



D(G)35S-7/D(G)40S-7/D(G)45S-7/D(G)50C-7/D(G)55C-7

7 SERIES FORKLIFTS

Pneumatic Tire Diesel & LP

8,000 lb. to 12,000 lb. Capacity



Features Overview

More Truck for Your Money

INCREASED PRODUCTIVITY

Doosan lift trucks are equipped with high torque engines that run at low rpm. This reduces wear and tear on the engine and helps overall fuel consumption.

Equipped with a powershift transmission, the 7 Series shuttles loads tirelessly and consistently.

Hydraulic load-sensing technology is incorporated for more precise power delivery.

“Peace of mind” is assured for those extremely hot applications with an optional heavy duty cooling system*.

Do you want to lower your carbon footprint? Simply switch to Eco Mode.



*G2 Doosan diesel engine only



OPERATOR COMFORT & SAFETY

Take advantage of the optional Doosan cab, offering exceptional visibility, upgraded A/C and heater units for maximum operator comfort.

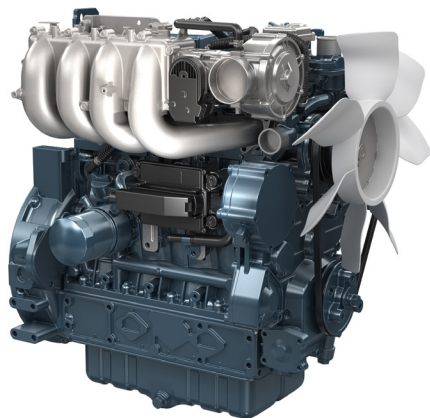
DOOSAN OSS (OPERATOR SENSING SYSTEM)

Take safety to a whole new level with the Doosan OSS:

- Shuts down hydraulic systems
- Stops truck travel
- Features neutral start position- otherwise the truck does not move.

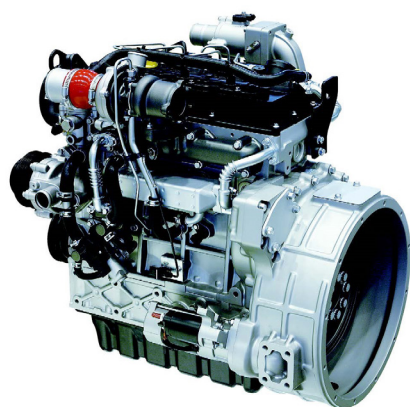
Increased Productivity

Superior Products



Kubota 3.8L (69kW) LP/DF

Superior engine performance is driven by an ECU that integrates and coordinates all critical functions including: governor, variable ignition timing, air-fuel ratio control and engine protection.



Doosan G2 Diesel Engine

The 55kW diesel engine exceeds all EPA Tier IV emission regulations and does not require a Diesel Particular Filter (DPF) nor are any ash or other regeneration cycles needed.

Proven, Reliable Diesel & LPG Engines and Transmission Systems.

Doosan powershift transmissions are designed to modulate frequent directional changes. A heavy-duty drive axle made of cast iron assures reduced maintenance.

Heavy-Duty U-Joint Connection

The U-joint helps reduce shock and vibration to the engine resulting in fewer engine problems and leakages. This configuration also improves serviceability therefore lowering maintenance costs.

Multi-Engine Performance Mapping System (Diesel only)

Doosan offers two performance engine maps, providing you the choice between STD and Eco mode. Eco mode limits engine performance while reducing the fuel consumption by approximately 9%.

Excellent Engine Power

Torque is in the low RPM range (~1,600 rpm)

OCDB (Oil Cooled Disk Brakes)

Doosans OCDB system has 5 times longer service intervals than shoe brakes. This translates into 5-years or 10,000 hours of brake usage before replacement, significantly reducing expense and downtime.



Enhanced Safety Features

Safety is Standard



OSS (Operator Sensing System)

Halts critical functions whenever the operator leaves the seat. The truck travel and hydraulic functions will stop and an alarm will sound.



Rear Grab Handle w/ Horn

By allowing the operator to sound the horn and still maintain full control of the vehicle, the horn button on the rear assist grab bar ensures comfort and safety while traveling in reverse.



Excellent Visibility

Hydraulic hoses and chains are neatly organized and placed to improve operator visibility.



Easy to Read Display

The display keeps the operator aware of vehicle condition at all times.



Fully Adjustable Operator Space

Give the operator the freedom to adjust the steering to his/her needs, and maximizes comfort.



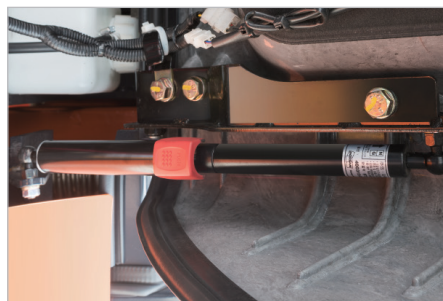
Tilt Cylinder Cover

Not only protects tilt cylinders from unexpected shock, but also provides an optional foot rest.



