

## 7 Series Forklifts

### Pneumatic Diesel 2.0 to 3.5 ton Series

D20S/D25S/D30S/D33S-7, D35C-7 with Yanmar 3.3L  
EPA Interim tier-4, Euro Stage IIIA



*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.

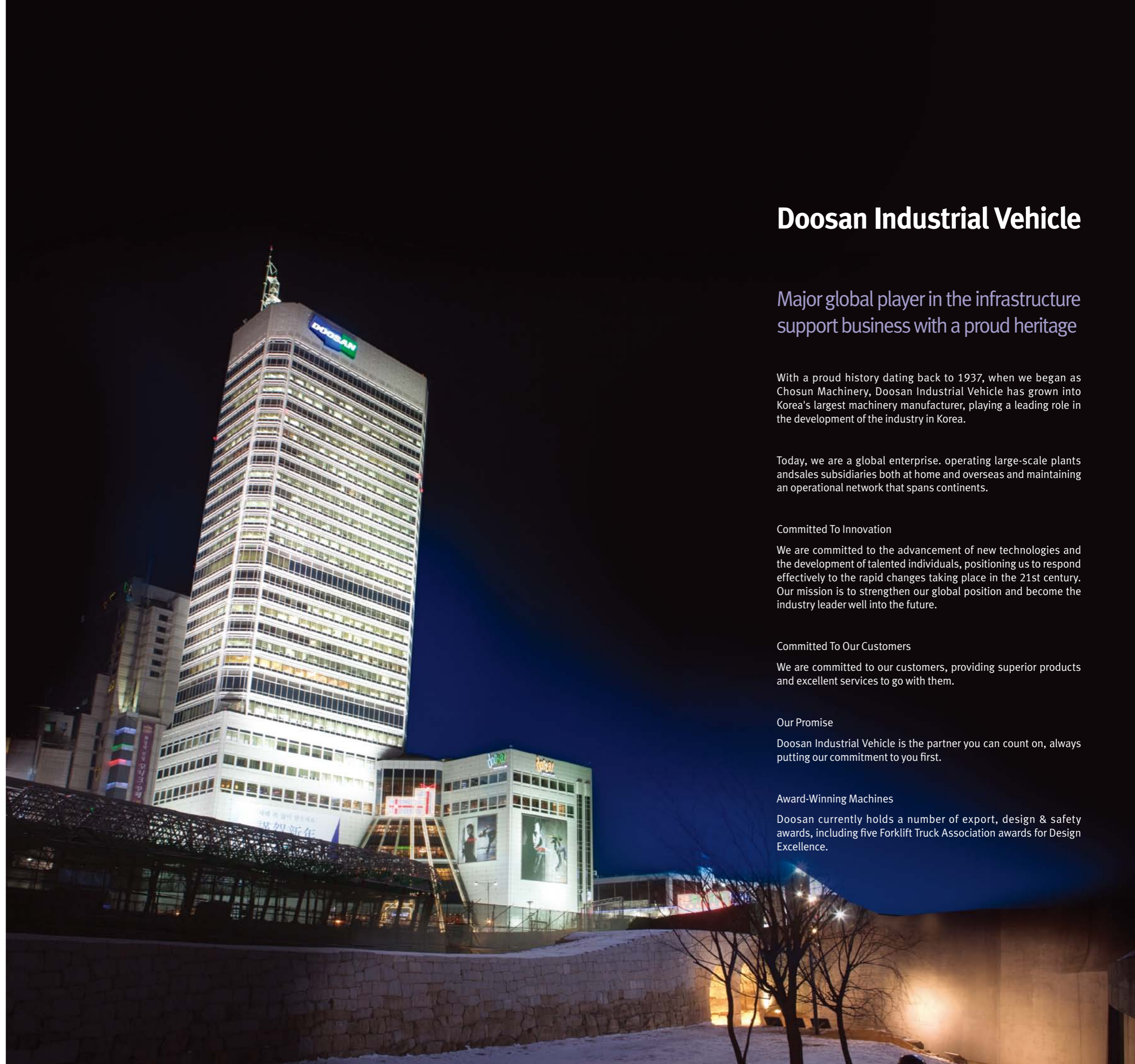
#### Doosan's global Infrastructure Support Business (ISB)

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

Newly designed operator's cell enhanced comfort and productivity. Wide open leg room, ergonomically located pedals and low cowl height for better visibility.

