



www.doosan-iv.eu

7 Series Forklifts

Pneumatic LPG 6 to 7 ton Series



Lifting Your Dreams

About Doosan

Values that drive our future growth

Trust in people is the foundation upon which Doosan has built its century of success

Over the past 100 years Doosan has always put people first, based on the management philosophy outlined by our first Chairman Too Pyung Park, that "business is not meant to make profits, but to help people grow."

This philosophy continues to spur Doosan's corporate development, with global competitiveness originating from our most valuable resource - our people.

Doosan, Korea's oldest but fastest growing company

Established in 1896, Doosan is Korea's oldest company, but has grown at its most rapid pace for the past 10 years.

Doosan's global Infrastructure Support Business (ISB)

In the past 70% of our business was concentrated on consumer goods, but following reorganisation of our business portfolio in 1998 we have successfully transformed our business DNA to shift the primary focus of our business to infrastructure support.

This means that Doosan now creates more than 90% of its sales through its Infrastructure Support Business.

Doosan's growth as a global company

Doosan has become the global ISB leader based on its world class products and services. It is a truly global company, with 50% of its employees based outside of Korea, and overseas trade making up over 60% of the total sales.





Doosan Industrial Vehicle

Major global player in the infrastructure support business with a proud heritage

With a proud history dating back to 1937, when we began as Chosun Machinery, Doosan Industrial Vehicle has grown into Korea's largest machinery manufacturer, playing a leading role in the development of the industry in Korea.

Today, we are a global enterprise, operating large-scale plants and sales subsidiaries both at home and overseas and maintaining an operational network that spans continents.

Committed To Innovation

We are committed to the advancement of new technologies and the development of talented individuals, positioning us to respond effectively to the rapid changes taking place in the 21st century. Our mission is to strengthen our global position and become the industry leader well into the future.

Committed To Our Customers

We are committed to our customers, providing superior products and excellent services to go with them.

Our Promise

Doosan Industrial Vehicle is the partner you can count on, always putting our commitment to you first.

Award-Winning Machines

Doosan currently holds a number of export, design & safety awards, including five Forklift Truck Association awards for Design Excellence.

7 Series Highlights

- Superb performance and high power output, thanks to the PSI 4.3L LPG Engine.
- Rugged reliability has been a major part of Doosan's ethos for all of its products and the new 7-Series is no different.
- A strong and rigid chassis frame along with more metal than plastic design ensures that Doosan is the best choice for your application.
- Virtually maintenance-free Oil Cooled Disc Brakes (ODB).
- Fuel efficiency improvement : 20% compared to previous model.
- The new Zeus Cabin provides a wide front view and excellent comfort to the operator.

Well proven and reliable Doosan PSI engines and components

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

Oil-Cooled Disc Brakes

Oil cooled disc brakes are standard on all 7-series. This enclosed brake system eliminates outside contamination, significantly extending the brake life by up to 5 times compared to conventional shoe brakes.

Well-tested load-sensing hydraulic system

All Doosan forklifts are equipped with a proven load-sensing hydraulic system, which provides increased fuel efficiency and better overall performance.



Safety

Operator Sensing System (OSS)

- The truck will not move without an operator in the seat.
- The lift and lower function is disabled if the operator is not in the seat.
- The tilt function will be locked if no operator is in the seat.
- An alarm will sound if the operator leaves the seat without applying the parking brake.
- The seat belt warning light on dashboard reminds the operator to fasten his seat belt.

Optimum Pedal System (OPS)

This Pedal System will reduce the operator's fatigue and provide the best driving experience. Especially, the new electronic accelerator will provide the operator with secure and exact speed control.

Comfortable & Convenient Operator Compartment

Designed to provide greater rigidity and comfort, the Zeus Cabin offers an outstanding visibility, clear dashboard and high quality interior, along with excellent heating and air conditioning system.

Greater durability and easier maintenance.

The powerful PSI 4.3L electronic controlled engine, which delivers excellent fuel efficiency, is combined with a proven transmission and driveaxle.

This combination provides great productivity and durability to Doosan LPG forklifts.

Doosan provides a more durable transmission with G7oS-7 series, thanks to the Standard Autoshift Controller, which offers optimized gear shifting timing.

Doosan guarantees the highest engine and component quality, which also means we can also guarantee the best supply of spare parts at the most competitive prices.

Robust chassis design and heavy duty build quality ensure Doosan's 7-series is tough enough for any application.

The Maintenance-free Oil-cooled Disc Brake system ensures maximum uptime, less damage, no maintenance and zero costs for you.

