



B15N

# NXE SERIES FORKLIFTS

Electric 1.5 ton capacity 4 wheel



## Features overview

Power, performance, comfort, durability and productivity will certainly satisfy you.

### DURABILITY

Reliable AC control system

IP 65 rated water and dust proof controller

Rugged and durable transaxle

### PRODUCTIVITY

Excellent visibility

Smooth and responsive driving & lifting

More comfortable foot parking brake

### SERVICEABILITY

Worldwide service network

Doosan genuine parts

Easy to access controller room



### ENHANCED SAFETY

ISO3691 Hydraulic locking

Mast lowering cushion

OSS(Operator sensing system)

Emergency switch

LED lights

### ADDITIONAL FEATURES

Easy and Instinctive display

Convenience tray & device

Comfortable operator room

Compact steering wheel

Performance selection(H/S/E)



## Durability and Productivity



### Rugged and durable transaxle

A full floating drive axle combines with the rugged AC drive motor to form a highly efficient transaxle. The transaxle effectively transfers the power and torque of the drive motor to the final drive for both smooth operation.



### Excellent visibility

Neatly arranged hydraulic hoses and chains provide clear front visibility through the wide view mast.



### Foot parking brake

The foot-operated parking brake provides sufficient parking performance, even if it is not difficult to apply.



### Reliable AC system

Curtis AC controllers provide an unbeatable combination of power, performance and functionality. IP 65 rated controller is very reliable and well proven in tough applications.

Maintenance Free Electric Motors by eliminating motor brushes and commutators.



# Enhanced Safety



### LED lights

Brighter and last longer than traditional sealed beams or halogen lights.



### Emergency switch

The operator can push the emergency switch with one hand on the steering wheel quickly.



### Large mirrors

Provide the operator a clear view of the rear or side working area, improving working safely & efficiently.



### OSS (Operator Sensing System)

Whenever the operator leaves the seat, the truck travel and mast lifting functions will stop. This systems avoids any unintended forklift movements when the operator is not seated.



### Mast lowering cushion

Absorb the rapid impact at the end of the mast lowering to minimize the damage to the load.



### A type cabin

Protect the vehicle and driver from the rainfall in case of rain to keep their work safe.



### Mast lowering inter-lock & Tilt lock (ISO3691) The hydraulic locking

The hydraulic locking system prevents natural lowering and tilting. It safeguards the work array, the truck and the load even if the operator leaves the truck unattended.



# Better Serviceability

## Worldwide service network

Doosan provides high-quality support, relying on its extensive dealer network. No matter where you are located, highly-skilled professionals are always ready to help you, guaranteeing maximum uptime.

- Head quarter
- Overseas offices and service centers



## Doosan Genuine Parts

The parts warehouse, supplies high quality Doosan parts to the dealer network.



Wide open hood cover with locking type gas spring

Tool- less side panel with air ventilation



Easy to access controller room

A controller room with easy access can be checked and serviced more easily.



Easy to access brake oil

Check brake oil level and fill the oil. The reservoir can be accessed easily.



Hood open handles

Each side of the hood has an open handle, which makes it easy to open the hood from either side.



# Additional Features



**Small steering wheel**

The steering wheel has a compact design that reduces operator fatigue.



**Adjustable column**

The operator can adjust the position of the column for convenience and comfort



**Convenience tray**

Include a cup holder, a USB power jack, a clipboard holder and a storage space.



**Easy and instinctive instrument panel**

Operators can control the truck's performance settings during operation, simply by navigating the instrument panel



**Comfort operator leg room**

Thick and large rubber floor mat & rounded hood are offers comfort operator's room.



**Anti slip step & Entry bar**

Anti slip step and entry bar helps easy to get in/off truck.



