

DOOSAN FORKLIFTS

Pneumatic IC (LP/DF)
4,000 lb. to 7,000 lb. Capacity

DOOSAN

G20E-7 | G25E-7 | G30E-7 | G33E-7 | G35EC-7

7-SERIES



PRODUCT FEATURES OVERVIEW

Doosan's LP/DF (Dual Fuel) line-up is packed with features. Lower overall cost of ownership assures years of reliable service that won't break the bank.

OPERATOR COMPARTMENT

Designed for comfort, with optimized pedal positions, the roomy operator compartment has an infinitely adjustable steering column and seat, 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 counterweight design allows better airflow for maximized cooling capacity.

POWERFUL ENGINE

Equipped with a reliable LP/Dual Fuel powerplant: the HMC 2.4L Engine.

POWERSHIFT TRANSMISSION

The market-proven powershift transmission accurately modulates clutch oil pressure for smooth forward and reverse directional changes.

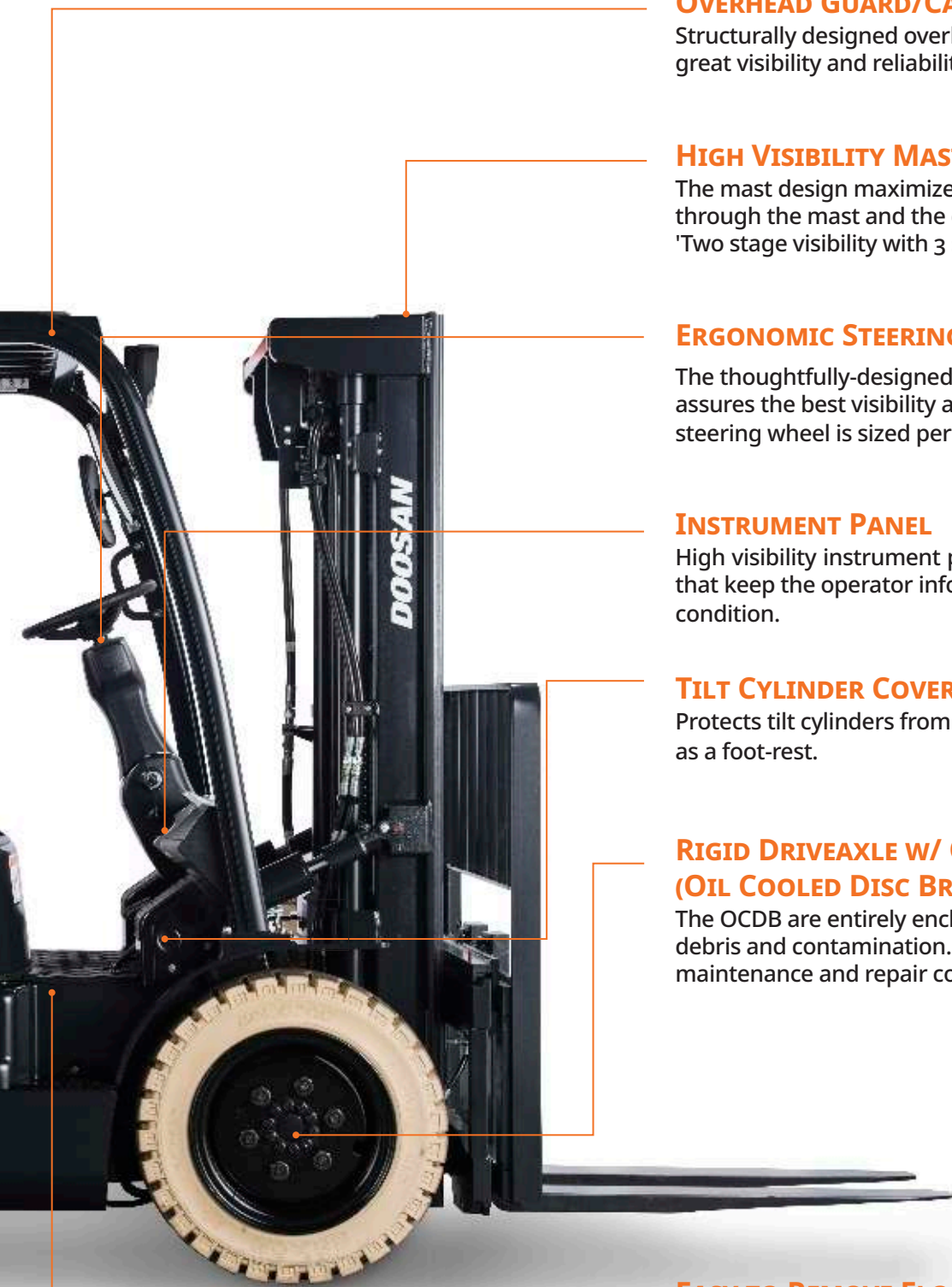
HYDROSTATIC STEERAXLE

Doosan's signature heavy duty steeraxle provides smooth steering control and durability. Heavy Duty steering components assure reliability 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 (OPTION)

Structurally designed overhead guard and cabin offers great visibility and reliability.

HIGH VISIBILITY MAST (FOR 4K/5K LB. ONLY)

The mast design maximizes the operator's ability to see through the mast and the design provides excellent stability. 'Two stage visibility with 3 stage capability'.

ERGONOMIC STEERING COLUMN

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

INSTRUMENT PANEL

High visibility 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 DRIVEAXLE 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.

EASY TO REMOVE FLOOR PLATE & MAT

The side cover and floor plates grant easy access to the powertrain and other components making maintenance a breeze.

OUTSTANDING PRODUCTIVITY & DURABILITY

The Best Way to Grow Your Business



HIGH POWER, FUEL EFFICIENT ENGINE

The HMC 2.4L LP engine provides superb performance, low noise, low vibration and excellent durability.

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.

OIL COOLED DISC BRAKES

5 Year/10,000 hour warranty! The OCDB is an enclosed brake system that eliminates outside debris or contamination, significantly extending brake life while decreasing maintenance costs and down time. It is designed for heavy-duty applications such as humid, abrasive or corrosive environments, as well as those that require extensive use of ramps.

