



[www.doosan-iv.com](http://www.doosan-iv.com)

## 7 Series Forklifts

Pneumatic LP 6 to 7 ton Series



*Lifting Your Dreams*

## About Doosan

### Values that drive our future growth

#### **Trust in people is the foundation on which Doosan has built its century of success**

Doosan has always put 'People' first for the past 100 years, based on our management philosophies. - 'Business is not meant to make profits, but to help people grow.' (Late Too Pyung Park, First Chairman), and continues to spur corporate development with global competitiveness originated from human resources.

#### **Doosan the oldest, but fastest growing company**

Doosan has recorded the longest business history since its inauguration in 1896, but has grown at its most rapid pace for the past 10 years.

#### **Doosan-the global Infrastructure Support Business (ISB) company**

Doosan has created in excess of 90% of its sales within the ISB sector through vigorous reorganization of its business portfolio since 1998.

In the past, 70% of our business was concentrated on consumer goods, but we have successfully transformed our business DNA to the infrastructure support business that constructs and reinforces social infrastructure.

#### **Doosan, surging as a global company**

Doosan has become the global ISB leader based on its world class products and services.

In addition, as a true global company, Doosan's overseas employees encompass 50% of its human resources, and overseas sales take more than 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 first started out 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. We operate large-scale plants and sales subsidiaries both at home and overseas and maintain an operational network that spans continents.

#### **Committed To Innovation**

We remain committed to the advancement of new technologies and 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 Vehicles will be 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 PSI 4.3L LP 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 all application.
- Virtually Maintenance-free Oil cooled Disc Brake(ODB).
- Fuel Efficiency Improvement : 20% compare to previous model.
- New Zeus Cabin can provide wide front view and excellent comfort to operator.



### Well proven and reliable Doosan PSI engines and components

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 available as a standard on all G7oS-7 series. This enclosed brake system eliminates outside contamination, significantly extending brake life and decreasing maintenance cost. Oil cooled disc brakes have service interval 5 times longer than conventional shoe brakes, and are virtually maintenance free.

### 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

- OSS (Operator Sensing System)
- Truck will not move without an operator in the seat.
  - Lift and Lower function 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.

### Optimum Pedal System(OPS)

This Pedal System will reduce the operator's fatigue and provide best sense of drivability. 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 ability.

# Greater durability and easier maintenance.

Powerful PSI 4.3L electronic controlled engine which delivers excellent fuel efficiency is combined with proven transmission and drive axle.

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

Doosan provides more durable transmission with G70S-7 series thanks to 'Standard Autoshift Controller' which can offer optimized gear shifting timing.

Doosan can guarantee the highest quality of engines and its components because we use our own engines, 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.

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

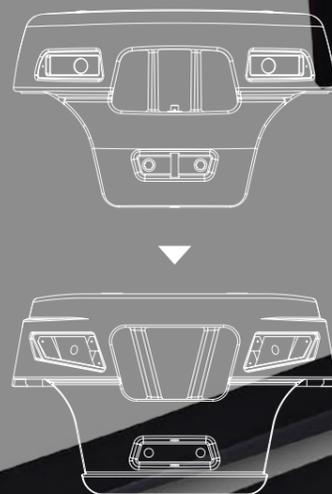
### Swing out and down LP Cradle - Single / Dual

Standard swing out and down LP 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

Increase radiator capacity by improving inside air flow. It 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 steer axle 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 operator to any problem.



### 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.



### 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.



### Locking type gas spring for Hood

Improve operator's safety and convenience with locking function.



## New Zeus Cabin, Great Comfort and Productivity

New Zeus Cabin provides to operator not only great comfort but also higher productivity with ergonomically design features. Doosan can guarantee 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 diagnostic.