### Performance mode selection

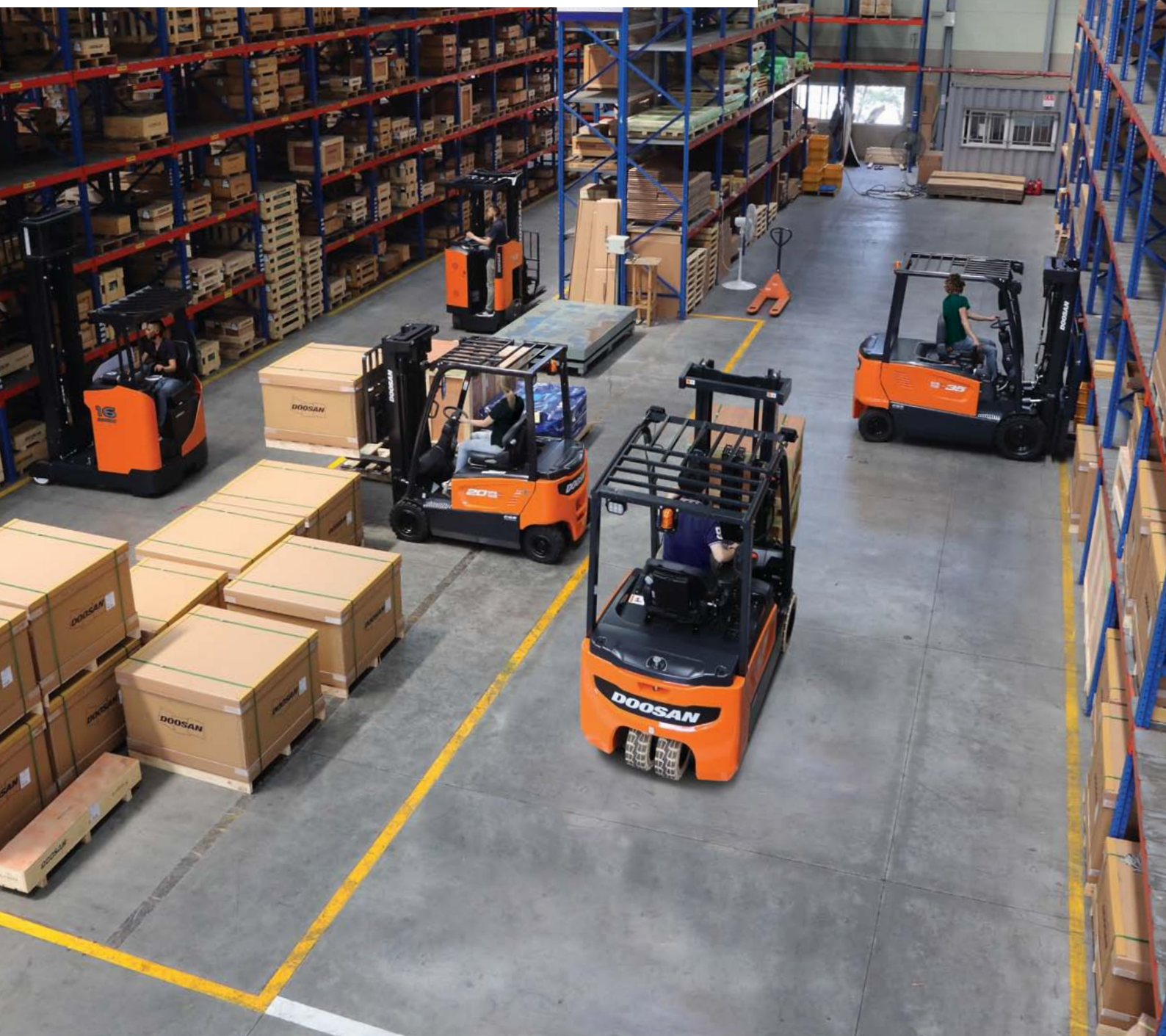
Different performance mode to choose for different applications under different environments.

