



7 Series Cushion Electric Forklifts

4,000 lb to 6,500 lb Capacity

BC20S/BC25S/BC25SE/BC30S/BC32S-7



Lifting Your Dreams

Doosan

A Name To Be Proud Of

The foundation on which Doosan has built its century of success is the trust in its people.

Doosan's management philosophy has always been "people first".

"Business is not only meant to make profit, but to help people grow."

–Too-Pyung Park, First Chairman

We believe this value drives our future growth and it continues to spur corporate development with global competitiveness.

Doosan – the oldest, but the fastest growing company

Doosan holds the record for having the longest business history in Korea since its inauguration in 1896. We are also the fastest growing company, with steady growth rates over the years and reaching our fastest pace in the past 10 years.

Doosan – the global Infrastructure Support Business (ISB)

Doosan has achieved an excess of 90% of its sales within the ISB sector through vigorous reorganization of its business portfolio since 1998. Prior to the transformation in the late 90s, 70% of our business was concentrated on consumer goods, but we have successfully transformed our business DNA into an ISB, that constructs and reinforces social infrastructure.

Doosan – surging as a global company

Doosan has become a global leader in the ISB by providing communities across five continents with the fundamental solutions, tools and structures they need to advance their societies.

With over 43,000 employees in 38 different countries, and 50% of its human resources being locally employed, Doosan is truly a global company.



Doosan Industrial Vehicle

Lifting Your Dreams

Since we first started out as Chosun Machinery in 1937, 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. We operate large-scale plants and sales subsidiaries in Korea and around the world, as well as maintain a massive operational network that spans over continents.

Committed To Innovation

We remain committed to the advancement of new technologies and the development of talented individuals, which drives us to respond effectively to the rapid changes taking place in the 21st century. Our mission is to strengthen our position in the international market and become a global leader in the industry.

Our Promise

Doosan Industrial Vehicle will be the partner you can count on, with our commitment to you a top priority.

Award-Winning Machines

Doosan currently holds a number of awards in the categories of export, design & safety, including five Design Excellence awards from the Forklift Truck Association.

LEADING THE WAY – WORLD CLASS 7 SERIES ELECTRIC TRUCKS 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
- 36 / 48 Voltage
- BC20S/25S/25SE/30S/32S-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 provides 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

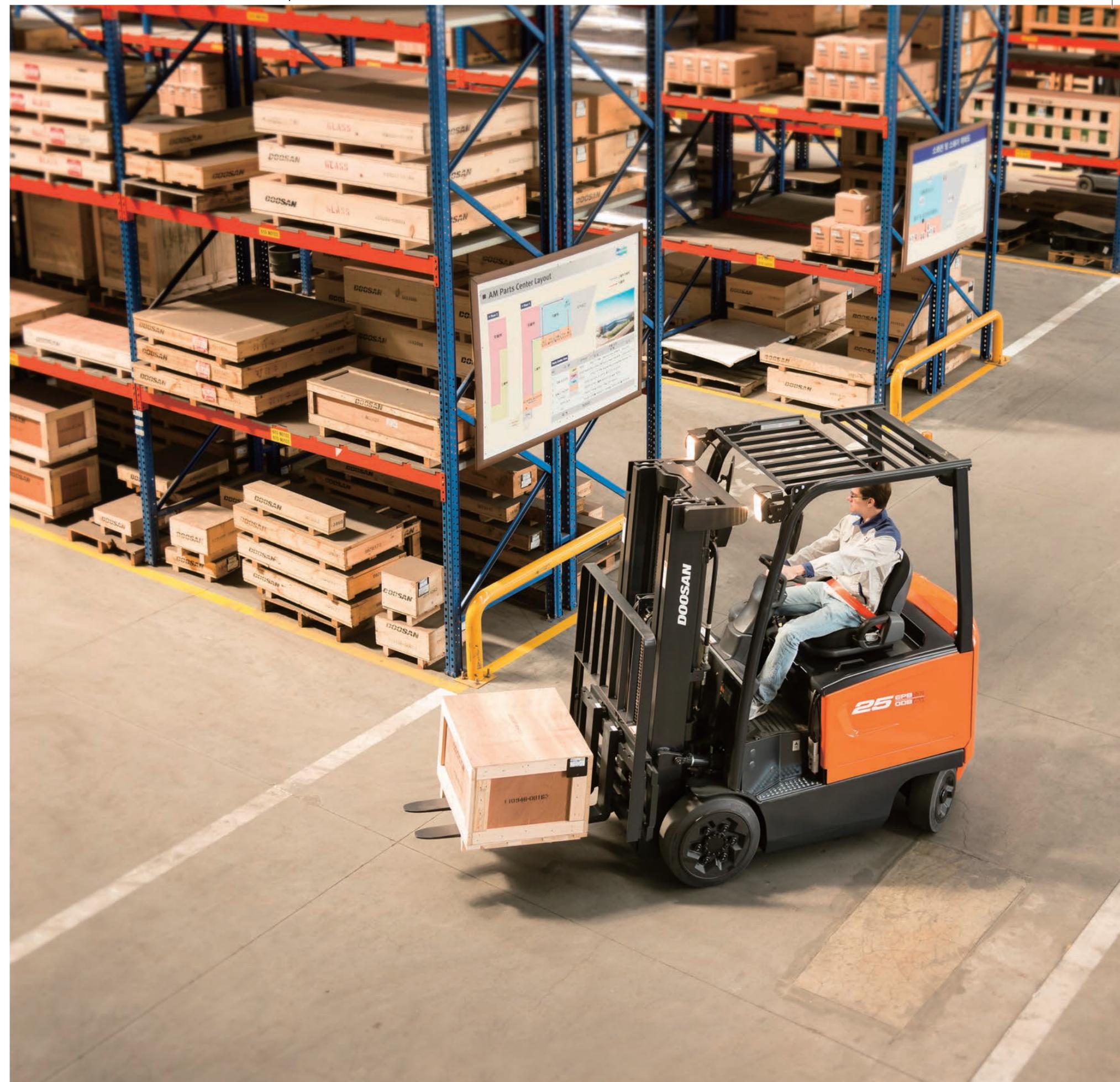
The Electro-magnetic Auto Parking Brake provides the operator maximum safety and convenience. Whenever the operator leaves the seat, the truck's parking brake automatically applies an unlimited ramp-hold function, ensuring the safety of the workplace. There is no danger of the machine rolling away, even 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° steer angle, enabling the machines to maneuver with ease even in the tightest spaces. 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 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 the 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 package allows even higher levels of productivity.

