DOOSAN

B80NSC/B80NS/B100NS

NS-SERIES FORKLIFTS

Electric 8.0 to 10.0 ton capacity



Introduction

Doosan has expanded our electric line-up with the first high-capacity electric forklift series.

The B80NS, the most powerful and stylish electric forklift in its class.

You get the most comfortable and safe working environment with zero emissions and a low noise level. In addition, the trucks are easy to drive or operate with good visibility.

Why a Doosan electric forklift is the right fit for your industry?

- Low noise level
- Environment friendly / zero emission
- Reduced total cost of ownership (TCO)

Save up to € 77,340*

* total saving on fuel and maintenance costs (over 4 years period) compared to fuel truck.
(This calculation is based on cost of Fuel: 2,000 h/y, 8ltr/h €1,82/ltr and Electricity: price per kw/h €0,29/18kw/8h)

Performance & General info



96V AC System

96V AC system combined with powerful single drive motor gives an unbeatable combination of power, performance and functionality.

Oiled cooled disc brakes

Oil cooled disc brakes have a 5 times longer service interval than conventional shoe brakes, and are virtually maintenance free.





360 º visibility

360 degrees visibility thanks to the large glass around the operator. The high visibility makes driving a forklift with a load safer and contributes to even better productivity and driving experience.

Good visibilty through roof

Keep a good view of your load thanks to the great visibility through the roof of the operator compartment





Compact dimensions

Our B80NS is more compact than the average diesel truck on the market with the same capacity, offering a smaller turning radius.

Step inside our spacious operator compartment

Optimal ergonomics





Low seat position (Full Cabin)

Easy to hop on and off thanks to the high head room the operator has a very spacious operator space at his disposal.



Adjustable column

Steering column adjustable in vertical and horizontal direction according to the drivers preference and comfort.



MP3 radio player OPTION

Radio with built-in mp3 player optionally available.



HVAC System OPTION

This system offers integrated heating/ cooling/ventilation control, allowing automatic heating/ cooling temperature control.



Spacious operator leg room

The thick and large rubber floor mat, rounded hood and spacious legroom offer great comfort to the operator.



Premium Grammer Seats

The full suspension (air suspension optional) comfort seat is fully adjustable to accommodate all indi-vidual preferences.



Fingertip Console OPTION

2-axis cross lever or ergonomic fingertips available. It ensures accurate control and low fatigue during a long shift.



Doosan offers remarkable ergonomic designs for maximum comfort during long shifts

Safety

a higher level of safety leads to better productivity



Extra Front LED lights

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



Strobe and blue safety lights

Increased safety for the workplace with maximum visibility.



LED road lights

Clear visibility and efficiency whilst working in areas with reduced lighting and prevent hazards/ accidents.



Electric parking brake

The parking brake can be operated with a switch or automatically activated.



OPTION

Rear view camera

Workplace safety is ensured by maximizing rear visibility.



Large entry step with anti-slip pattern

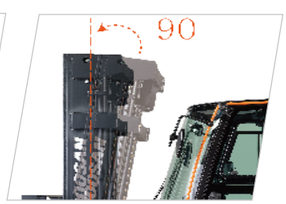
Low height of the 1st and 2nd steps to allow the operator to get on and off the truck easily and safety. Multiple entry grab bars are equipped to ensure a 3 points of entry.



OPTION

Weight scale

With the optional weight scale you won't have a chance to overload your forklift avoiding dangerous circumstances



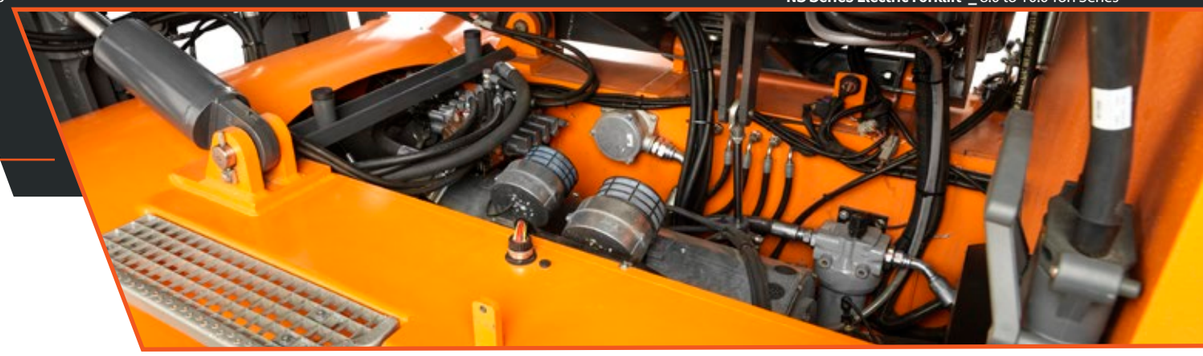
OPTION

Auto tilt

By pressing on the auto tilt button, the mast will automatically move to an upward position.