Anti Slip Step Plate

Wide anti slip step plate provides secure footing in any weather condition.



Locking Gas Spring For Hood

The gas spring locks the truck's hood in place preventing unintended closing.



Additional Features

Great Options



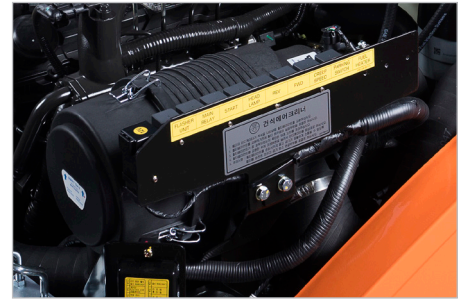
Dual Performance Modes : Standard Mode / Eco Mode

Engine performance options give the operator the flexibility to adjust the performance of the truck based on the application (Diesel Only)



Premium Floor Mat

The 7 Series is equipped with thicker floor mats, reducing noise levels and insulates against heat transfer.



Dual Element Cyclone Air Cleaner

The heavy-duty dual element air cleaner provides enhanced protection for the engine, improving performance and engine longevity. The integrated MAF sensor (Mass Air Flow) improves fuel management.



Improved Pedal Layout

Redesigned for more natural placement, the pedal layout has a more ergonomic flow.



Premium Seat (Optional)

Low-profile mechanical suspension significantly reduces vibrations.



LED Lights (Optional)

Brighter and longer lasting than traditional sealed beams or halogen lights



Large Panoramic Mirror (Optional)

Provides the operator a clear view of the rear working area, improving efficiency and safety.



Tilting Roof Vent (Optional)

Cuts down on heating and A/C during the spring and fall months.

Technical Specifications

MAJOR SPECIFICATION		D(G)35S-7	D(G)40S-7	D(G)45S-7	D(G)50C-7	D(G)55C-7
Load Capacity	lb. (kg)	8,000 (3,655)	9,000 (4,115)	10,000 (4,570)	11,000 (5,070)	12,000 (5,500)
Load Center	in. (mm)	24 (600)	24 (600)	24 (600)	24 (600)	24 (600)
Center of Driveaxle to Fork	in. (mm)	22 (561)	22 (561)	22 (561)	23 (571)	23 (571)
Wheelbase	in. (mm)	79 (2,000)	79 (2,000)	79 (2,000)	83 (2,100)	83 (2,100)
Height, Mast Lowered	in. (mm)	88 (2,225)	88 (2,230)	88 (2,230)	94 (2,380)	94 (2,380)
Free Lift	in. (mm)	6.3 (160)	6.3 (160)	6.3 (160)	6.7 (170)	6.7 (170)
Lift	in. (mm)	118.1 (3,000)	118.1 (3,000)	118.1 (3,000)	120 (3,050)	120 (3,050)
Height, Mast Extended	in. (mm)	167.9 (4,265)	168.1 (4,270)	174.0 (4,420)	176.0 (4,470)	176.0 (4,470)
Height of OHG (Cabin)	in. (mm)	87.6 (2,225)	87.8 (2,230)	87.8 (2,230)	87.8 (2,230)	87.8 (2,230)
Height of Seat	in. (mm)	49.1 (1,248)	49.4 (1,255)	49.4 (1,255)	49.4 (1,255)	49.4 (1,255)
Overall Length	in. (mm)	163.9 (4,165)	165.9 (4,215)	176.4 (4,480)	178.1 (4,525)	179.1 (4,550)
Length to Forkface	in. (mm)	124.0 (3,115)	125.0 (3,165)	129.0 (3,280)	131.0 (3,325)	132.0 (3,350)
Overall Width	in. (mm)	54.0 (1,370)	57.0 (1,455)	57.0 (1,455)	57.0 (1,455)	57.0 (1,455)
Fork Dimensions	in. (mm)	41.3x5.9x2.0 (1,050x150x50)	41.3x5.9x2.0 (1,050x150x50)	47.2x5.9x2.0 (1,200x150x50)	47.2x5.9x2.0 (1,200x150x50)	47.2x5.9x2.4 (1,200x150x60)

Standard Features

& Available Options

SAFETY & STABILITY

Operator Sensing System	Standard features
Neutral Position Start	Standard features
Emergency Shut Off	Standard features
ELR Type Orange Seat Belt	Standard features
Autoshift Controller	Standard features
Back-up Alarm	Standard features
Rear Grab bar w/ Horn	Standard features
Autotilt Leveling	Options
Combination Lights (LED)	Options
Large Panoramic Mirror	Options
Spark Arrester	Options
Weight Scale	Options

