

# Electric Pantograph Reach Truck

## 3,500lbs - 4,000lbs Capacity

BR18/20SP-7





*We Are Doosan.  
Respected Name,  
Strong Ties,  
Reliable Products.*

Doosan, founded in 1896, has evolved into is a multifaceted corporation employing more than 38,000 people in 33 different countries. This diverse group of highly skilled individuals have helped make Doosan a dominate presence in the global marketplace.

Doosan offers a wide array of products and services to meet consumers' needs. We are involved in the development of power generation and desalination plants, major construction projects, engine development, and construction equipment manufacturing.

Doosan began producing forklifts almost 50 years ago and today is a successful global player in the material handling industry. We offer over 140 models, produced in four manufacturing plants with a production total of over 400,000 units.

Our goal is to offer simple, powerful, and performance enhanced products while helping customers achieve their bottom lines. We have won numerous technology design awards which have allowed us to expand our influence worldwide to include a network of over 400 dealers in more than 100 countries.

Doosan remains dedicated to its focus of providing customers with reliable and cost effective material handling products to meet their many operating needs.

## BR18/20SP-7 ELECTRIC PANTOGRAPH REACH TRUCK

### *Commitment*

The BRSP series of Narrow Aisle Pantograph Reach Trucks hold true to the Doosan tradition of delivering reliable, state of the art technology at a competitive price.

Doosan's commitment to its customers continues with total AC powered reach trucks that are smooth, powerful, and economical.

All Doosan products are manufactured with durable components and incorporate proven technology to maximize uptime and increase productivity.

Even the best equipment requires routine maintenance to keep it operating at top efficiency. Doosan's extended maintenance intervals and easy access to internal components will reduce your overall maintenance costs.

When you need maintenance, you can rely on a dedicated network of over 170 authorized Doosan dealers in North America with outstanding parts and service support!





# BR18/20SP-7 ELECTRIC PANTOGRAPH REACH TRUCK

## Technology

The Doosan BR18/20SP-7 Narrow Aisle Reach Truck can increase storage utilization by reducing aisle width as compared to the usage requirements of sitdown-type forklifts. This allows more storage for products in the same amount of warehouse space.

Curtis AC Controls provide an unbeatable combination of power, performance and functionality. They are adjustable, easy to diagnose, very reliable and well proven in the industry.

The AC drive, steer and pump motors deliver smooth power and lower energy consumption when compared to DC motors.

## Safety

### ■ Auto Deceleration System

An Auto Deceleration feature is included that automatically slows travel speed when turning to provide an extra margin of 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 and Reach Cylinders

The Doosan manufactured mast and pantograph feature built-in hydraulic load cushioning in the lift and reach/retract cylinders to make load handling smooth and safe.



*AC Technology  
Get more done safely.*



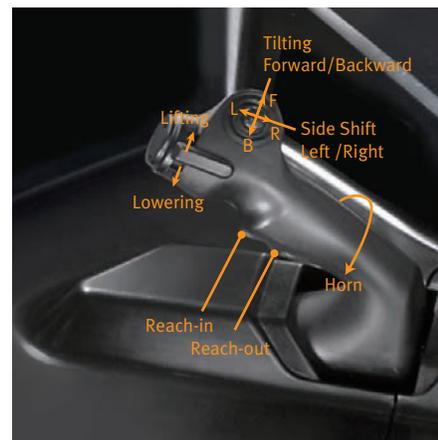


**7 3rd Post**  
For operator protection

**8 Steer Wheel with Soft Grip Knob**  
- Soft Grip Knob  
- Power Steering  
- Ergonomic Positioning

**9 Electronic Display**  
Adjustable Performance Modes  
Diagnostics

**10 Ergonomic Multifunctional Control Handle**





**1 Emergency Switch**  
Easy to Access

**2 Aux Power Outlet**  
- USB Type (5V)  
- Cigar Jack Type (12V)

**3 Switch Panel**  
- Headlight  
- Reverse Travel Light  
- Fan

**4 Adjustable Padded Arm Rest**  
- 5 Height Adjustments

**5 Padded Operator Compartment**  
- Knee Pad  
- Back Rest  
- Thigh Pad

**6 Comfortable Floor Mat**

## Operator Environment

Doosan knows the operator is the most important part of a productive warehouse system. An operator who is comfortable, confident and aware is a productive operator.

- 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 support and overhead guard are angled for maximum upward visibility. Smooth electronic power steering is precise and positioned for comfort and control.
- Built-in storage areas for a clipboard, beverage cup and smaller items are within easy reach.
- Doosan's instinctive multi-function control handle is ergonomically positioned and provides smooth proportional control of all functions. 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 hip pad for comfort. The adjustable armrest accommodates operators of various sizes and allows the operator to vary driving positions for more comfort.
- The standard auxiliary power outlets and the optional computer monitor mount, work lights, dome light and fan package are welcomed items for productivity. Other options include a pre-height selector for faster throughput and weight scale for measuring loads.

