www.doosan-iv.eu

7-Series Forklifts

Electric 2.0 to 3.2 ton capacity - Cushion Tires

BC20S/BC25S/BC25SE/BC30S/BC32S-7

Lifting Your Dreams

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 philosopy 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 sucessfully 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.

LEADING THE WAY – WORLD CLASS 7 SERIES ELECTRIC TRUCK FROM DOOSAN

Our new 4 wheel cushion electric trucks continue to follow Doosan's tradition of delivering efficient, reliable products, while offering the best value for our customers.

BC25S-7 Family

- 4-Wheel, Cushion Tires
- 48 V
- BC20S/25S/30S/32S/25SE-7
- Reliable Curtis Controller (Drive / Pump)
- Enclosed Type Motor (Drive / Pump)
- Auto Parking Brake System

OUTSTANDING PRODUCTIVITY

Powerful & Reliable Technology

Armed with the latest technology from Curtis Instruments, the new Doosan 7-Series provide an unbeatable combination of power, performance and functionality. They are the operator's choice, being infinitely controllable and exceptionally reliable. The Curtis motor control system allows our trucks to be surprisingly versatile, maintaining high productivity in various work environments. The AC drive and hydraulic motors deliver smooth and seamless power with minimal energy consumption.

Safety and Convenience

The Electro-Magnetic Automatic Parking Brake (EPB) provides the operator maximum safety and convenience. Whenever the operator leaves the seat, the truck's parking brake automatically applies an unlimited ramp-hold function, ensuring the safety of the workplace. There is no danger of the machine rolling away, even if it is left unattended on a ramp or a slope.

Maximized Productivity in Warehouse Applications

Effective storage is the primary goal for many warehouse managers. Our 4-wheel models have brand new steer axles, which have been carefully designed to minimize the turning radius. It can now achieve an outstanding 86° steering angle, enabling the machines to manoeuver with ease even in the tightest spaces. In addition, the new rounded design of the counterweight enables the truck to move comfortably in and out of narrow spaces, reducing damage risks.

Outdoor Operations

The Doosan 7-Series electric forklifts are practically waterproof and are safe for outdoor use. The sealed controllers are rated IP65 and the motors are rated IP43, with all related wiring & connectors being silicon-sealed. This means they are fully protected from dust, debris and liquid, which allows them to be used outdoors.

VERSATILITY

The BC-7 Series provides smooth operation in various work applications. With the precision AC motor controller and the optimized design, Doosan's new machine is able to deliver efficient operation even in the tightest spaces.

The BC25S-7 Series offers the torque and speed necessary to run up ramps and meet the challenges of toughest applications.

Working in Different Applications

From tough, short shuttle applications to ramp usage, Doosan 7 series cushion electric trucks are built for varied applications. Adjustable performance parameters allow for customization to the specific needs of the applications or the operator's preference.
The optional premium performance packages allow even higher levels of productivity.

Application Packages

MAXIMUM SAFETY

All Doosan equipment is designed to promote a safe and stable operation. The Guardian Stability System (GSS) dynamically protects the operator and the load to reduce the risk of accidents. The 7-series meets all of the current, as well as the emerging demands for operator safety and machine stability in every application.

Cornering Speed Control

The angle sensors control the travel speed at sharp turns. It automatically reduces the travel speed to prevent tip overs during turns.

Battery Discharge Indicator

Lifting will be disabled when the battery is discharged to 20% during operation. This function is to protect the battery from damage and prevent sudden loss of power due to a dead battery.

Operator Sensing System

Whenever the operator leaves the seat, traveling and lifting will be restricted.

Mast Lowering Inter-Lock (ISO3691)

If the operator keys off or gets off the seat, the hydraulic lift & tilt locking system will limit the motion of the truck.

Mast Tilt Lock

Hydraulic locks prevent hydraulic drift when lowering and tilting.

Auto Tilt Leveling (Optional)

Returns the mast to vertical position easily by tilt angle sensing.

Turtle Mode

Pressing the Turtle Mode button will reduce travel speed to a previously set parameter without affecting the lift speed.

