

BR18/BR20SP-7 PLUS



DOOSAN 7 SERIES PLUS
Electric Pantograph Reach Truck
3,500 lb. to 4,000 lb. Capacity



Leading the Way in Safety & Value

The Doosan BRSP Electric Pantograph Reach Truck helps you maximize your warehouse space. This Narrow Aisle specialist can help maximize your storage space

Powerful

Doosan's BRSP *PLUS* Series of Electric Pantograph Reach Trucks are rugged, powerful and deliver superior narrow aisle performance.

Features Include

- Quiet, Powerful AC Motors
- Height Indicator with Multiple Height Pre-sets
- Multifunction Joystick Control w/ Ergonomic Buttons
- Robust Frame w/ Bolt-On Load Wheel Boxes
- Heavy-Duty Wheel Bearings (Casters & Load Wheels)
- Advanced Digital Display
- Responsive, Rugged Foot Pedal Switches
- Smooth Transition Mast Raising/Lowering
- Precise Lifting Control
- Bright LED Lighting
- Powerful Operator Fan
- Doosan Guardian Stability System (GSS)
- Doosan Operator Sensing System (OSS)
- Blue Safety Lights

The 7 Series *PLUS* Pantograph Reach Trucks deliver powerful performance and durability, ensuring maximum productivity and uptime.

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Advanced Technology

- Fully adjustable, easy to diagnose Curtis AC Controls provide an unbeatable combination of power, performance and functionality.
- The AC drive, steer and pump motors deliver smooth movement and lower energy consumption, resulting in fewer maintenance intervals when compared to DC motors.

Added Safety

- **Auto Centering Drive Tire**

At start up, the drive tire will automatically center in the forward direction to prevent accidental movement in the wrong direction and potential damage or injury.

- **Cushioned Mast Reach Cylinders**

The Doosan manufactured mast and pantograph feature built-in hydraulic load cushioning to make load handling steady and safe.

- **GSS (Guardian Stability System)**

- Decreased travel speed (up to 50%) when the mast is raised above the primary stage.
- Alarm sounds when the mast is raised above the primary stage.
- Automatic turn deceleration provides an extra margin of safety by slowing travel while turning.
- Auto-tilt function automatically takes carriage back to zero point for added safety.



Streamline Your Warehouse With a New

Doosan Reach Truck

PLUS

Doosans new 7 Series *PLUS* Reach Truck combines outstanding performance, durability and convenience with the highest level of safety features, making your warehouse logistics more productive and efficient



● **3rd Post**

- Provides Greater Operator Protection
- Accessory Bar

● **Steer Wheel**

- Comfortable Soft Grip Knob
- Power Steering
- Ergonomic Positioning

● **Electronic Display**

- Adjustable Performance Modes & Diagnostics

● **Ergonomic Control Handle**

- Lift/Lower
- Side Shift Left/Right
- Tilt Forward/Backward
- Reach In/Out
- Horn Button

Excellent Operator Comfort

The operator compartment is filled with a variety of ergonomically designed features, allowing the operator to work comfortably and efficiently.

- **Emergency Stop Switch**

- Easy, Quick Access

- **Auxiliary Power Outlet**

- USB Type (5V)
- Aux. Power Outlet (12V)

- **Switch Panel**

- Headlight
- Rear Facing Work Light
- Operator Cooling Fan

- **Adjustable Arm Rest**

- 5 Height Adjustments
- Thick, Comfortable Padding

- **Padded Operator Compartment**

- Knee Pad
- Back Rest
- Thigh Pad

- **Floor Mat**

- Reduces Ground Vibration
- Improves Operator Comfort
- Thickly Padded

- **Low Entry Step**

- Makes Entering/Exiting Easier
- Less Operator Fatigue Over Time

- **High Output Operator Fan**

- Multi-Directional Flow

Excellent Operator Comfort

The operator compartment is filled with a variety of ergonomically designed features, allowing the operator to work efficiently with less fatigue

- The side-stance orientation allows full visibility to the rear when traveling in reverse. The wide rear opening and the low step height make entering and exiting quick and effortless
- The mast supports are angled for improved operator visibility
- Smooth electronic power steering is precise and positioned for comfort and control
- The auxiliary power outlets, work lights, dome light and optional fan package promote greater productivity. Other options include a pre-height selector for faster throughput and less damage
- Built-in storage areas for a clipboard, beverage and smaller items, all within easy reach
- Doosan's instinctive multi-function control handle is ergonomically positioned to provide easy access to all controls. The ability to operate multiple functions simultaneously increases productivity
- The digital display offers an array of important information, such as hours used, travel speed, selectable performance modes, diagnostics, steer wheel angle and battery state of charge
- The padded operator's compartment includes a knee pad, back pad and a thigh pad for comfort. The adjustable armrest accommodates operators of various sizes and allows the operator to vary driving positions for more comfort



Serviceability Simplified

The swing out service door and removable dash panel provides quick access to all major components for quick servicing and reduced down time

Lower Maintenance Costs

- AC motors require virtually no maintenance and the Curtis On-board Diagnostics (OBD) make troubleshooting quick & easy.
- The spring tension on the stabilizing caster can be easily adjusted for a smooth and stable ride.
- The rear door allows easy access to main components. It enables easier and quicker maintenance.



- Junction Box
 - Fuse Box
 - Relay
 - Back up buzzer

- Bolt-On Load Wheel Boxes
 - Easily and quickly serviceable
 - (Toe guard optional)



Bolt-On Load Wheel Boxes



Toe Guard (Optional)



Durability Assured

Doosan sources only the finest components in order to make this pantograph as rugged as it is functional

- **On-board Thermal Protection**

Controller & Motor Cutback System offers excellent protection to the drive and lift motors for added reliability and durability in demanding applications.



- **Water-tight Silicon Seals for Durability**

Electrical connections are sealed with silicon to prevent water from penetrating and causing short circuits.



- **Low Maintenance, Heavy Duty Transaxle**

Manufactured to strict tolerances which help reduce heat buildup and extend service life.



- **Stellana Drive Tire and Load Wheels**

- Superior wear resistance compared to standard poly tires and wheels
- Easier and more cost efficient to replace





Doosan's North American Dealer Network

Doosan provides the best material handling solutions for your specific needs. From energy efficient electrics to robust internal combustion forklifts, *Doosan is your full-line provider.*



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