OPERATOR COMFORT (ERGONOMICS)

Adjustable Steering Column	Standard features
Integrated Instrument Panel	Standard features
Ergonomic Pedal Layout	Standard features
Premium Floor Mat	Standard features
Steering Knob	Standard features
Full Cabin with Heater or Air Conditioning	Options
Rear View Camera	Options
Premium Grammer Seat	Options
Sound Supression	Options
Mono-Ped	Options
12V Auxilliary Power	Options

PRODUCTIVITY

Electric Controlled Doosan Engines	Standard features
Powerful Kubota 3.8L LP Engine	Standard features
Powershift Transmission	Standard features
Inching Pedal	Standard features
Hydraulic Load-sensing Technology	Standard features
Heavy Duty Cooling	Options
Powerful Kubota 3.8L LP Engine	Options
Dual Performance Mode (Diesel)	Options

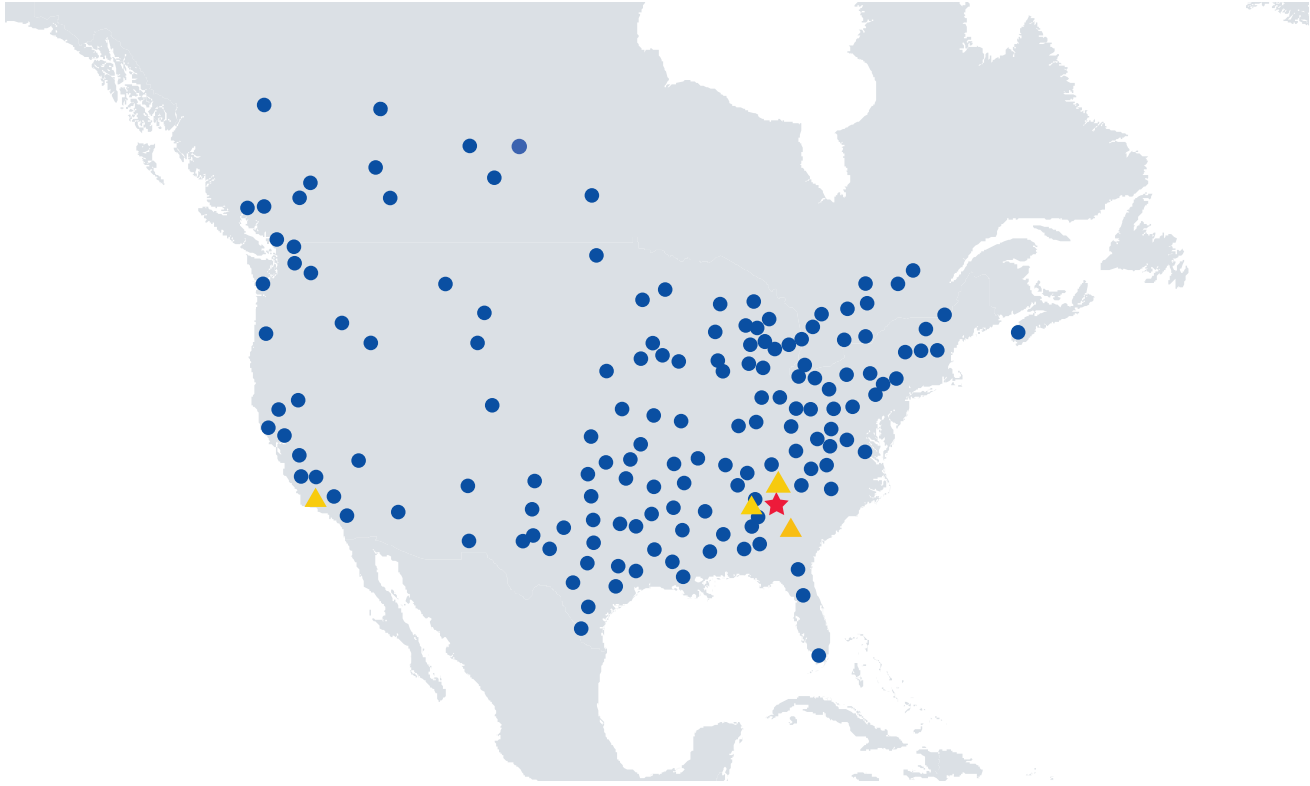
DURABILITY & SERVICEABILITY

Electronic Control Units (ECU) Cover	Standard features
Waterproof Connectors	Standard features
Dual Element Air Cleaner	Standard features
Full Floating Driveaxle (w/ OCDB)	Standard features
Integrated Electronic Components (Fuses & Relays)	Standard features
Tooless Floor Plate	Standard features
Wide Hood Opening (70° Range)	Standard features
Pre-Cleaner	Options

Standard features

Options

* Note: This list is based on factory data. Standard or optional features can vary by specific countries.



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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