



www.doosan-iv.com

7 Series Forklifts

Cushion Electric 2.0 to 3.2 ton Series

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 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.

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 simple, powerful performance, while offering the best value for our customers.



BC25S-7 Family

- 4-Wheel, Cushion Tire
- 36 / 48 Voltage
- 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

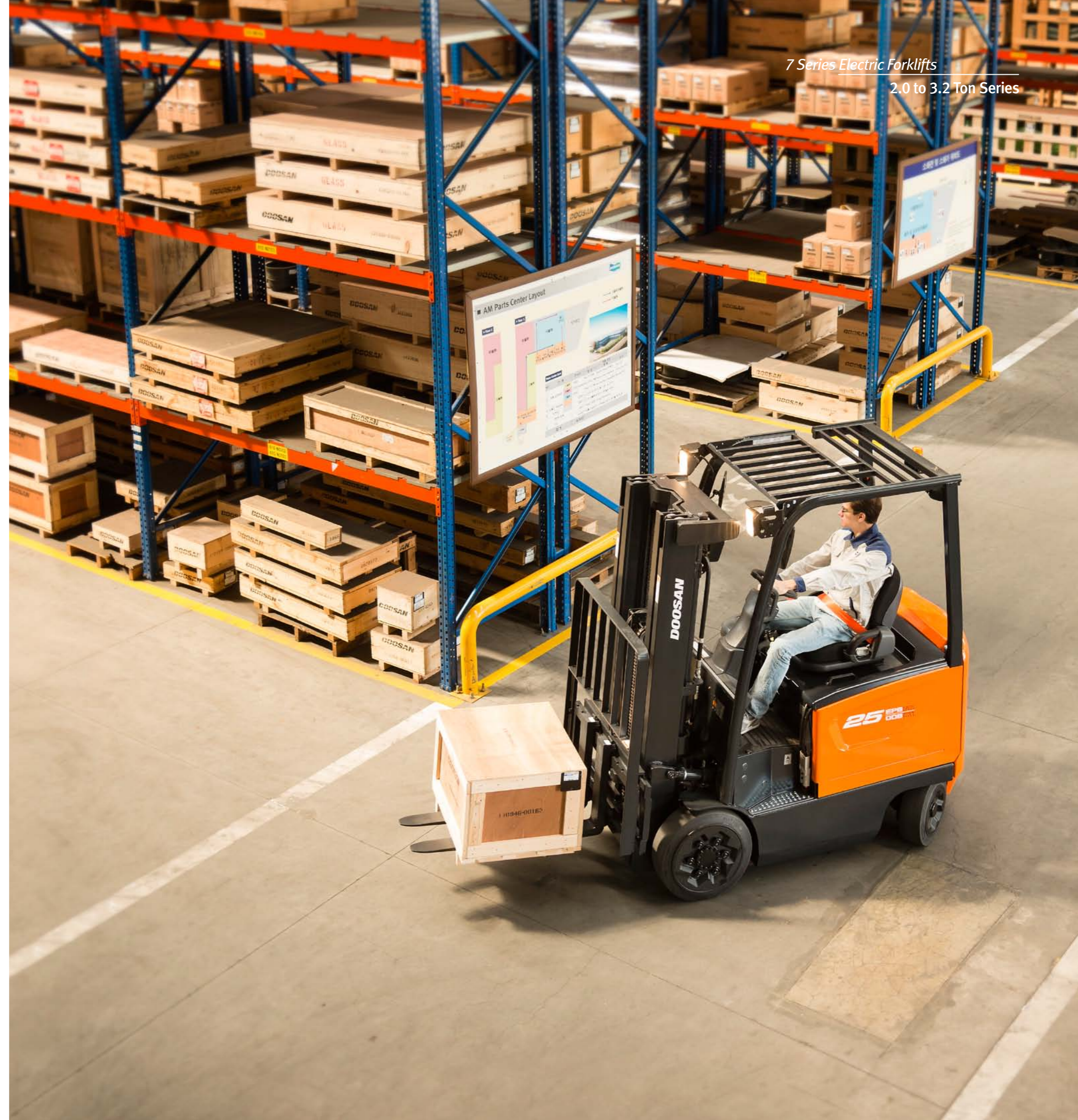
The Electro-magnetic Auto Parking Brake provide the operator maximum safety and convenience. Whenever the operator leaves the seat, the truck's parking brake is automatically applies an unlimited ramp-hold function, ensuring the safety of the workplace. There is no danger of the machine rolling away, 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. The 4 wheel models have brand new steer axles, which have been carefully designed to minimize the turning radius and can now achieve an outstanding 86° steer angle. In addition, the new rounded design of the counter-weight enables the truck to move comfortably in and out of narrow spaces, reducing damage costs.