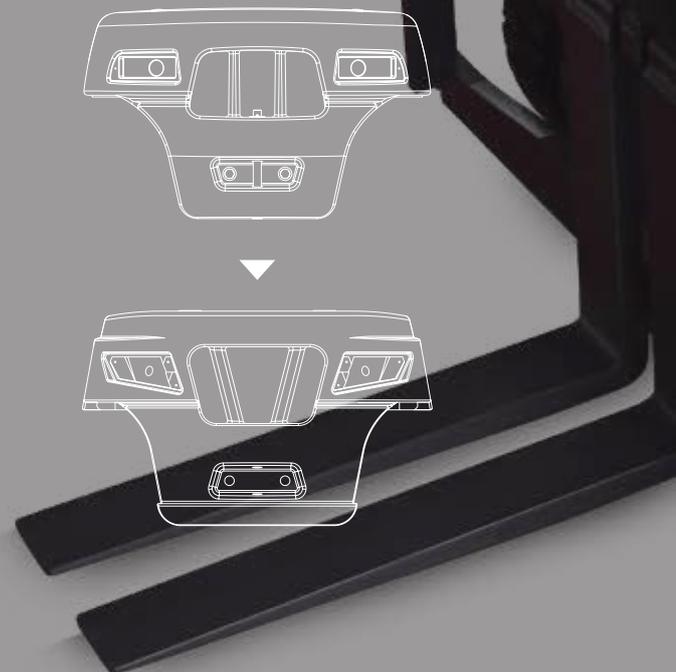
Swing out and down LPG Cradle - Single / Dual

Standard swing out and down LPG cradle frees the LPG tank from over the counterweight and lowers the tank on a stable platform to minimize arm and back strain for even simplifies tank installation and removal.



Counterweight

Increased radiator capacity by improving inside air flow. The counterweight shows the identity of Doosan 7 Series IC truck by dynamic concept design.



Full Floating Driveaxle

Strong one-piece cast housing keeps axle components aligned. High tensile strength alloy steel axle shafts extends axle lift while splined side gear and drive wheel hub gears transmit high torque to the drive wheels.



Hydrostatic Steering System

No mechanical connections between steering wheel and steeraxle for reduced maintenance. 8 grease zerks for proper lubrication. Sealed tapered roller bearings offer protection against contamination and in high impact applications. Provides low effort steering with quick steering response.



New Air Cleaner

A large capacity and dual elements air cleaner makes the new Doosan 7 series more durable.



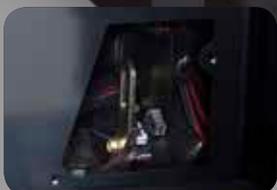
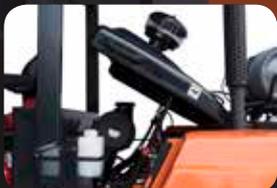
Instrument Panel

Engine coolant temperature, transmission oil temperature, speedometer, fuel level gauge and hour meter keeps the operator aware of the machine's working conditions. Engine oil pressure, alternator voltage, water separator gauge and pre-heater illuminates to alert



Easy to access

- Integrated Electrical Components.
- Wide hood opening range for best accessibility.
- Great location of fuel filter for serviceability.



Anti Slip Step Plate

Increase safety when operator enters the forklift especially in the snowy weather.



Locking type gas spring for Hood

Improve operator's safety and convenience with locking function.



Premium Seats (optional)

Designed with a low-profile mechanical suspension that significantly reduces vibrations, it helps you stay comfortable, no matter how rough the day gets.



LED lights (optional)

LED lights give greater visibility in darker conditions and last much longer than conventional light bulbs.



New Zeus Cabin, Great Comfort and Productivity

The New Zeus Cabin provides the operator not only great comfort but also higher productivity with ergonomically design features.

Doosan guarantees the highest quality of Cabin and its components.

Ergonomic Design

- All switches are located in a proper position according to the operator's convenience.
- Extremely comfortable suspension seat.
- Parking lever position. (Left side of seat)
- Low noise and vibration for operator's comfort.

Spacious Leg Room and Operator Comfort

The neat and wide-open floorboard provides operator with plenty of foot room to make entry and exit a breeze.



Wide Visibility

Centered seat for better visibility.
Wide visibility without distortion.





Easy to access

Possible to check transmission oil easily through the window located under the seat box.

Easy to check the Engine diagnostics.



Convenience Package

Deck mounted control valve levers simplify hydraulic actuation. Convenience tray keeps paper work and supplies organized and handy.



Various Options

- Heater
- Air Conditioner
- Panoramic Mirror
- Radio or MP3 Player
- Rear View Camera



Proven Quality, Service and A Reliable Partner.

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 100% parts inventory to insure any downtime is minimized.

When you own a Doosan forklift, our high quality, responsive customer support team comes with it.