EPB ELECTRIC PARKING BRAKE
ODB HYDRAULIC DISC BRAKE
GSS Guardian Stability System

Guardian Stability System: Additional options

- Decreased Travel Speed (50%) when mast is raised above primary stage
- Forward tilt reduced 2 degrees when mast is raised above primary stage
- Alarm when mast is raised above primary stage with mast tilted more than 2 degrees

Brake Oil Level Indicator

When the level in the brake oil reservoir is lower than minimum level, the low brake oil level indicator in the instrumental panel will flash to instruct the operator to add brake oil.

Thermal Protection

The system will shut down the machine if the temperature of the Controller / Motor exceeds a certain threshold.

Seat Belt Indicator

When the key is switched on, a warning light in the instrumental panel will flash if the seat belt is not fastened.

Unlimited Ramp Hold

The Electro-Magnetic Automatic Parking Brake (EPB) prevents the forklift from rolling back if the truck is stopped on a slope. Operators can get off the truck easily without braking.

SUPERB ERGONOMICS

Operators perform best when their working conditions are ideal, and the Doosan 7-Series has been designed to make this a reality. From the steering wheel to the full suspension seats, everything about these trucks have the operators' in mind.

Rear Grab Bar
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.

Convenience Tray
Specifically designed for operator comfort, the Convenience Tray was conceived by adopting combinations of new and old favorites to give the best operator experience. Some of the features include: a large cup holder, a USB port, 12V power outlet, and a clipboard holder.

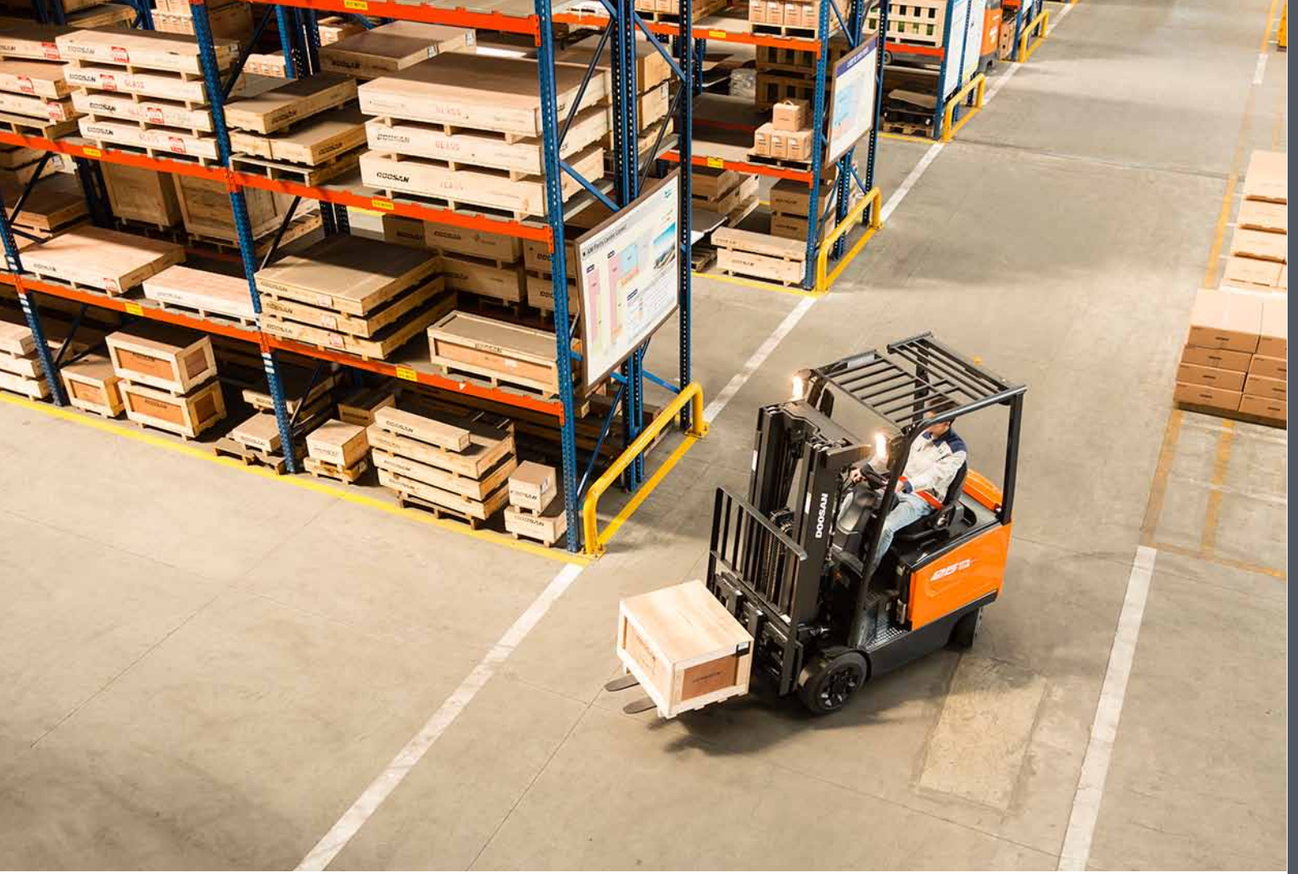
Steering Wheel
The steering wheel has a compact design that reduces operator fatigue.