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 provide 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 in the tightest of spaces.



◀ Doosan 7 series offers the torque and speed necessary to run up ramps and meet the challenges of the toughest applications.



◀ Working in tight space

Working in Different Applications

Designed to enhance productivity in tight spaces for a range of challenging 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 package allow even higher levels of productivity.



Application package

MAXIMUM SAFETY

All Doosan equipment are designed to promote a safe and stable operation. Adding the Guardian Stability System (GSS) will dynamically protect 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 sensing information controls the travel speed at sharp turning. It automatically reduce the travel speed.

Low Battery Alarm

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.

Mast Safety Function (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 Travel Mode

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

Thermal Protect

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

Stable Counterweight

The counterweight was upgraded and stability is improved by 4% from previous models.

Operator Sensing System

Whenever the operator leaves the seat, the truck travel and lifting will restrict.



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 Auto 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.

Guardian Stability System (Optional)

- 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

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 Grap Bar

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.



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.



Small Steering Wheel

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



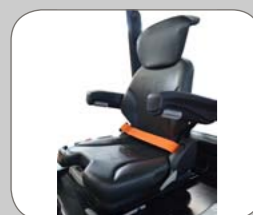
Easy and Instinctive Instrument Panel

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)

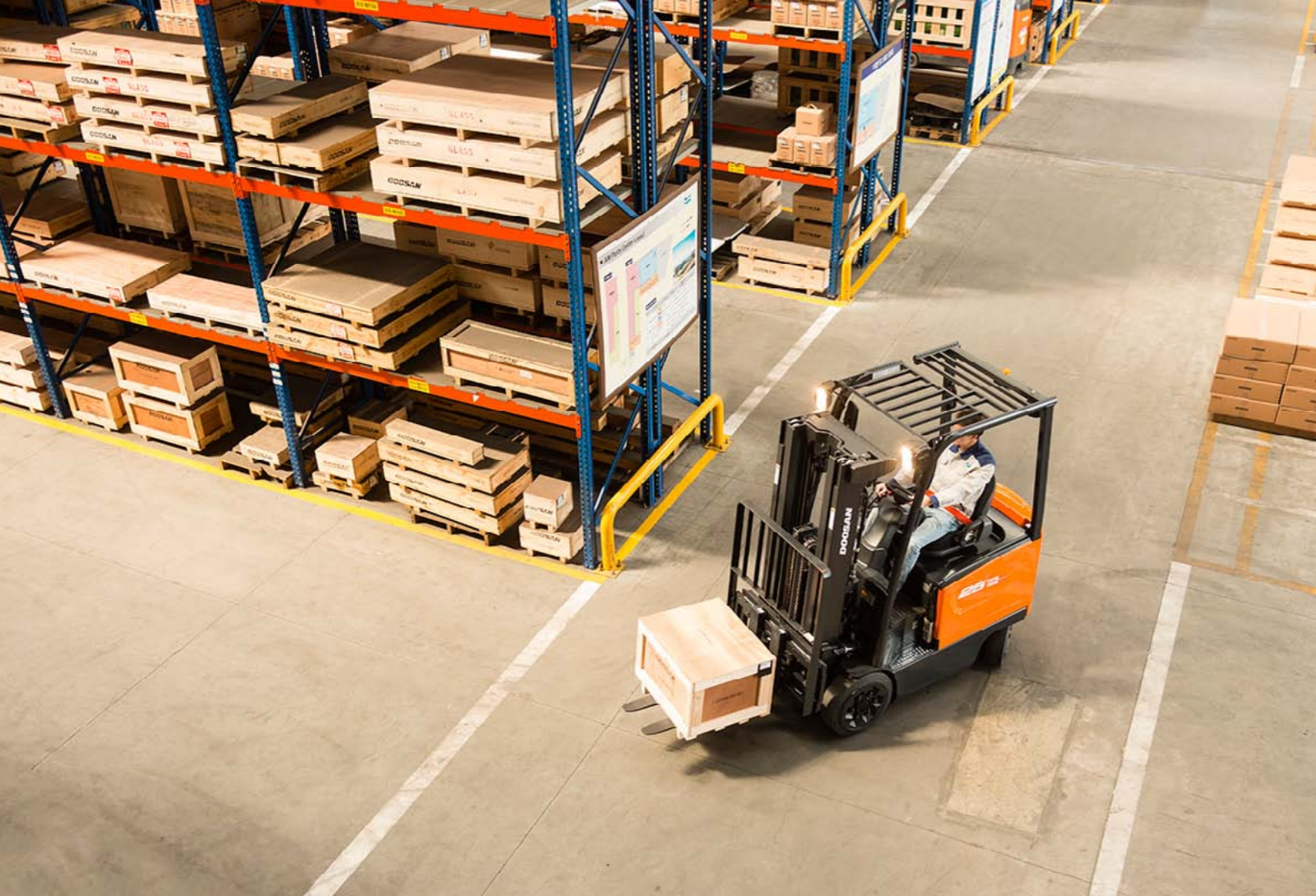
Fast, precise and instinctive Finger-tip controllers make operating the new Doosan 7 Series effortless and efficient.