- H mode : High performance
- S mode : Standard performance
- E mode : Economy performance

**SAFE SPEED**



# Global Leader DOOSAN FORKLIFT



## Main Specifications

MAJOR SPECIFICATION		B15N
Capacity	kg (lb)	1500(3000)
Load centre	mm(in)	500(24)
Load distance, centre of drive axle to fork	mm(in)	381(15)
Wheel base	mm(in)	1360(53.5)
Aisle width for pallets 1000x1200 crossways	mm(in)	3401(133.9)
Aisle width for pallets 800x1200 crossways	mm(in)	3601(141.8)
Turning radius	mm(in)	1820(71.6)
Travel speed, loaded/unloaded	km/h(mpf)	13/15 (8.1/9.3)
Lift speed, loaded/unloaded	mm/s(fpm)	320/420(63.0/82.7)
Lowering speed	mm/s(fpm)	370/370(72.8/72.8)
Max. Drawbar pull, loaded/unloaded, 5minute rating	N(lb)	13000/13000(2918/2918)
Max. Gradeability, loaded/unloaded, 5minute rating	% (deg)	13/15(7.4/8.5)
Battery voltage/nominal capacity K5	V/Ah	48/400

## Standard Features and Optional Extras

### SAFETY & STABILITY

Emergency stop switch	Standard features
ISO 3691 Mast lowering inter-lock & tilt lock	Standard features
LED Lights	Standard features
Low battery warning light	Standard features
Mast lowering cushion	Standard features
OSS(Operatoe sensing system)	Optional extras

### PRODUCTIVITY

Excellent visible mast	Standard features
More comfortable foot parking brak	Standard features
Rounded design counterweight	Standard features
Smooth and responsive driving & lifting	Standard features
Integral sidsifter	Optional extras
Low OVHG 1,980mm(78") with 2,900 STD Mast	Optional extras

### OPERATOR COMFORT (ERGONOMIC)

Adjustable tilt steering column & easy grip steering wheel	Standard features
Cup holder, usb power jack, clip board and storage space	Standard features
Easy to read instrument panel	Standard features
Entry grip entry bar & large entry step with anti-slip pattern	Standard features
Large & angled floor plate (leg room) with rubber mat	Standard features
Modular cabins A cabin	Standard features
Performance selection(H/S/E)	Standard features
Rounded design battery hood cover	Standard features

### DURABILITY & SERVICEABILITY

Easy to access controller	Standard features
Full AC system chassis	Standard features
IP65 Rated curtis controller	Standard features
Robust frame structure & strong structure overhead guard	Standard features
Tool-less side cover with air ventilation	Standard features
Wide open battery hood cover	Standard features

- Standard features
- Optional extras

\* Remark : This list is based on factory data. Standard or optional can vary for specific countries.



# 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 reorganisation 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.

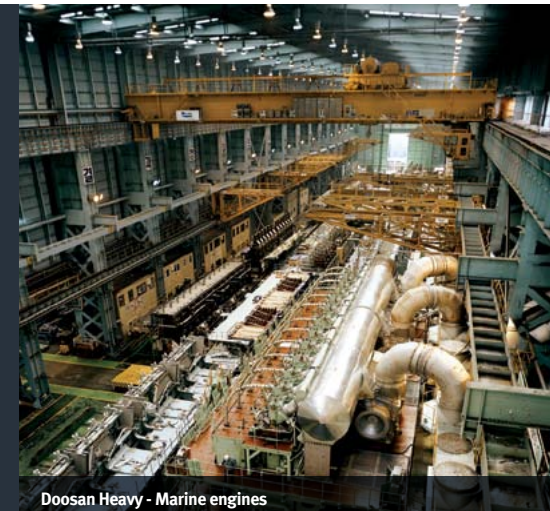
## Doosan, surging as a global company

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.