## Operator Sensing System(OSS)

Prohibit the operation automatically during operator's absence.

## Counterweight & Cooling

Newly designed counterweight shows Doosan 7 Series design identity and allows better airflow to maximize cooling capacity.

## Powerful Engine

Apply powerful and market proven engine.  
- Diesel : Yanmar 3.3L

## Engine Hood

Rigid steel engine hood with wide open angle provides great accessibility to main compartment.

## Hydrostatic Steeraxle

Doosan steeraxle provides smooth steering control and durability.

## Easy to Remove Floor Plate & Mat

Easy to remove floor plate offers great accessibility to powertrain and other compartment. Thick rubber floor mat reduces noise and vibration for operator's comfort.

## Overhead Guard / Cabin (Optional)

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

## High Visibility Mast (for 2/2.5ton only)

Newly designed mast provides maximized not only operator's visibility but Mast stability.

## Adjustable Steering Column

Infinitely adjustable steering column.

## New Instrument Panel

Add speedometer and improve visibility.

## Tilt Cylinder Cover

Not only protects tilt cylinders from unexpected shock but provides the space for placing operator's foot.

## Rigid Drivexle with ODB

Solid one piece cast iron housing and J-hook mounts for the mast enhances dependability and reliability for low maintenance cost.

ODB(Oil-cooled Disc Brakes) is totally enclosed and contained in a sealed unit for maximum protection against contamination. This helps to reduce maintenance and repair time and costs.



# OUTSTANDING PRODUCTIVITY & DURABILITY

The best way to grow your business.



## High Powered, Fuel Efficient Engine

Yanmar 3.3L (for EPA Interim tier IV / Euro Stage IIIA) diesel engine meets emission regulation while keep powerful performance and excellent fuel efficiency.

## Oil-cooled Disc Brakes

The oil-cooled disc brake system is totally enclosed for maximum protection against contamination. This maintenance free brakes system ensures maximum uptime, less damage, and zero cost for you.

## Powershift Transmission

Market proven powershift transmission precisely modulates clutch oil pressure for smooth forward and reverse directional changes.

## 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.

## Autotilt Leveling System

Optional Autotilt Leveling system returns the mast to vertical position easily by tilt angle sensing. This will prevents product damage which can be caused by non-parallel stacking.

## Under & Engine Protection

Optional Belly plate and Engine Guard protect the powertrain, engine, fan blades and many components from dirt and debris.

## Mast Visibility

Neatly arranged hydraulic hoses and chains enhance wide front visibility while keep the strength and rigidity.

## Enhanced Cooling System

The combination of large capacity radiator and maximized airflow by counterweight inside shape not only enhances reliability and durability of the truck but increases uptime in heavy duty applications.

# SUPERB ERGONOMICS

Designed for Operator  
Every design of Doosan forklifts have the operator's comfort in mind.



## Tilt Cylinder Cover

The steering column and seat position are fully adjustable to accommodate every operators individual preferences.



## Easy Entry Grab Bar and Anti Slip Step Plate

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



## Optimized Components Location

All components such as seats, switches, instrument panel, levers and pedals are ergonomically designed and located to provide operators great comfort.

## Premium Seat (Optional)

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

## Rear Grap Bar with Horn

The horn button on the rear assist 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.

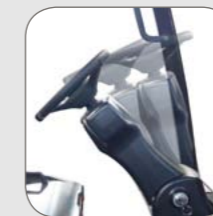


## Optimum Visibility

Thanks to the low profile dash and the precisely designed overhead guard profile with pressed roof provides a clear view upwards whilst ensuring ultimate strength for safety.