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. There is no need to take your hands off the steering wheel or the hydraulic levers.





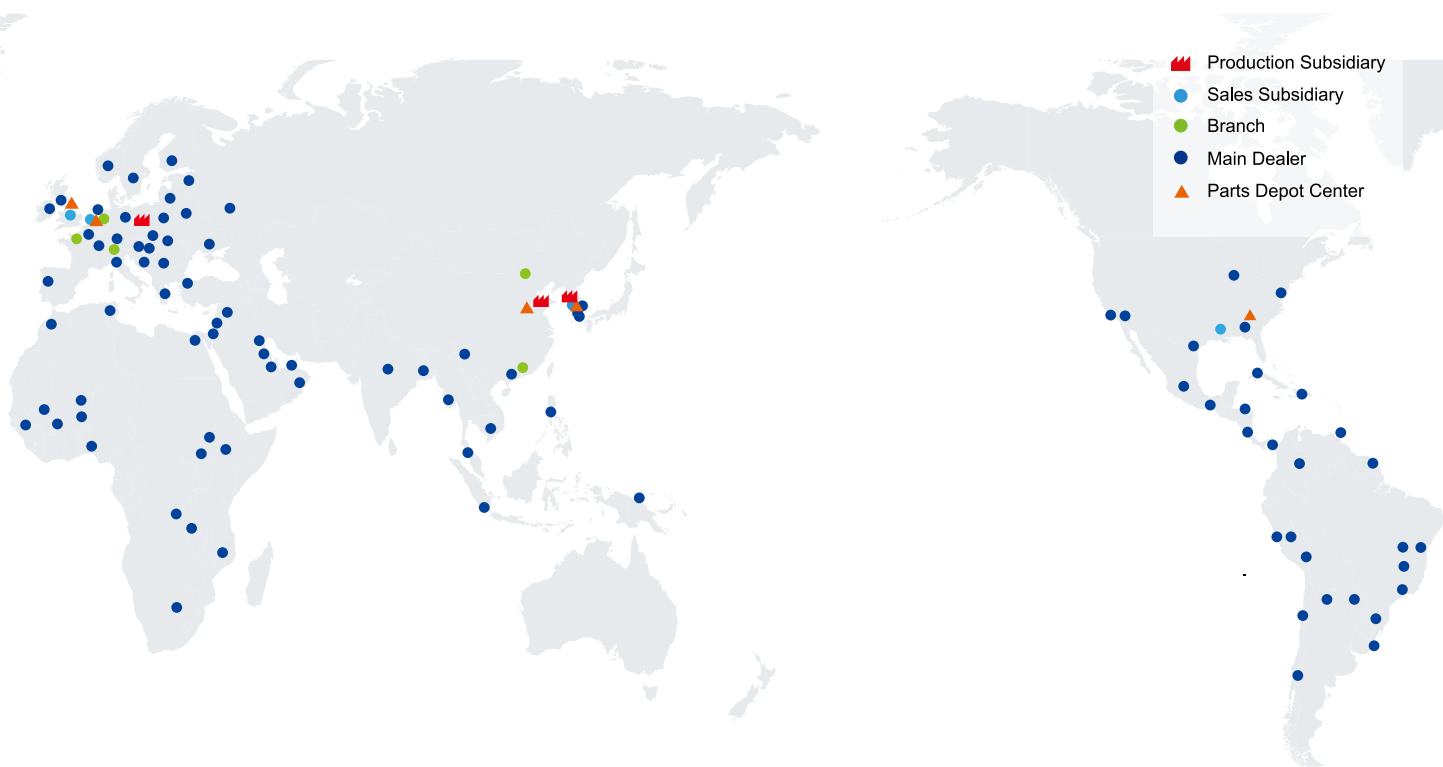
COMPLEMENTARY PRODUCTS

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.

Application Chart						
Transporting						
	Hand Pallet Truck	Walkie Pallet Truck	Rider Pallet Truck	Fugger	Center Control Rider	Electric Counterbalanced Truck
Storage / Stacking						
		Walkie Stacker	Platform Stacker	Walkie Reach Stacker	Reach Truck	
Warehouse Vehicle						
			Stock Chaser	Tow Tractor	Personnel Carrier	Burden Carrier

Standard Features and Optional Extras

	STANDARD	OPTION
PRODUCTIVITY		
Full AC & CAN Bus System Chassis	0	
Reliable Curtis Controller	0	
Rounde Design CTWT (Less Turning Radius)	0	
Power Select Indicator	0	
Eletro Magnetic Auto Parking Brake	0	
Hydraulic Cushioned in Lift Cylinder	0	
UL Classification Type 'E'	0	
Tow Pin	0	
Clear-View FFT Mast		0
Battery Side Roll in-out Extraction		0
Cold Storage		0
Drive in Rack		0
UL Classification Type 'EE'		0
LED Light		0
Auto Tilt Leveling		0
Application Package (Cold, Freezer, Fishery)		0
Hydraulic Mast Accumulator		0
Non-Marking Tire		0
SAFETY		
OSS (Operator Sensing System)	0	
Neutral Position for Start	0	
(ISO3691) Mast lowering inter-lock	0	
Unlimited Ramp Hold	0	
Emergency Stop Switch	0	
Low Battery Warning Alarm	0	
Orange ELR Seat Belt	0	
Brake Oil & Seat Belt Warning Indicator	0	