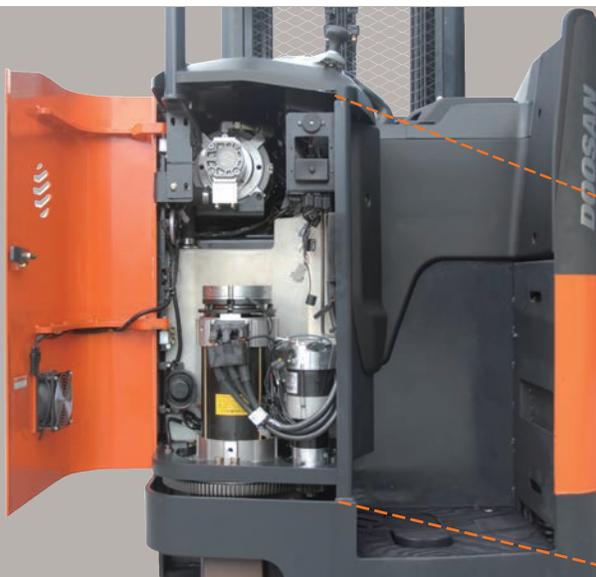


## Lower Maintenance Costs

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

The BRSP AC motors require virtually no maintenance and the Curtis built-in diagnostics make troubleshooting quick and easy.

The spring tension on the stabilizing caster can be easily adjusted for a smooth and stable ride.



Swing Out  
Service Door



Easily Removable Dash



- **Self Thermal Protection - Controller & Motor Cutback System**

Offers excellent protection of the drive and lift motor for increased reliability and durability in demanding applications.



- **Silicon Sealed Connectors**

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



- **Low Maintenance Transaxle**

Tight manufacturing tolerances reduce heat and wear.



- **Vulkollan Tire and Load Wheels**

Superior tear and abrasion resistance compared to standard poly tires and wheels.



- **Bolt-on Load Wheel Boxes**

Bolt-on Load Wheel Boxes speed the replacement of load wheels and are easily changed, if damaged. An optional Toe Guard is also available.



Bolt-on Load Wheel Boxes



Toe Guard Option

# Complementary Products

Doosan manufactures a wide range of quality products utilizing the latest technology and safety features.

Doosan's warehouse equipment provides excellent mobility and increased return on your investment over larger, more expensive units.

Combined with our Electric, LPG, and Diesel powered forklifts, Doosan's warehouse products will bring efficiency to your operation, increasing your overall productivity.

## SITDOWN FORKLIFTS



**4-wheel LPG cushion tire**  
3,000 - 6,500lb capacity



**4-wheel, LPG/Diesel pneumatic tire**  
3,000 - 36,500lb capacity



**3-wheel, Electric cushion tire**  
2,500 - 4,000lb capacity



**4-wheel, Electric cushion tire**  
3,000 - 6,500lb capacity

## PRODUCTIVITY SERIES



**Burden Carrier**  
4,400 - 5,500lb capacity



**Personnel Carrier**  
600lb capacity



**Stock Chaser**  
1,000lb capacity



Application Chart						
Transporting	 Hand Pallet Truck HPT	 Walkie Pallet Truck BW	 Rider Pallet Truck BWR	 Tugger BWT	 Center Control Rider BWC	 Electric Counterbalanced Truck 3-wheel Cushion 4-wheel Cushion
		 Walkie Stacker BWS	 Walkie Reach Stacker BWP	 Reach Truck BRP		
Storage / Stacking						
Personnel Transport				 Stock Chaser BSC	 Personnel Carrier BUV	 Burden Carrier BBC

## PALLET TRUCKS / STACKERS



**Hand Pallet Truck**  
5,500lb capacity



**Walkie Pallet Truck**  
4,500lb capacity



**Walkie Rider Pallet Truck**  
6,500lb capacity



**Center Control Rider**  
6,500lb capacity



**Tugger**  
10,000lb towing capacity



**Walkie Stacker**  
3,300lb capacity



**Walkie Reach Stacker**  
3,300lb capacity

**Pantograph Reach Truck**  
3,500 - 4,000lb capacity





**Doosan Corporation Industrial Vehicle**  
 Seoul Office  
 22/F, Doosan Tower, 18-12, Euljiro-6Ga,  
 Jung-Gu, Seoul, South Korea  
 Web site : [www.doosan-iv.com](http://www.doosan-iv.com)

**Doosan Industrial Vehicle America Corp.**  
 2475 Mill Center Parkway Suite 400  
 Buford, GA 30518 US  
 Tel: 678-745-2200 Fax: 678-745-2250  
[www.doosanlift.com](http://www.doosanlift.com)

AUTHORIZED DEALER