## Fully Adjustable Operator's Space

The steering column and seat position are fully adjustable to accommodate every operators individual preferences.



## Easy to Read Display

Integration of all indicators and speedometer keeps operator ever aware of all vehicle conditions quickly and easily.



## Full Cabin (Optional)

New Doosan cabin provides to operator not only great comfort but also higher productivity with ergonomically designed features.



# SAFETY & STABILITY



## Operator Sensing System

Operator sensing system(OSS) prohibits the operation automatically during operator's absence. Truck will not move without an operator in the seat. Tilt, Lift and Lower function disabled if the operator is not in the seat or the key is off. Alarm will sound if operator leaves the seat w/o applying parking brake. Seat belt warning light on dash to remind operator to fasten seat belt.



### Rear Blue Spot Light

The rear blue spot light is an driving path warning system for passenger's safety especially in aisles, corners and in confusing crossing areas.



### Panoramic Mirror

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



### Anti-Cinch Type Seat Belt

This provides not only comfort but safety to operator, thanks to the function which is not locking in the normal operation and working at a sudden accidents.

Orange color



### Mast Inter-lock(ISO 3691)

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



### Seat Belt Interlocking

Truck will not move without fastened seat belt. Tilt, Lift and Lower function disabled if the seatbelt is not fastened.



### 4th Lever Interlocking

Very useful at the application where the clamp attachment is used. It prevents the cargo dropping accidents by touching 4th lever unconsciously.

# VERSATILITY

All-round player in the various application.



Building Materials



Fiber, Paper



Chemicals



Lumber, Wood



Recycling



Industrial machinery and equipment



Fishery



Wholesale trade durable goods



# SERVICEABILITY

## Easy to Access

- Easy to open hood
- Wide hood open angle
- Locking type gas spring
- Easy removable floor mat and plate

## Easy to Service

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



## Standard Features and Optional Extras

● Standard ○ Option

ENGINE MODEL : Yanmar 3.3L

**SAFETY**

Direction Lever Function	●
Mast Interlock - Tilt, Lift and Lower	●
Operation Sensing System	●
Anti-cinch Type Orange Seat Belt	●
Seat Belt Interlocking	○
4th Lever Interlocking	○
Spark Arrester	○
Rear Blue Spot Light	○
Rear Grib Bar (with Horn)	○
Panoramic Mirror	○
Back-up buzzer	○

**PRODUCTIVITY**

Pedal Location (Accelerator, Brake and Inching)	●
Inching Pedal	●
LED Lights (Front / Rear)	○
LED Combination Lamps	○
Weight Scale	○
Autotilt Leveling	○
Quick Disconnect Hose Couplings	○
Special Overhead Guard - Drive in Rack / Low or High Overhead Guard	○

**COMFORT**

Adjustable Steering column	●
Integrated Instrument Panel	●
Full Cabin with Heater or Airconditioner	○
Premium Seat - Suspension, Heat Rays, Head Restraint	○
Steering Knob	○

**DURABILITY**

Use Waterproof Connectors	●
Dual Element Air Cleaner	●
Full Floating Driveaxle (with ODB)	●
Autoshift Controller	○
Heavy Duty Cooling	○
Radiator Screen	○
Vented Side Panel	○
Pre-Cleaner	○

**SERVICEABILITY**

Removable Floor Mat and Plate	●
Easy to Service	●
- Integrated Electric Components in the Junction Box (Relays and Fuses)	
- Tool-less Side Floor Mat and Plate	
- Wide Hood Open Range	