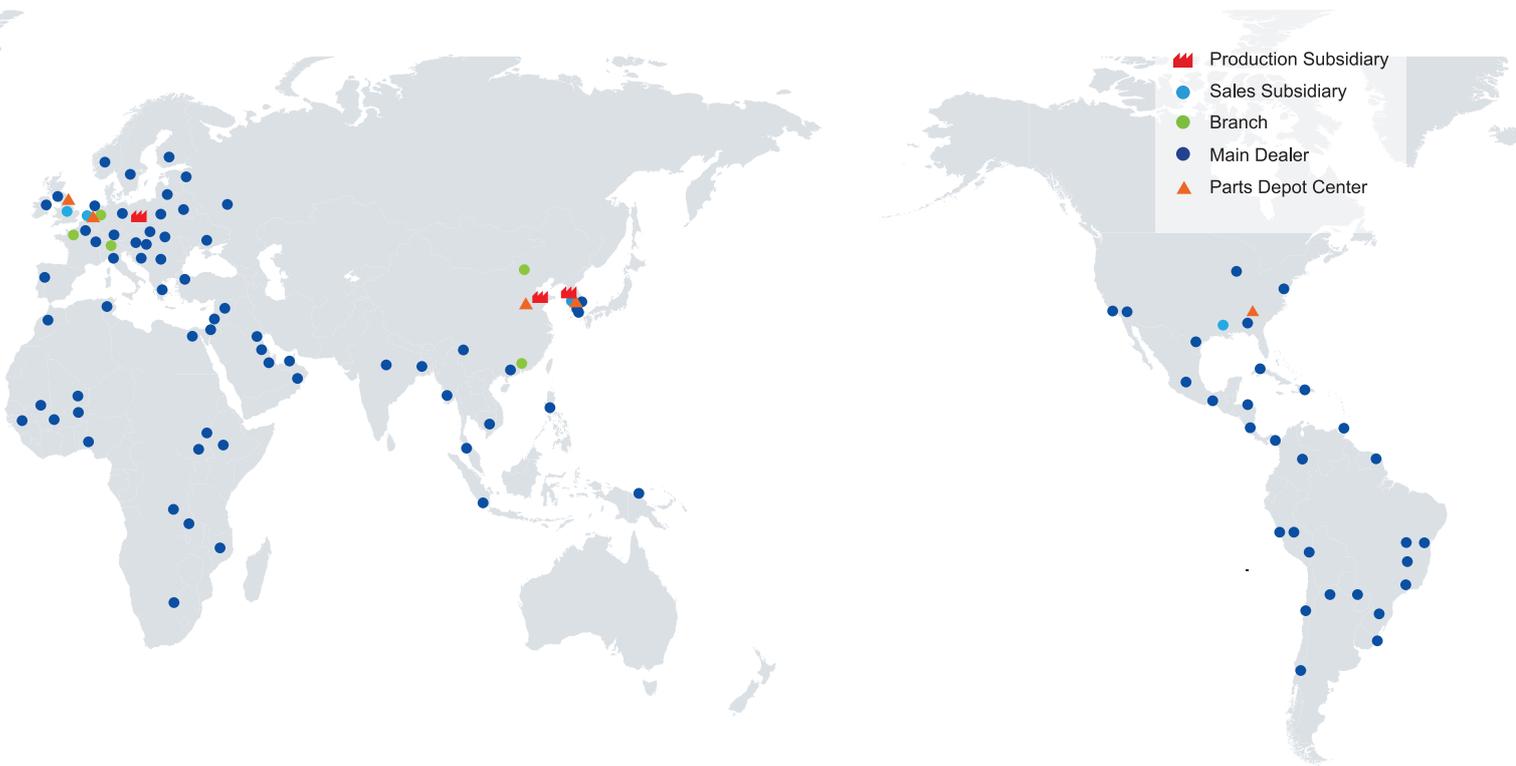
The Doosan network starts with your local dealer and ends with a national team of highly qualified and experienced personnel standing ready to support all your material handling needs.



Standard features and options

Safety	Standard	Option
Direction Lever Function		
Mast Lowering Interlock		
Operator Sensing System (OSS)		
Anti-Cinching Type Orange Seat Belt		
Autoshift Controller		
Anti-Slip Step Plate		
Combination Lamps (LED)		
Panoramic Rear View Mirror		
Rear View Camera		
Strobe Light (Amber / Red)		
Safety Light		
Back-up Buzzer		
Ground Speed Control		
Productivity	Standard	Option
Electric Controlled LPG Engine		
Pedal Location (Accelerator, Brake and Inching)		
Inching Pedal		
Swing Out and Down LPG Cradle - Single LPG tank		
Swing Out and Down LPG Cradle - Dual LPG tank		
Comfort	Standard	Option
Adjustable Steering column		
Integrated Instrument Panel		
Easy to Service		
- Integrated electric components (Relays and fuses)		
- Easy to access to service components through trap doors		
- Wide hood open range		
Full Cabin (ZEUS) with Heater or Airconditioner - Manually Tiltable		
Premium Suspension Seat		
Steering Wheel Knob		
Power Jack		
Durability	Standard	Option
Use Waterproof Connectors		
Dual Element Air Cleaner		
Rigid Driveaxle (w/ ODB)		
Pre-Cleaner		
Environment	Standard	Option
Emission Regulation (Tier3 and Non Certi)		
ISO 9001 / ISO 14001		
Homologation	Standard	Option
CE		

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



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