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 nears extreme operating parameters. This helps prevent potential damage to the transmission and engine should overheating occur.

SHIFT PROTEK TRANSMISSION

Market proven Shift ProTek transmission precisely modulates clutch oil pressure for smooth forward and reverse directional changes. Shift 'on the go' without damage to the transmission (up to 5 mph)

SUPERIOR COMPONENTS

- Larger king pins and tapered roller bearings for a stronger axle
- Angled rollers are stronger against side forces
- Tapered roller bearings have an inner race, eliminating wear on the king pin

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.

AUTO TILT LEVELING SYSTEM (OPTIONAL)

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

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.

BELLY SHIELD (OPTIONAL)

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



FRONT/REAR BLUE SPOT LIGHT (OPTIONAL)

The rear blue spot light is a driving path warning system for high-traffic areas such as aisles, corners and in confusing crossing areas.



PANORAMIC MIRROR (OPTIONAL)

Panoramic mirrors offer additional safety to reduce accidents and unnecessary damage to the truck, products or rack system.



Orange Color

ANTI-CINCH TYPE SEAT BELT

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



MAST INTER-LOCK (ISO 3691)

If the operator gets off the seat or turns off the forklift, the hydraulic tilt, lift and lower locking system will be activated automatically.



SEAT BELT INTERLOCKING (OPTIONAL)

Truck will not move without the seat belt fastened. Tilt, lift and lower functions are also disabled when 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 where attachments are used.

SUPERB ERGONOMICS

DE-STRESS YOUR OPERATORS



TILT CYLINDER COVER

The cover protects the tilt cylinders from unexpected shock and provides additional foot room for the operator. Aids in entry/exit of the forklift



EASY ENTRY GRAB BAR & ANTI-SLIP STEP PLATE

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



ERGONOMIC DESIGN

All components such as seats, switches, instrument panel, levers and pedals are strategically designed and placed for productivity and performance.