**ENVIRONMENT**

Emission Regulation (Interim tier4 and Stage 3A)	●
ISO 9001 / ISO 14001	●

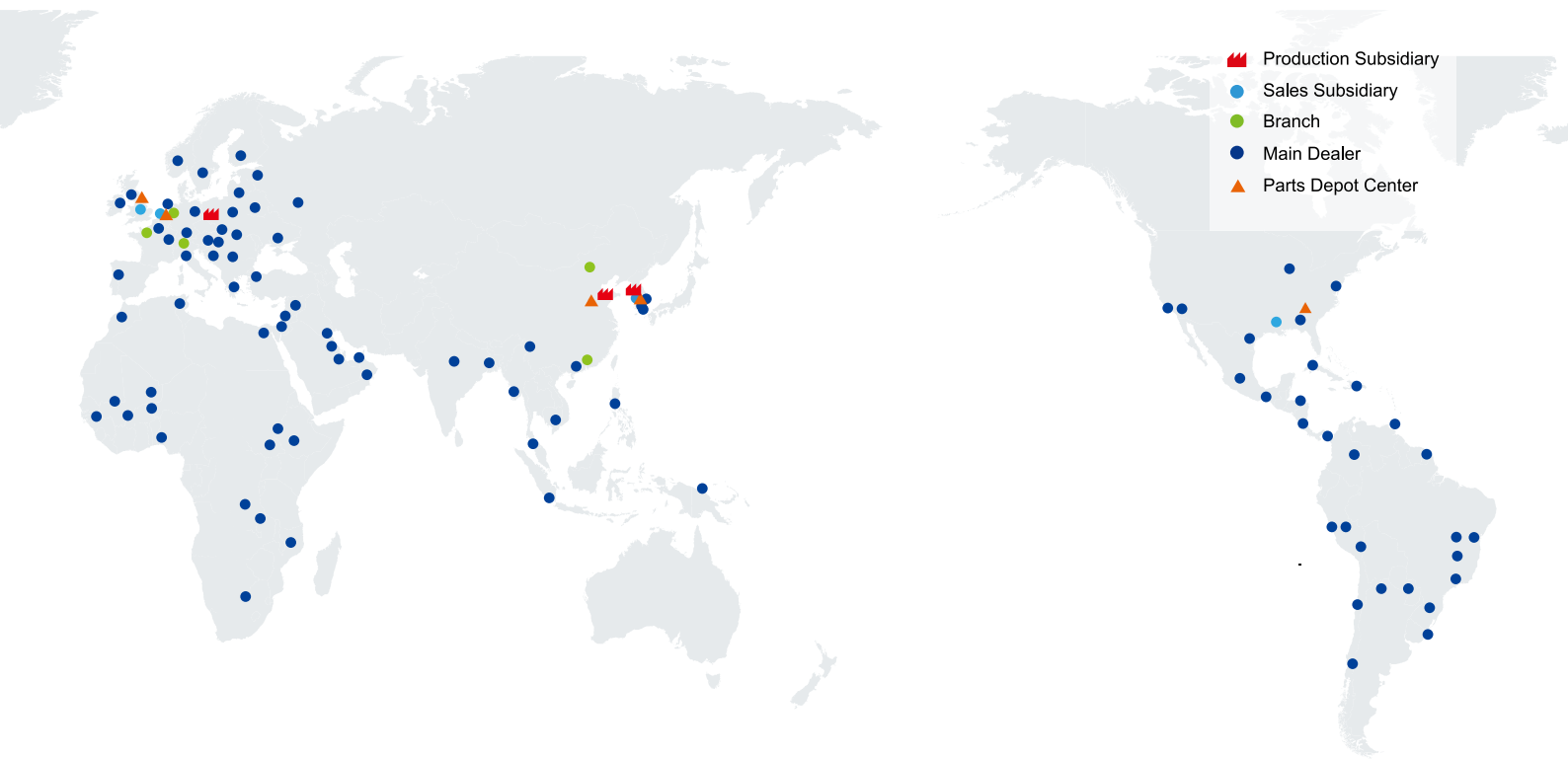
**HOMOLOGATION**






UL	○
CE	○

## 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.





-  Production Subsidiary
-  Sales Subsidiary
-  Branch
-  Main Dealer
-  Parts Depot Center



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

2017 OCT

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