Service and reliability





Easy access to the main components

All main components below the cabin make it easy-to-access, enabling easy service.



Battery change system

Thanks to detachable backplate, the battery change for multiple shifts is easier.



Tiltable operator compartment OPTION

With the tiltable cabin, all main components below the cabin are easy-to-access which makes the service handier.



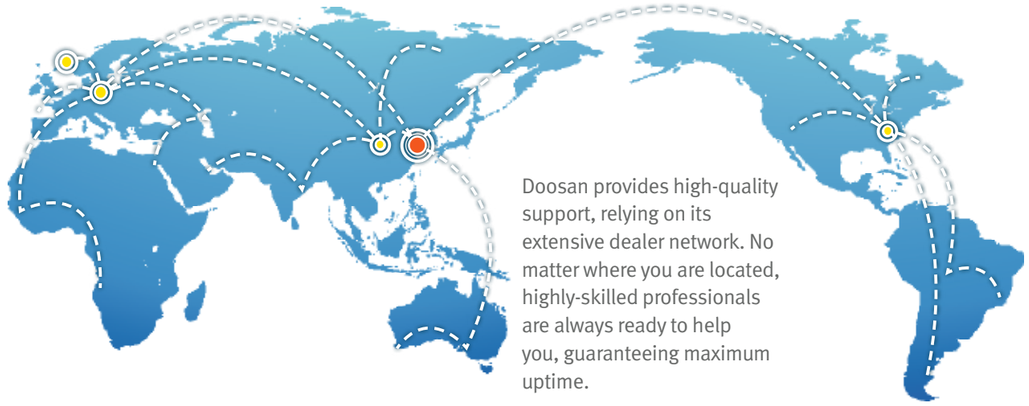
Easy access controller

The IP65 rated controller is very reliable, well proven in tough applications and easy-to-access.

Great Serviceability

Worldwide service network

- Head quarter
- Overseas offices and service centers



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.

Doosan genuine parts

The warehouse supplies high quality Doosan parts to your local dealer.





Reliable Partner

Main Specifications

MAJOR SPECIFICATION		B80NSC	B80NS	B100NS
Load capacity/rated load	kg	8000	8000	10,000
Load centre distance	mm	600	900	600
Load distance, centre of drive axle to fork	mm	695	695	695
Wheelbase	mm	2,835	2,835	2,835
Aisle width for pallets 1000 x 1200 crossways	mm	5,345	5,945	5,345
Overall width	b1/b2	1,760 - 1,930	1,930	1,930
Turning radius	mm	3,150	3,150	3,150
Travel speed, loaded / unloaded	km/h	14 / 15	13 / 15	13 / 14
Lift speed, loaded / unloaded	m/s	0.38 / 0.42	0.38 / 0.42	0.31 / 0.33
Lowering speed, loaded / unloaded	m/s	0.50 / 0.40	0.50 / 0.40	0.50 / 0.40
Noise level at operators ear	dB	70	70	70
Maximum gradeability, loaded / unloaded, 5 minute rating	%	11 / 19	11 / 19	9 / 17
Battery voltage/nominal capacity K5	V/Ah	96/1,085-1,550	96/1,085-1,550	96/1,085-1,550

Standard Features and Optional Extras

SAFETY & STABILITY	
OSS (Operator Sensing System)	■
Easy Entry Grab Bar	■
Large entry step with anti-slip pattern	■
Electronic Parking Brake	■
Front LED Lights	■
Cornering speed control	■
Emergency switch	■
Backup alarm	■
Rear view camera with flat color display	■
Seat Belt Interlock	□
Extra front LED lights	□
Blue Safety light Front and/or Rear	□
Panoramic and/or side mirrors	□
Amber strobe lights	□

OPERATOR COMFORT (ERGONOMICS)	
Easy-to-read instrument panel	■
Overhead guard	■
Adjustable steering column	■
Rear grab bar with horn	■
Grammer suspension seat	■
Steering wheel knob	■
USB port	■
Fingertip console	□
Mini finger axis	□
Modular cabin type B/C/D	□
Full cabin (tiltable)	□
Grammer air suspension seat	□
Heater	□
Heater & air conditioner (HVAC)	□
Audio (DAB type Radio, MP3)	□

■ Standard features
□ Optional extras

PRODUCTIVITY	
Excellent visibility through mast	■
Smooth and responsive acceleration	■
Weight scale	□
Double pedal with brake in the center	□
Auto tilt leveling	□

RELIABILITY	
Full AC system chassis	■
IP65 Rated controller	■
Robust frame structure & strong structure overhead guard	■
Oil-cooled disc brakes (ODB)	■
Under protection	□
Oil cooling exchange	□

SERVICEABILITY	
Tiltable overhead guard	□

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



- Production Subsidiary
- Sales Subsidiary
- Parts Depot Center

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