Easy and Instinctive Instrument Panel
Operators can control the truck's performance settings during operation, simply by navigating the instrument panel.

Fully Customizable Work Area
The steering column, as well as the full suspension comfort seat, armrest and optional headrest, are all adjustable to accommodate individual preferences for each forklift operator .

Finger Tip Controls (Optional)
Fast, precise, and instinctive Fingertip controllers make operating the new Doosan 7 Series effortless and efficient.

Hydraulic Levers
Simple, reliable, and familiar. The direction switch is located on the hydraulic lift lever, enabling a quick change from forward to reverse motion safely.

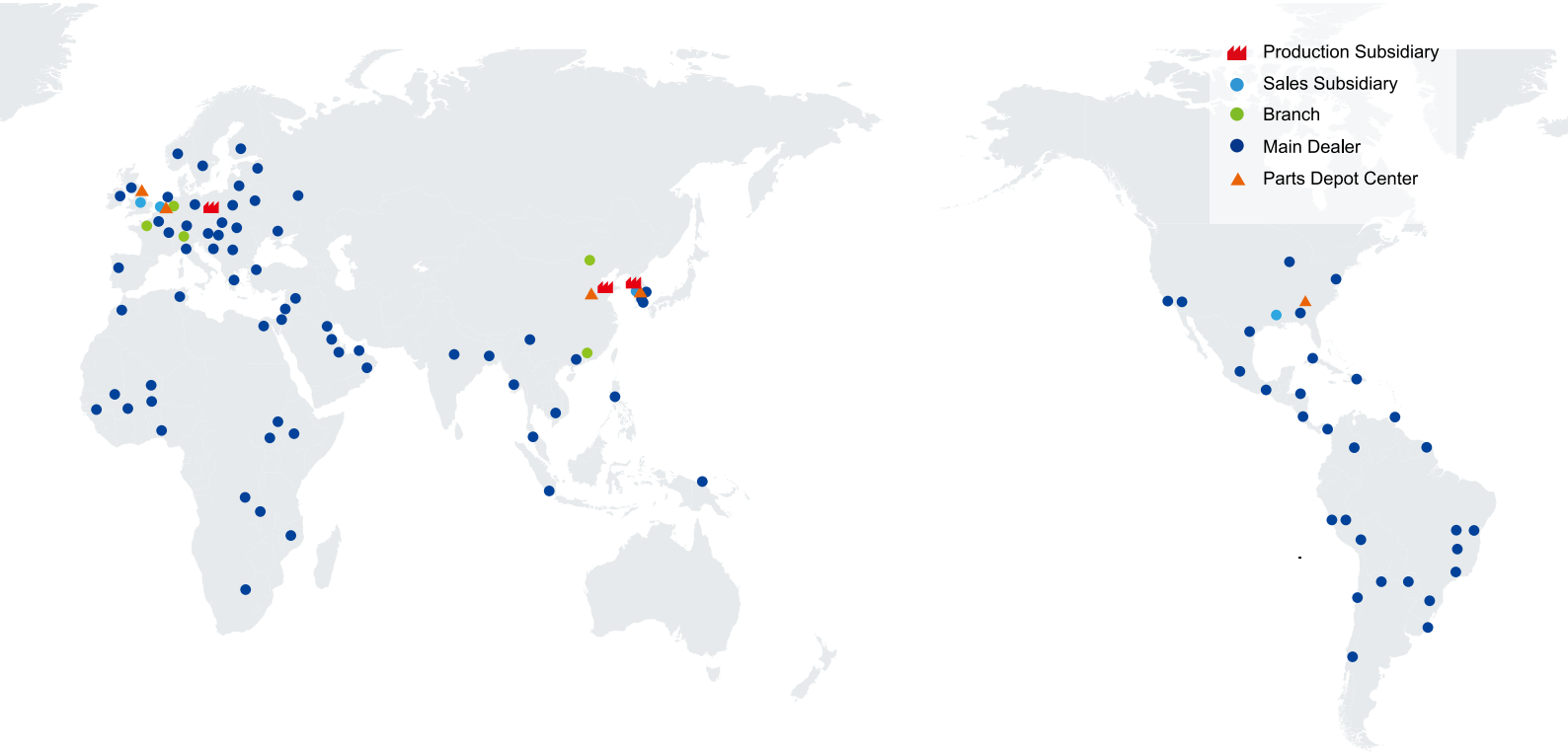


COMPLEMENTARY PRODUCTS

Doosan manufactures a wide range of quality products utilizing the latest technology and safety features. Doosan's forklifts and warehouse equipment provide excellent mobility and increased return on your investment. Together, Doosan's forklift products (Electric, LPG, and Diesel powered) will bring efficiency to your operation, increasing your overall productivity.

Standard Features and Optional Extras

PRODUCTIVITY	STANDARD	OPTION
Full AC & CAN Bus System Chassis	O	
Reliable Curtis Controller	O	
Rounded Counterweight Design (Reduced Turning Radius)	O	
Power Select Indicator	O	
Electro-Magnetic Automatic Parking Brake (EPB)	O	
Hydraulic Cushioning in Lift Cylinder	O	
UL Classification Type 'E'	O	
Tow Pin	O	
Clear-View FFT Mast		O
Battery Side Roll in/out		O
Cold Storage		O
Drive in Rack / Overhead Guard		O
UL Classification Type 'EE'		O
Auto Tilt Leveling		O
Application Package (Cold, Freezer, Fishery)		O
Hydraulic Mast Accumulator		O
