www.doosanlift.com

7 Series Pneumatic LP Forklifts

4,000 lb to 7,000 lb Capacity

G20N/G25N/G30N/G33N-7, G35NC-7

Building your tomorrow today

Doosan

A Name To Be Proud Of

The foundation on which Doosan has built its century of success is the trust in its people.

Doosan's management philosophy has always been "people first".

> "Business is not only meant to make profit, but to help people grow."
>
> *–Too-Pyung Park, First Chairman*

We believe this value drives our future growth and it continues to spur corporate development with global competitiveness.

Doosan – the oldest, but the fastest growing company

Doosan holds the record for having the longest business history in Korea since its inauguration in 1896. We are also the fastest growing company, with steady growth rates over the years and reaching our fastest pace in the past 10 years.

Doosan – the global Infrastructure Support Business (ISB)

Doosan has achieved an excess of 90% of its sales within the ISB sector through vigorous reorganization of its business portfolio since 1998. Prior to the transformation in the late 90s, 70% of our business was concentrated on consumer goods, but we have successfully transformed our business DNA into an ISB, that constructs and reinforces social infrastructure.

Doosan – surging as a global company

Doosan has become a global leader in the ISB by providing communities across five continents with the fundamental solutions, tools and structures they need to advance their societies.

With over 43,000 employees in 38 different countries, and 50% of its human resources being locally employed, Doosan is truly a global company.

Doosan Industrial Vehicle

Lifting Your Dreams

Since we first started out as Chosun Machinery in 1937, 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 in Korea and around the world, as well as maintain a massive operational network that spans over continents.

Committed To Innovation

We remain committed to the advancement of new technologies and the development of talented individuals, which drives us to respond effectively to the rapid changes taking place in the 21st century. Our mission is to strengthen our position in the international market and become a global leader in the industry.

Our Promise

Doosan Industrial Vehicle will be the partner you can count on, with our commitment to you a top priority.

Award-Winning Machines

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

PRODUCT FEATURES OVERVIEW

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 new counterweight design shows the Doosan identity and allows better airflow to maximize cooling capacity.

Powerful Engine

Equipped with a reliable, industry leading engine - LP/Dual Fuel : GCT K25 Engine

Engine Hood

The rigid engine hood swings up at a wide angle and provides great accessibility to the main compartment.

Hydrostatic Steeraxle

Doosan's signature heavy duty steeraxle provides smooth steering control and durability.

Junction Box

Integrated fuses and relays are neatly organized in the junction box to simplify maintenance and troubleshooting.

Overhead Guard / Cabin (Optional)

Ergonomically designed overhead guard (or cabin) offers great visibility and reliability.

High Visibility Mast (for 4k/5k lb only)

The new mast design maximizes not only the operator's ability to see through the mast but also allows excellent stability.

Ergonomic Steering Column

The sculpted steering column not only provides the best visibility, but it is infinitely adjustable. The steering wheel is sized perfectly for long operations.

New Instrument Panel

Full LED instrument panel with better visibility and full diagnostic tools.

Tilt Cylinder Cover (Optional)

Not only protects tilt cylinders from unexpected shock but provides additional support for footing.

Rigid Drive-axle with ODB (Oil-cooled Disc Brakes)

Solid one-piece cast iron housing and J-hook mounts on the mast enhances dependability and reliablity that result in lower maintenance costs. The ODB are entirely enclosed and protected from outside debris and contamination. This significantly reduces maintenance and repair costs.

Maintenance-friendly Design

The side cover and floor plate grants easy access to the powertrain and other components thus making maintenance a breeze.

OUTSTANDING PRODUCTIVITY & DURABILITY

Doosan Heart of the Line 7 Series

The best way to grow your business.

High Power, Fuel Efficient Engine

The GCT K25 LP engine provides excellent performance, low noise, low vibration and excellent durability. The engine's reliability is well established in the industry.

Oil-cooled Disc Brakes (ODB)

The ODB is an enclosed brake system that eliminates outside debris or contamination, which significantly extends the brake life while decreasing maintenance costs and down time. It is recommended for applications with humid, abrasive or corrosive environments, as well as those that require extensive use of ramps.

Powershift Transmission

Top-mounted control valve on the transmission precisely modulates clutch oil pressure for smooth forward and reverse directional changes, permitting on-the-go shifting up to 5 mph.

Dual Element Cyclone Air Cleaner

The heavy duty dual element air cleaner permits long service intervals. The air intake on the overhead guard aids drawing clean, cool air into the engine intake system.

Enhanced Cooling System

The combination of a large capacity radiator and an efficient structural design of the counterweight that maximizes airflow not only enhances reliability and durability of the truck but increases uptime in heavy duty applications.

ECO Mode

Operators can easily switch on the ECO mode from the dash. The ECO mode will reduce fuel consumption by 15% compared to standard mode.

