



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

## **GX Plus Forklifts**

**Pneumatic 2.0 to 3.0 ton Series** For Europe



*Building your tomorrow today*

## 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.

# PRODUCT FEATURES OVERVIEW

## Operator Compartment

Designed for comfort and productivity. Wide open leg room, ergonomically located pedals and low cowl height for better visibility.

## Hood Mounted Control Lever

This change reduces operator's fatigue dramatically because of its comfortable arm position.

## Adjustable Steering Column

Infinitely adjustable steering column.

## New Instrument Panel

Easy to read Instrument Panel.

## Rigid Transaxle with Shoe Brake

Rigid transaxle includes shoe brakes and 1 speed powershift transmission helps to reduce maintenance and repair time and costs.

## Wide Open Step Plates and Easy Entry Grab Bar

Enables easy entry and exit. Also wide anti slip step plates keeps operator's safety in any weather condition.

## Overhead Guard

Ergonomically designed overhead guard offers great visibility and reliability.

## Operator Sensing System(OSS)

Prohibit the operation automatically during operator's absence.

## Dual Element Air Cleaner

The large capacity, dual element air cleaner is designed to extended service interval.

## Powerful Engine

Apply powerful and market proven engine.  
- Diesel : Yanmar Euro Stage IIIA Engine  
- Gasoline/LP : MMC Engine

## Counterweight & Cooling

Newly designed counterweight shows Doosan GX Series design identity and allows better airflow to maximize cooling capacity.

## Engine Hood

Rigid engine hood with wide open angle provides great accessibility to main compartment.  
- Material change : FRP → SMC

## Easy to Remove Floor Plate & Mat

Easy to remove floor plate offers great accessibility to powertrain and other compartment.



## SIMPLE AND ERGONOMIC DESIGN SIMPLE TO OPERATE



**Hood Mounted Hydraulic Control Levers**  
This change reduces operator's fatigue dramatically because of its comfortable arm position.



**Adjustable Tilt Steering Column**  
The steering column can be adjusted to any position that the operator wants. The adjustment of steering column can be achieved by just operating lever.



**Wide Step Plate and Entry Grab Bar**  
Enables easy entry and exit. Also wide anti slip step plates keep operator's safety in any weather condition.

## SERVICEABILITY EASY TO MAINTENANCE

### Easy to Access

- Easy to open hood
- Wide hood open angle
- Easy removable floor mat and plate

### Easy to Service

- Optimized location to service : battery, air cleaner, filters, dipstick gauges
- Integration of fuses and relays



### Easy to Read Instrument Panel

Engine coolant temperature, transmission oil temperature, fuel level gauge and hour meter keep the driver aware of the machine's operating conditions at all times.

Engine oil pressure, alternator voltage, water separator and pre-heat indicator illuminate to operator to any abnormal condition.



The SMART choice for your business  
**FOR VARIOUS APPLICATIONS**



Building materials



Recycling



Lumber,  
Wood



Industrial machinery  
and equipment



Rental



**PRODUCTIVE &  
DURABLE**



Diesel Engine  
4TNE94L

**High Powered, Fuel Efficient Engine**

This 3.0 liter diesel engine is designed exclusively for industrial applications. Especially, this engine provides great fuel efficiency, low noise and extended service intervals.



Gasoline /  
LPG Engine  
G424P(E)

This 2.4 liter gasoline and LPG engine provides greater torque and higher performance. The engine includes hydraulic lash adjusters which provide service free valvetrain for life of engine. A premium camshaft and balance shaft belts help not only to extend service interval but also to reduce noise.



**Cyclone, Dual Elements Air Cleaner**

Cyclone type and heavy duty dual element filter air cleaning system protects the engine against contamination. This extend engine service life and keep the best engine condition in any environment.



**Rigid Transaxle with Shoe Brake**

Rigid transaxle with shoe brakes includes 1-speed, powershift transmission and uses 4-pinion differential bevel gear set to transfer high torque to the drive wheels .  
Transmission gear is made from carbonized high alloy steel for long life.



