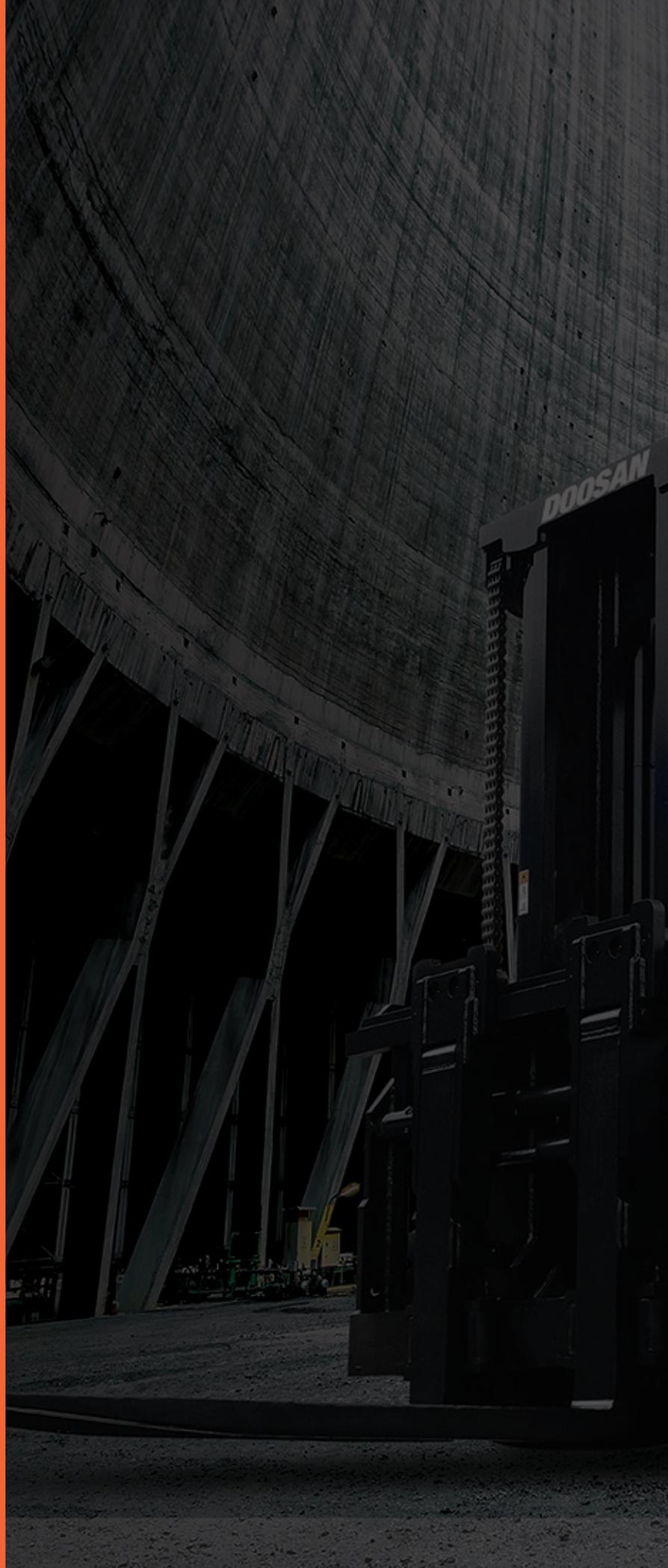
Proven Quality, A Reliable Partner.

When you own a Doosan forklift, a knowledgeable, friendly and responsive customer support team comes with it.

The Doosan network starts with your local dealer and ends with a national team of highly qualified and experienced personnel standing ready to support all your material handling needs.

You will receive the best after-sales service from your authorized local or national factory-trained dealer, backed by Doosan's own customer service center.

And Doosan provides industry-leading parts inventory, to insure downtime is kept to a minimum.



Standard Features and Options

Safety	Standard	Option
Direction Lever Safety Function	X	
Operator Sensing System	X	
Orange Anti-Cinching Type Seat Belt	X	
Autoshift Controller	X	
Emergency Switch	X	
Panoramic Rear View Mirror	X	
Combination Lamps	X	
Tilt Forward 6° Warning Alarm	X	
Back-up Alarm	X	
Side Mirrors w/ Heat	X	
Weight Scale (Load Cell Type)		X
Siren and Microphone		X
2 Front 1 Rear View Camera		X
Rear View Camera (w/ Steer Tire Angle Indicator)		X
Strobe Light (Amber/ Red, LED)		X
Ground Speed Control		X
Productivity	Standard	Option
Electrically Controlled (Turbo Charged Intercooler) Doosan Engine	X	
Optimized Pedal Location (Accelerator, Brake and Inching)	X	
All-in-One Electronic Brake and Inching Pedals	X	
Rear Grab Bar (w/ Horn)	X	
2 Front LED Lights on Mast (DV180S-7 only)	X	
4 Front LED Lights on Mast (DV250S-7 only)	X	
2 Rear Lights on Counterweight		X
Comfort	Standard	Option
Telescopic Steering Column	X	
Integrated Instrument Panel, Analog & Digital	X	
Seat - Suspension w/ Heat	X	
Easy to Service	X	
- Integrated Electric Components (Relays and Fuses)		
- Automatic Tilttable OPC		
- Wide Opening Hood		
Full Cabin (ZEUS)	X	
- Wide Front and Rear View		
- Low noise & Low Vibration Level		
- Electric Tilttable Cabin		
- Front, Rear & Top Wiper		
- CD & MP3 Player		
- Sun Visor		
Heater		X
Air Conditioner		X
Steering Knob		X
Sound Suppression (Only for DV180S-7)		X
Air Compressor		X
Durability	Standard	Option
Waterproof Connectors	X	
Dual Element Air Cleaner	X	
Pre-Cleaner	X	
Rigid Driveaxle (w/ OCDB)	X	
Full Autoshift Transmission	X	
Environment	Standard	Option
Emission Regulation (Tier IV and Stage IV)	X	
ISO 9001/ ISO 14001	X	
Homologation	Standard	Option
UL		X
CE		X

* Other options are also available. Please ask your local Doosan representative for more details.



Doosans Extensive North American Dealer Network

Doosan provides superior 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