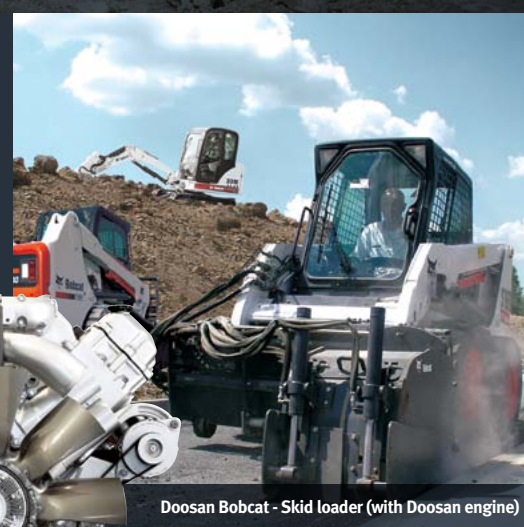
Doosan Infracore - Construction equipment

**Committed To Our Customers**  
We are committed to our customers, providing superior products and excellent services to go with them into the future.



Doosan Heavy - Marine engines

**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 21<sup>st</sup> century. Our mission is to strengthen our global position and become the industry leader well into the future.



Doosan Bobcat - Skid loader (with Doosan engine)



**Doosan Way**  
The Doosan Way is our unique way of doing business; the philosophy and culture that will guide us to become the "Proud Global Doosan."

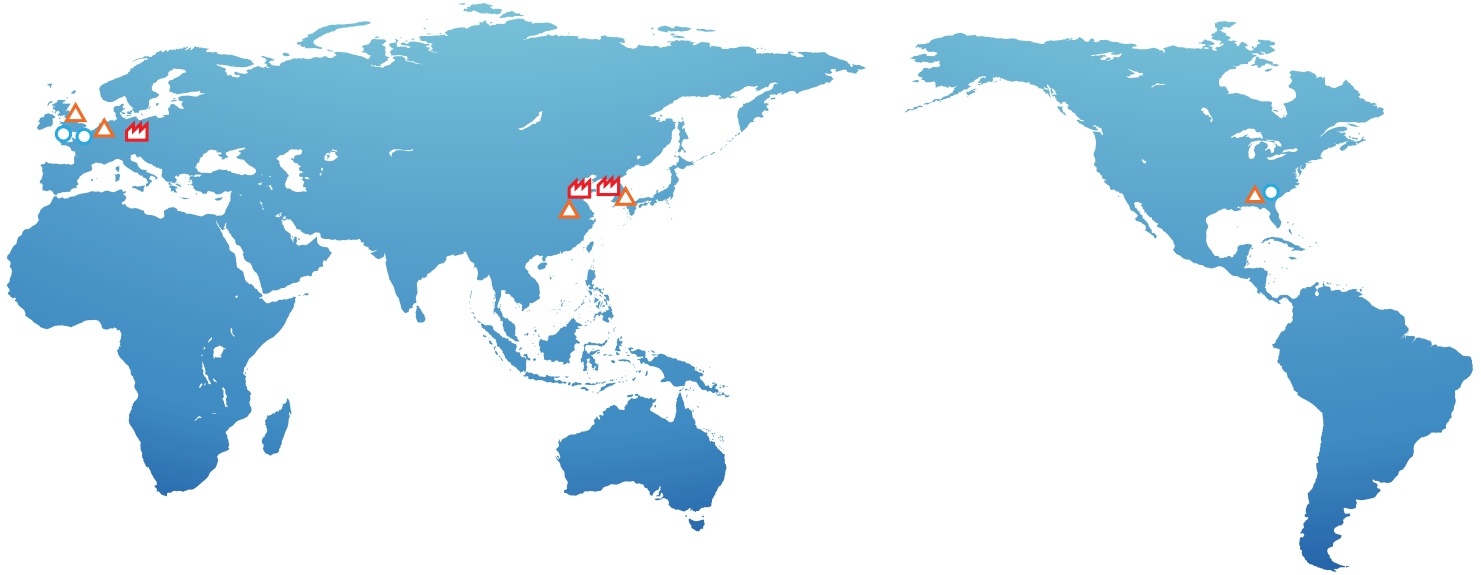





**Our Promise**  
Doosan will be the partner you can count on, always putting our commitment to you first.



Doosan Heavy - Seawater desalination plants





-  Production Subsidiary
-  Sales Subsidiary
-  Parts Depot Center



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

2019 July

Authorized Dealer