

BR18/BR20SP-7+



DOOSAN 7 SERIES

Electric Pantograph Reach Truck

3,500 lb. to 4,000 lb. Capacity



Powerful

Doosan's BRSP+ Series of Electric Pantograph Reach Trucks are rugged, powerful and deliver superior performance.

Features Include

- Quiet, Powerful AC Motors
- Multifunction Joystick Control with Ergonomic Buttons
- Heavy-Duty 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
- LED Lighting
- Heavy Duty Operator Fan
- Doosan Guardian Stability System (GSS)
- Doosan Operator Sensing System (OSS)
- Blue Safety Light



The Doosan BRSP+ Electric Pantograph Reach Truck increases storage utilization by reducing aisle width compared to a sit down forklift. This allows more storage for product in the same amount of warehouse floorspace.

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.

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 for automatically takes carriage back to zero point for added safety.





● **3rd Post**
Improves Operator
Protection

● **Steer Wheel w/ Soft Grip Knob**
- 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
- Horn
- Reach In/Out

- **Emergency Stop Switch**

- Easy, Quick Access

- **Auxiliary Power Outlet**

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

- **Switch Panel**

- Headlight
- Rear Facing Work Light
- Fan

- **Adjustable Padded Arm Rest**

- 5 Height Adjustments

- **Padded Operator Compartment**

- Knee Pad
- Back Rest
- Thigh Pad

- **Thick, Padded Floor Mat**

- Reduces Ground Vibration
- Improves Operator Comfort

Operator Environment

Doosan knows the operator is a vital component of a productive warehouse operation.

- 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 standard auxiliary power outlets, work lights, dome light and 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 are within easy reach.
- Doosan's instinctive multi-function control handle is ergonomically positioned and provides 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.



Lower Maintenance Costs

- The swing out service door and removable cover panels provide convenient access to all major components speeding repair time and reducing downtime.
- 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.



Easily Removable Cover Panels



Swing-out Service Door



- **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 Sealed for Durability**
Electrical connections are sealed to prevent water from penetrating and causing short circuits.



- **Low Maintenance, Heavy Duty Transaxle**
Manufactured to strict tolerances which helps reduce heat buildup and extend service life.



- **Vulkollan Tire and Load Wheels**
Superior tear and abrasion resistance compared to standard poly tires and wheels.



- **Bolt-On Load Wheel Boxes**
Easily and quickly serviceable if damaged. Toe guard optional.



Toe Guard (Optional)



Bolt-On Load Wheel Boxes





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.

BR1820SP-7PLUSV1



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