Turtle Travel Mode	0	
Cornering Speed Control	0	
Thermal Control System Protect	0	
Static Strap	0	
Guardian Stability System (GSS)	0	
- Decreased travel speed(50%) when the mast is raised above the primary stage		
- Forward tilt reduced to 2 degrees when the mast is raises above the primary stage		
- Alarm when the mast is raised above the primary stage with the mast tilted more than 2 degrees		
Blue Spot Safety LED Light		0
Flashing light		0
Fire Extinguisher		0
Back-up Altram		0
ERGONOMICS		
Entry Grip Bar & Ant-Slip Entry Step	0	
Cushioned Rubber Mat	0	
Rounded Design Battery Hood	0	
Easy to Read Display	0	
Adjustble Steering Column	0	
Easy Grip Small Steering Wheel	0	
Hydraulic Control Lever with Direction Switch	0	
Lager Cup Holder	0	
Clip Board	0	
Power Outlet (12V Cigar, 5V USB)	0	
New Finger-Tip Control		0
Power Grip Knob		0
Premium Suspension Seat : Grammer		0
Panoramic Mirror		0
Rear Grap Bar with Horn		0
Mono Pedal Control		0
Special Height Overhead Guards		0
Modular Cabin		0
DURABILITY & SEVICEABILITY		
Robust Frame & Overhead Guard Structure	0	
Easy to Access Controller & Motor Room	0	
Wide Open Battery Hood	0	
Toolless Floor Plate & Side Cover	0	
Oil-Cooled Disc Brake (ODB)	0	
Durable Hear-Resisting Cables	0	
Easy Diagnostic	0	



Doosan Corporation Industrial Vehicle
Web site : www.doosan-iv.com

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AUTHORIZED DEALER