**Robust Frame**

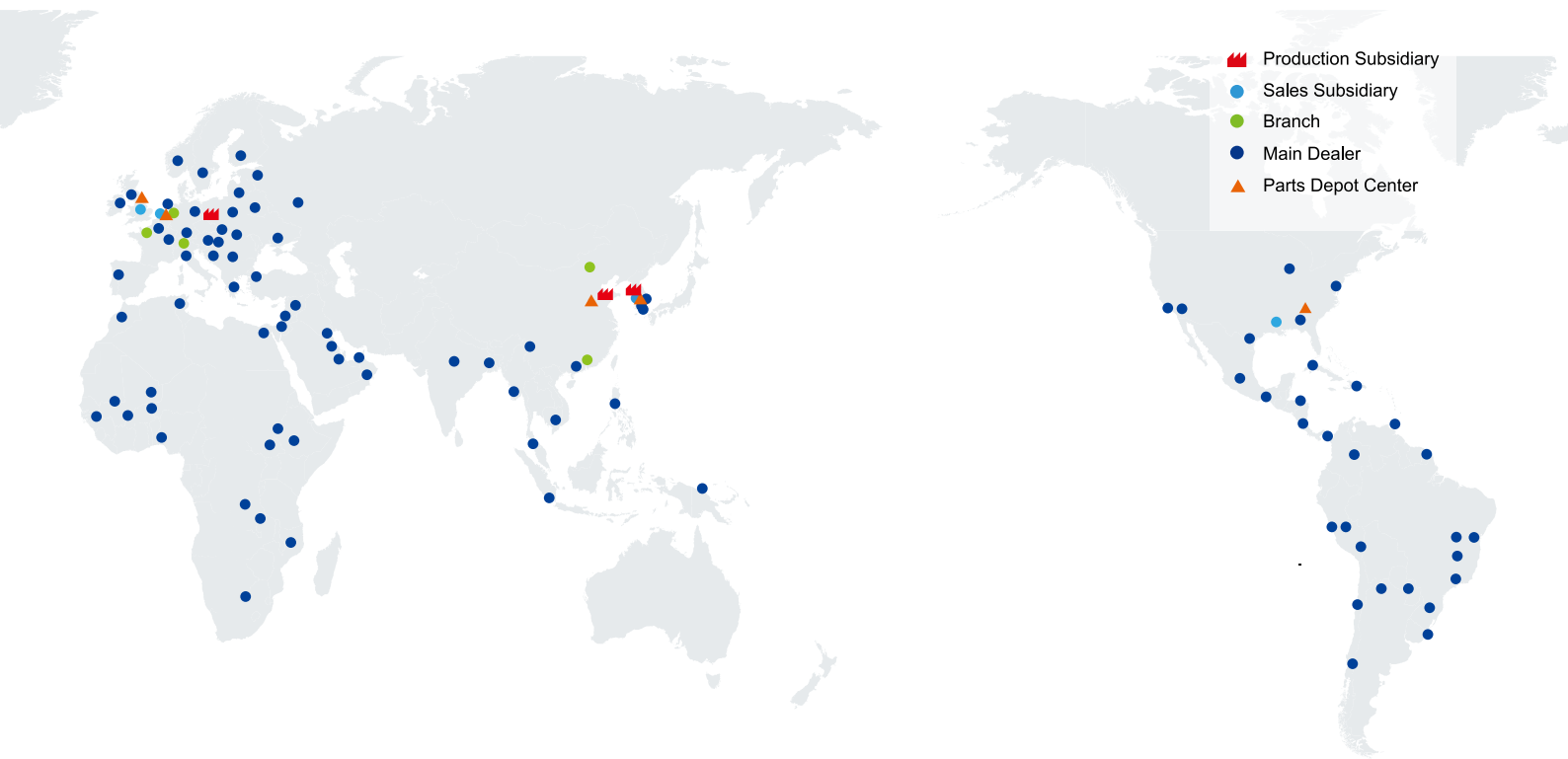
The complete frame consists of two bended side weldments, a rear and a front frame. These four weldments are welded together to produce a uniform, robust and rigid frame. The bended side weldments provide rigid support and structure.

## Choose the features what you need

	STANDARD	OPTION
<b>SAFETY</b>		
Direction Lever Function	0	
Operation Sensing System	0	
Back-up buzzer	0	
Mast Interlock - Tilt, Lift and Lower		0
Anti-cinch Type Orange Seat Belt		0
Spark Arrester		0
Rear Grab Bar (with Horn)		0
Strobe		0
Fuel Cap with Key		0
Engine Shut Down		0
<b>PRODUCTIVITY</b>		
Powerful Diesel Engines	0	
Pedal Location (Accelerator, Brake and Inching)	0	
Inching Pedal	0	
Combination Lamps	0	
LED Lights (Front / Rear)		0
LED Combination Lamps		0
Quick Disconnect Hose Couplings		0
<b>COMFORT</b>		
Adjustable Steering column	0	
Integrated Instrument Panel	0	
Steering Knob	0	
Hood mounted Control Levers	0	
Full Cabin with Heater		0
Fan		0
<b>DURABILITY</b>		
Dual Element Air Cleaner	0	
Powershft Transaxle (with Shoe Brakes)	0	
Autoshift Controller		0
Heavy Duty Cooling		0
Pre-Cleaner		0
<b>SERVICEABILITY</b>		
Removable Floor Mat and Plate	0	
Easy to Service	0	
- Integrated Electric Components (Relays and Fuses)		
- Tool-less Side Floor Mat and Plate		
- Wide Hood Open Range		
<b>ENVIRONMENT</b>		
Emission Regulation (Stage IIIA)	0	
ISO 9001 / ISO 14001	0	
<b>HOMOLOGATION</b>		
CE		0

## Differentiated Support You can trust.

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.



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

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AUTHORIZED DEALER