PREMIUM SEAT (OPTIONAL)

A Grammar MSG65 optional low-profile premium suspension seat significantly reduces vibrations and shock, helping operators stay productive even through long hours.

Includes:

- Full Suspension
- Heat
- Head Restraint

REAR GRAB BAR WITH HORN

The horn button on the rear grab bar enhances the 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 upwards and forwards, while ensuring ultimate strength for safety.

SWING OUT & DOWN LP CRADLE (OPTIONAL)

The LP cradle assists lowering the LPG tank from above the counterweight to the ground with minimal effort. This not only simplifies the tank installation and removal but significantly reduces potential arm and/or back strain as well.

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, easily readable display keeps operators aware of the vehicle conditions quickly and effectively at all times.



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.

- Wide front, rear and side glass
- MP3 & radio player
- Double arm wiper (washer nozzle integrated)
- Upgraded heater
- Upgraded air conditioner with filter





OPERATOR SENSING SYSTEM (OSS)

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.

SERVICEABILITY SMARTLY BUILT

EASY TO ACCESS

- Engine hood opens with minimal effort
- Locking gas spring for safety
- Removable floor mat and plate

EASY TO SERVICE

- Optimized location for maintenance:
battery, air cleaner, filters, dipstick gauges
- Central junction box for fuses and relays



PLAYS WELL IN ALL APPLICATIONS





Dedicated Support You Can Trust.

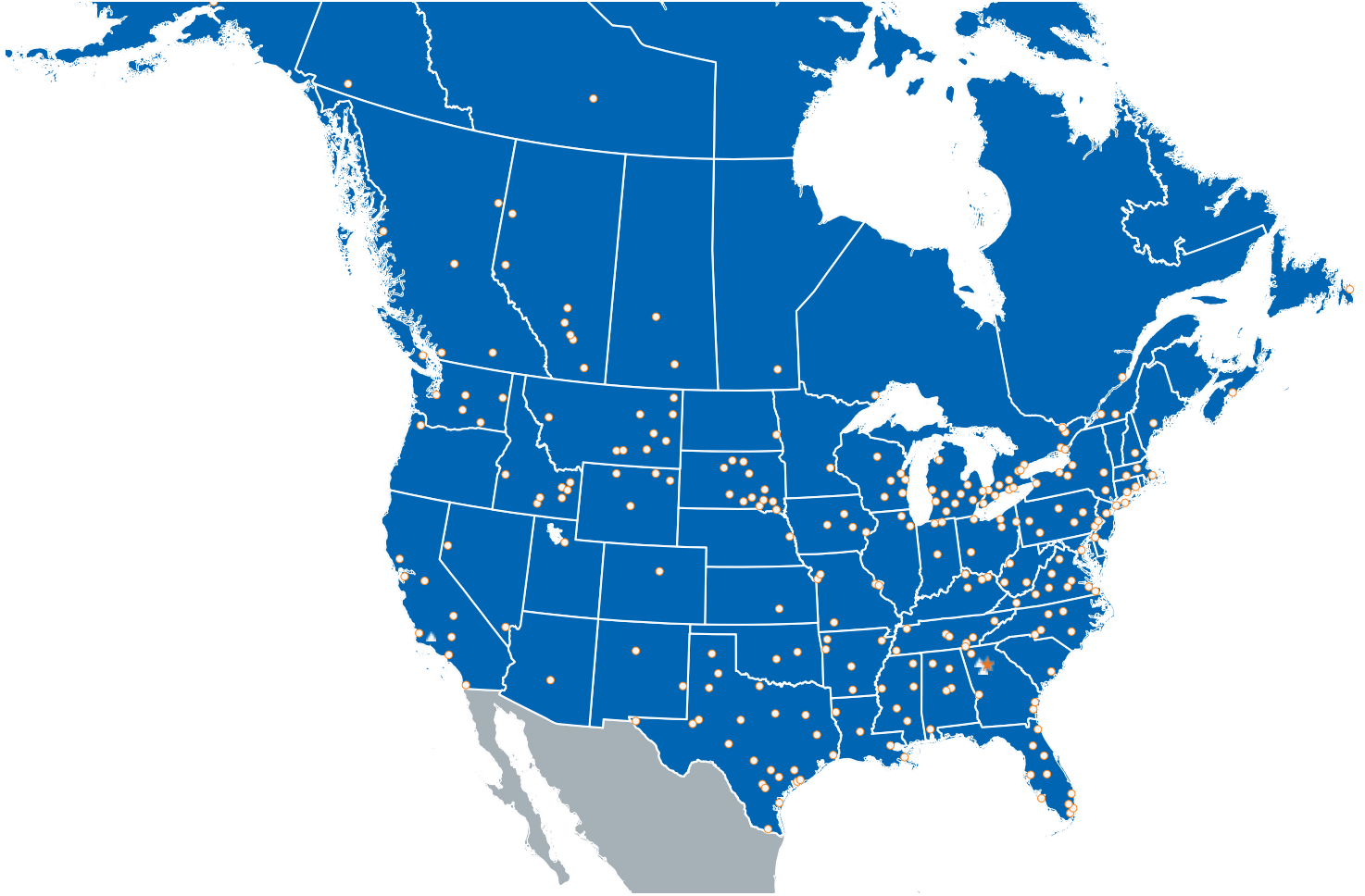
The ownership of a Doosan forklift comes with a high quality, responsive customer support team.