Limp Home Mode (LHM)

The LHM is an additional layer of protection to the unit. The transmission oil and engine coolant temperatures are monitored and the LHM is triggered when the temperature goes over the desired level. This will prevent damage from overheating the transmission and the engine.

Autotilt Leveling System (Option)

Autotilt Leveling system returns the mast to a safe vertical position in order to protect the load. This will prevent non-parallel stacking that may potentially cause product damage.

Undershield & Engine Guard

The undershield and engine guard help protect the powertrain, engine, fan blades and many other components from dirt and debris.

Visibility Through Mast

The 7 series LP forklifts have the hydraulic hoses and the chains neatly organized and tucked away to enhance wide front visibility, which is crucial for effective operation as well as safety.

SUPERB ERGONOMICS

Designed for the Operator

Every detail with operator's comfort in mind.

Tilt Cylinder Cover (Optional)

The cover protects the tilt cylinders from unexpected shock and provides additional footing for the operator.

Entry Assist Bar and Anti-slip Stepping Plate

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

Ergonomic Design

All components such as seats, switches, instrument panel, levers and pedals are meticulously designed to provide operators the best working environment.

Premium Seat (Optional)

A low-profile mechanical suspension seat significantly reduces vibrations and shock, helping operators stay productive even through long hours of operation.

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.

Fully Adjustable Operator Space
The steering column as well as the suspension seat, armrest and optional headrest are all adjustable to accommodate individual preferences for each forklift operator.

Intuitive Instrument Panel
An intuitive display with integrated indicators keep operators aware of the vehicle conditions quickly and effectively.

Full Cabin (Optional)
The all-new Doosan cabin comes with premium features that provide the operator additional protection against harsher environments and improve productivity at the same time.

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.

SAFETY & STABILITY

Blue LED Safety Spotlight

The blue spotlight is an effective driving path warning system for nearby pedestrian's safety, especially in aisles, corners and in confusing crossing areas.

Panoramic Mirror

Panoramic mirrors offer additional safety by showing a clear rear view, in order to reduce accidents and unnecessary damage to the truck, products or rack system.

Anti-Cinch Seat Belt

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

Operator Sensing System

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.

Mast Inter-lock(ISO 3691)

If the operator gets off the seat or turns off the forklift, the hydraulic tilt, lift and lowering system will be deactivated automatically.

Interlocking Seat Belt

Truck will not move without the seat belt fastened. Tilt, lift and lower function is also disabled if the seatbelt is not fastened.

Interlocking 4th Lever

The 4th lever will be locked until it is released. This feature is espescially useful in applications with attachments, since it prevents triggering the 4th lever accidentally.

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SERVICEABILITY

Easy to Access

- Engine hood opens with ease
- Hood opens wide with plenty of space
- Locking gas spring
- Removable floor mat and plate

Easy to Service

- Optimized location for maintenance: Battery, air cleaner, filters, dipstick gauges
- CANbus communication
- Junction box : Integration of fuses and relays

VERSATILITY

Differentiated Support You can trust.