### 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.

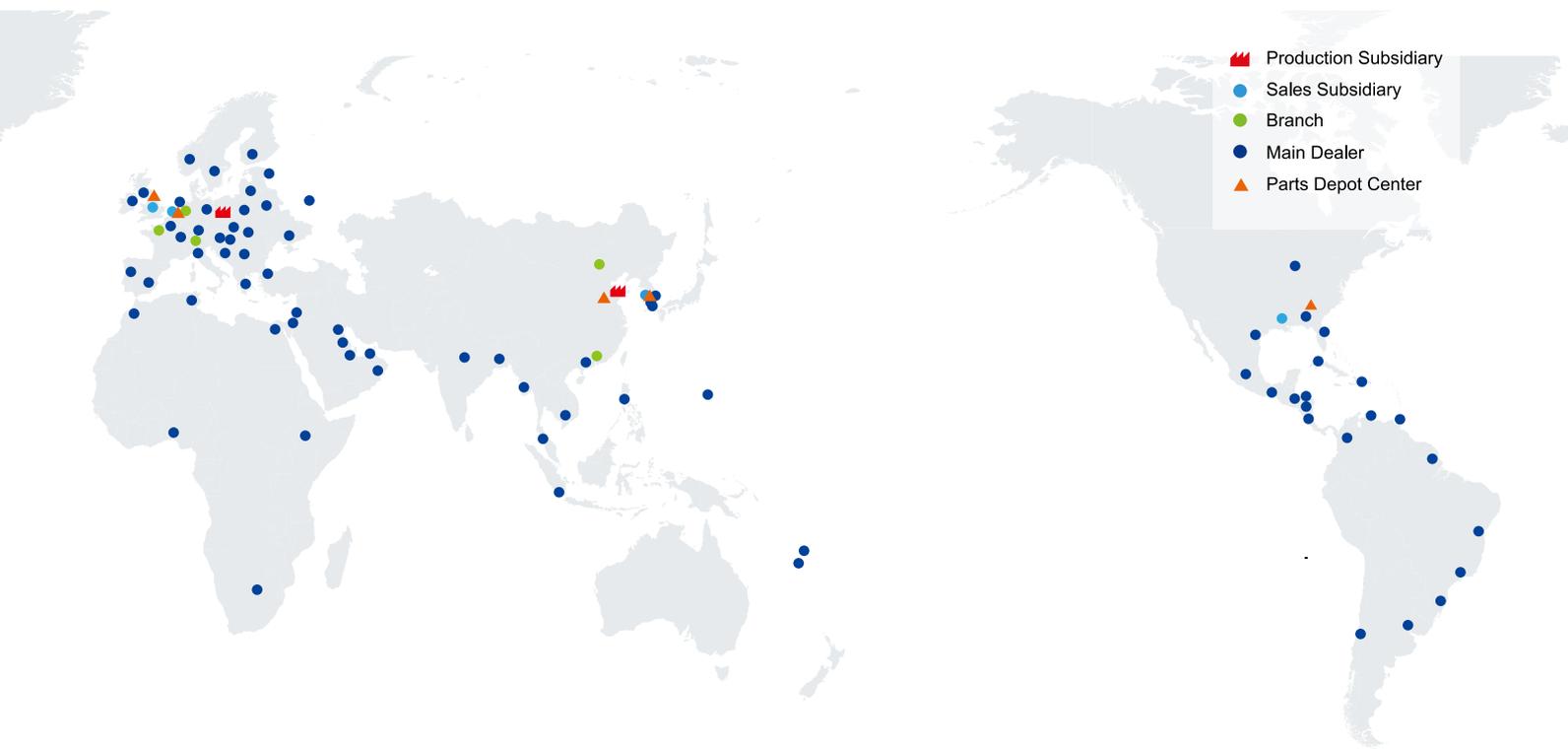
When you own a Doosan forklift, our high quality, responsive customer support team comes with it.

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 Option Availability

Safety	Standard	Option
Direction Lever Function	<input checked="" type="radio"/>	
Mast Lowering Interlock	<input checked="" type="radio"/>	
Operation Sensing System	<input checked="" type="radio"/>	
Anti-Cinching Type Orange Seat Belt	<input checked="" type="radio"/>	
Autoshift Controller	<input checked="" type="radio"/>	
Combination Lamps(LED)	<input checked="" type="radio"/>	
Anti-Slip Step Plate		<input type="radio"/>
Panoramic Rear View Mirror		<input type="radio"/>
Rear View Camera		<input type="radio"/>
Strobe Light(Amber / Red)		<input type="radio"/>
Rear Blue Spot Light		<input type="radio"/>
Back-up Buzzer		<input type="radio"/>
Ground Speed Control		<input type="radio"/>
Productivity	Standard	Option
Electric Controlled LP Engine	<input checked="" type="radio"/>	
Pedal Location(Accelerator, Brake and Inching)	<input checked="" type="radio"/>	
Inching Pedal	<input checked="" type="radio"/>	
Swing Out and Down LP Cradle - Single LP tank	<input checked="" type="radio"/>	
Swing Out and Down LP Cradle - Dual LP tanks		<input type="radio"/>
Comfort	Standard	Option
Adjustable Steering column	<input checked="" type="radio"/>	
Integrated Instrument Panel	<input checked="" type="radio"/>	
Easy to Service	<input checked="" type="radio"/>	
- 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 Tilttable		<input type="radio"/>
Premium Suspension Seat		<input type="radio"/>
Steering Knob		<input type="radio"/>
Power Jack		<input type="radio"/>
Durability	Standard	Option
Use Waterproof Connectors	<input checked="" type="radio"/>	
Dual Element Air Cleaner	<input checked="" type="radio"/>	
Rigid Driveaxle(w/ ODB)	<input checked="" type="radio"/>	
Pre-Cleaner		<input type="radio"/>
Environment	Standard	Option
Emission Regulation(Tier3 and Non Certi)	<input checked="" type="radio"/>	
ISO 9001 / ISO 14001	<input checked="" type="radio"/>	
Homologation	Standard	Option
UL		<input type="radio"/>
CE		<input type="radio"/>

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



Doosan Corporation Industrial Vehicle  
Web site : [www.doosan-iv.com](http://www.doosan-iv.com)

2016 MAY

AUTHORIZED DEALER