Application Package



MAXIMUM SAFETY

Every Doosan equipment is 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 sensors control the travel speed at sharp turns. They automatically reduce 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.

Thermal Protection

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.



Seatbelt Indicator

The seatbelt warning light in the instrument panel will flash reminding the operator to fasten seatbelt.

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

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.

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 seat, everything about these Doosan trucks has the operators in mind.



Rear Grab 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.



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)

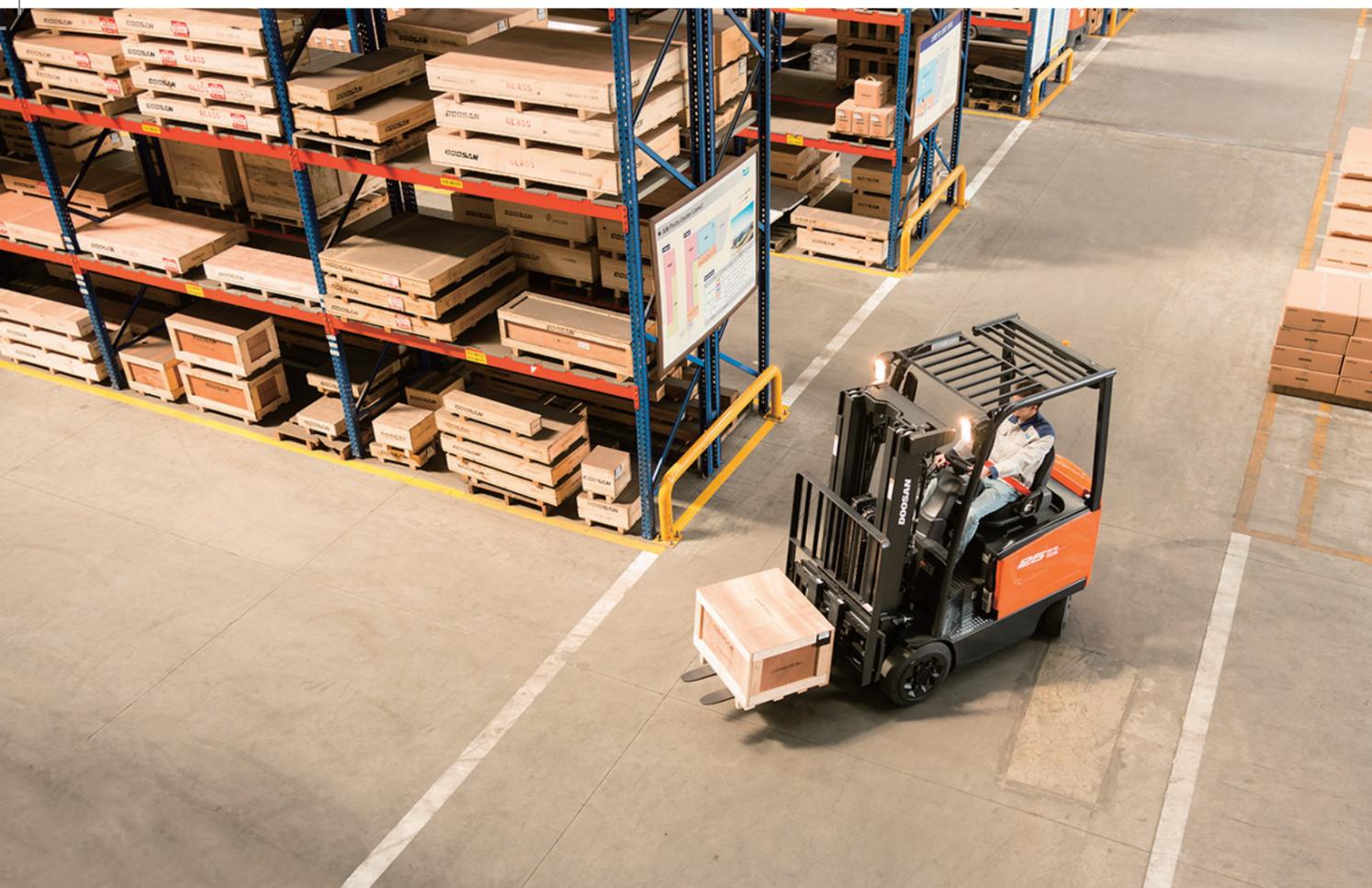
Fast, precise, and instinctive Finger-tip controllers make operating the new Doosan 7 Series effortless and efficient.



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.





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	Tugger	Center Control Rider	
Storage / Stacking					
		Walkie Stacker	Walkie Reach Stacker	Reach Truck	
Warehouse Vehicles					
			Stock Chaser	Personnel Carrier	Burden Carrier

	STANDARD	OPTION
PRODUCTIVITY		
Full AC & CAN Bus System Chassis	0	
Reliable Curtis Controller	0	
Rounded Counterweight Design (Reduced Turning Radius)	0	
Power Select Indicator	0	
Eletro Magnetic Auto Parking Brake	0	
Hydraulic Cushioning in Lift Cylinder	0	
UL Classification Type 'E'	0	
Tow Pin	0	