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

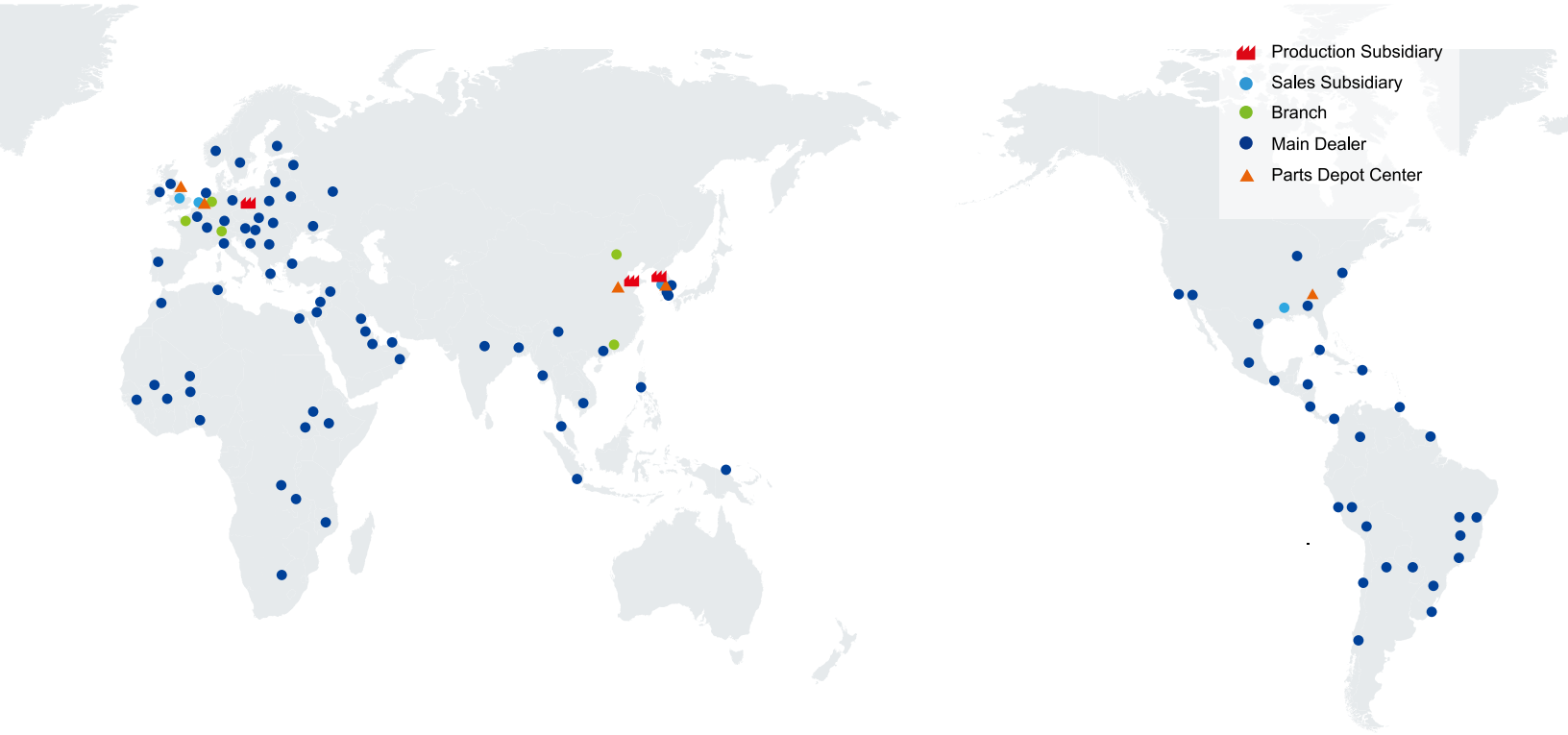
As a Doosan customer, your authorized factory-trained dealer will provide the best after-sales service and support. All are backed by Doosan's own customer service center. In addition, Doosan’s excellent parts fill rate will ensure minimal downtime.

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 and Options

4,000 lb to 7,000 lb Capacity

SAFETY	STANDARD	OPTION
Direction Switch	O	
Mast Lowering Inter-lock - Tilt, Lift and Lowering	O	
Operator Sensing System (OSS)	O	
Anti-Clinch Orange Seat Belt	O	
Anti-Slip Step Plate	O	
Interlocking Seat Belt		O
Interlocking 4th Lever		O
Blue LED Safety Spotlight		O
Rear Grab Bar (with Horn)		O
Panoramic Mirror		O
Ground Speed Control		O
Back-up Alarm		O
Swing Out & Down Cradle for LP Tanks		O
PRODUCTIVITY	**STANDARD**	**OPTION**
Electronically Controlled LP Engines	O	
Ergonomic Pedal Location (Accelerator, Brake and Inching)	O	
Inching Pedal	O	
Low Fuel Indicator	O	
LED Lights (Front / Rear)		O
LED Combination Lights		O
Weight Scale (Hydraulic / Loadcell)		O
Autotilt Leveling		O
Quick Disconnect Hose Couplings		O
Special Overhead Guard - Drive in Rack / Low or High Overhead Guard		O
ERGONOMICS	**STANDARD**	**OPTION**
Adjustable Steering Column	O	
Integrated Instrument Panel	O	
Full Cabin with Heater		O
Premium Seat - Suspension, Heated Seats, Head Rest		O
Steering Knob		O
DURABILITY	**STANDARD**	**OPTION**
Electronic Control Units(ECU) Cover	O	
Waterproof Connectors	O	
Dual Element Air Cleaner	O	
Full Floating Driveaxle (w/ ODB)	O	
Autoshift Controller		O
Radiator Screen		O
Vented Side Panel		O
Pre-Cleaner		O
SERVICEABILITY	**STANDARD**	**OPTION**
CANbus Communication System	O	
Removable Floor Mat and Plate	O	
Ease of Service - Integrated Electric Components in the Junction Box (Relays and Fuses) - Hand-Fastened Side Plate and Floor Mat - Wide Hood Angle - Locking Hood Gas Spring	O	
ENVIRONMENT	**STANDARD**	**OPTION**
Emission Regulation Compliance	O	
ISO 9001 / ISO 14001	O	
2 Operating Modes (Standard / ECO Mode)	O	
HOMOLOGATION	**STANDARD**	**OPTION**
UL		O
CE		O



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AUTHORIZED DEALER