As a Doosan customer, your authorized factory-trained dealer will provide the best aftersales service and support. All are 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 highly qualified and experienced personnel, ready to support a wide array of material handling needs.

STANDARD FEATURES & AVAILABLE OPTIONS

SAFETY	STANDARD	OPTION
Direction Lever Function	0	
Mast Lowering Interlock - Tilt, Lift and Lower	0	
Operator Sensing System (OSS)	0	
Anti-Cinch Type Orange Seat Belt	0	
Anti-Slip Step Plate	0	
Rear Grab Bar (w/ Horn)	0	
Large Rear View Mirror	0	
Back-up Alarm	0	
Seat Belt Interlocking		0
4th Lever Interlocking		0
Parnoramic Mirror		0
Electronic Ground Speed Control		0
Swing Out & Down LP Cradle		0
PRODUCTIVITY	STANDARD	OPTION
Electric Controlled LP Engines	0	
Pedal Location (Accelerator, Brake and Inching)	0	
Inching Pedal	0	
LED Flood Lights (2 Front/1 Rear)	0	
LED Combination Lights		0
Low Fuel Indicator		0
Weight Scale (Hydraulic/Loadcell)		0
Auto Tilt Leveling		0
Quick Disconnect Hose Couplings		0
Special Overhead Guard - Drive in Rack/Low or High Overhead Guard		0
COMFORT	STANDARD	OPTION
Adjustable Steering Column	0	
Integrated Instrument Panel	0	
Steering Knob	0	
Vinyl Suspension Seat	0	
Full Cabin with Heater		0
Premium Seat - Full Suspension, Heated, Head Restraint		0
DURABILITY	STANDARD	OPTION
Electronic Control Units (ECU) Cover	0	
Water Resistant Connectors	0	
Dual Element Air Cleaner	0	
Full Floating Driveaxle (w/OCDB)	0	
Pre-Cleaner		0
Radiator Screen		0
Vented Side Panel		0
SERVICEABILITY	STANDARD	OPTION
Removable Floor Mat and Plate	0	
Easy to Service	0	
- Integrated Electric Components in the Junction Box (Relays and Fuses)		
- Tool-free Side Panels, Floor Mat and Deck Plate		
- Locking Type Hood Gas Spring		
ENVIRONMENT	STANDARD	OPTION
Emission Regulation	0	
ISO 9001/ISO 14001	0	
2 Operation Mode (STD/ECO Mode)	0	
HOMOLOGATION	STANDARD	OPTION
UL		0
CE		0



Doosan's 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.

DOOSAN

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PSCG25E7-V3

AUTHORIZED DOOSAN DEALER