Clear-View FFT Mast		0
Battery Rollers		0
Cold Storage		0
Drive in Rack / Overhead Guard		0
UL Classification Type 'EE'		0
LED Light		0
Auto Tilt Leveling		0
Application Package (Cold, Freezer, Fishery)		0
Hydraulic Accumulator		0
Non-Marking Tire		0
SAFETY		
OSS (Operator Sensing System)	0	
Must be in neutral to Start	0	
Mast lowering inter-lock (ISO3691)	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 Mode	0	
Cornering Speed Control	0	
Thermal Protection	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 raised above the primary stage		
- Alarm will sound when mast is raised above the primary stage with it tilted more than 2 degrees		
Blue Spot Safety LED Light		0
Flashing Safety Light		0
Fire Extinguisher		0
Back-up Alram		0
ERGONOMICS		
Entry Grip Bar & Ant-Slip Entry Step	0	
Cushioned Rubber Mat	0	
Rounded Battery Cover Design	0	
Easy to Read Display	0	
Adjustble Steering Column	0	
Easy Grip Small Steering Wheel	0	
Hydraulic Control Lever with Direction Switch	0	
Large 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 Grab Bar with Horn		0
Mono Pedal Control		0
Special Height Overhead Guards		0
Modular Cabin		0
DURABILITY & SEVICEABILITY		
Robust Frame & Overhead Guard	0	
Easy to Access Controller & Motor Compartment	0	
Easy Access Battery Cover	0	
Tool-less Floor Plate & Side Cover	0	
Oil-Cooled Disc Brakes (ODD)	0	
Durable Heat-Resisting Cables	0	
Easy Diagnostics	0	



PSCBCS7V1



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AUTHORIZED DEALER

Product and specifications are subject to change without notice.