Non-Marking Tires		O
SAFETY	**STANDARD**	**OPTION**
Must be in neutral to Start	O	
Emergency Stop Switch	O	
Orange ELR Seat Belt	O	
Static Strap	O	
Guardian Stability System (GSS) - Cornering Speed Control - Battery Discharge Indicator - Operator Sensing System (OSS) - Mast Lowering Inter-Lock (ISO3691) - Mast Tilt Lock - Turtle Mode - Thermal Protection - Seat Belt Indicator - Unlimited Ramp Hold	O	
Additional functions for Guardian Stability System (GSS) - Decreased travel speed (50%) when the mast is raised above the primary stage - Forward tilt reduced to 2 degrees when the mast is raised above the primary stage - Alarm will sound when mast is raised above the primary stage with it tilted more than 2 degrees		O
Blue Spot Safety LED Light		O
Flashing Stobe Light		O
Fire Extinguisher		O
Back-up Alarm		O
ERGONOMICS	**STANDARD**	**OPTION**
Entry Grip Bar & Anti-Slip Entry Step	O	
Cushioned Rubber Mat	O	
Rounded Battery Cover Design	O	
Easy to Read Display	O	
Adjustable Steering Column	O	
Easy Grip Small Steering Wheel	O	
Hydraulic Control Lever with Direction Switch	O	
Large Cup Holder	O	
Clip Board	O	
Power Outlet (12V Cigar, 5V USB)	O	
New Fingertip Control		O
LED Lights		O
Steering Wheel with Knob		O
Premium Suspension Seat : Grammer		O
Panoramic Mirror		O
Rear Grab Bar with Horn		O
Mono Pedal		O
Special Height Overhead Guards		O
Modular Cabin		O
DURABILITY & SEVICEABILITY	**STANDARD**	**OPTION**
Robust Frame & Overhead Guard	O	
Easy to Access Controller & Motor Room	O	
Wide Open Battery Hood	O	
Toolless Floor Plate & Side Cover	O	
Oil-Cooled Disc Brakes (ODB)	O	
Durable Heat-Resisting Cables	O	
Easy Diagnostics	O	



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