### Main Vehicle Specification

<table>
<thead>
<tr>
<th>Dimensional Drawings</th>
<th>Main Type</th>
<th>Rated Load Capacity</th>
<th>Fork Spread (Max.XMin)</th>
<th>Maximum Fork Height</th>
<th>Free Lift</th>
<th>Rated Load Capacities</th>
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### Electric Reach Truck

BR13S(J)-5 / BR15S(J)-5 / BR18S(J)-5
BR20S-5 / BR25S-5
BR14JW / BR16JW
1,250kg to 2,500kg Capacity
For Greater Productivity, AC Drive & Hydraulic Motors
Promote Energy Efficiency and Reduce Overall Operating Costs.

Doosan’s design breakthrough takes AC technology a step beyond conventional forklifts by introducing AC power and efficiency on both drive and hydraulic motors, assuming the industry lead in reach truck design and performance. Compact and high-powered reach trucks of 1.25 ton up to 2.5 ton capacity offer fast response, easy operation and smooth load handling for high-density warehouse handling efficiency. Doosan’s goal is to make your material handling operation both efficient and profitable.

A Comfortable Operating Environment Enhances Truck Performance

Reduced effort control valve levers provide smooth control of hydraulics.

Operator Compartment
Our ergonomically designed and spacious operator’s compartment combined with a variety of operational enhancements will facilitate ease of operation and help boost output in any application. An anti-slip soft rubber floor mat, large accelerator and brake pedals, ample foot and leg room, convenient controls, and our open view instrument panel all work together to provide operating ease and assure a productive work cycle.

Durability and Reliability Create Profitability!
Doosan’s goal is to make your material handling operation both efficient and profitable. The durability and reliability of these reach trucks will aid in minimizing your truck down time and total cost of ownership.

AC Controller
The central controller of the PRO 5 series is our AC controller consisting of a main logic board and power module with direct links to each drive motor and the hydraulic motor. This unit will regulate and monitor the following functions:

- Anti-Roll back and Anti-Roll down with adjustable ramp stop time
- Regenerative braking
- Electrically assisted braking
- Static return to off (SRO)
- Drive speed compensation (Load / Unload)
- Drive speed Acceleration / Deceleration / Reduction
- Continuous lift speed control / Pump motor speed compensation

Battery discharge indicator with adjustable reset value
- Over temperature protection for power modules and motors
- Low and high voltage limit
- Diagnostics and stored error codes
- Power line fault detection (Fuse / Contactor)
- Continuous temperature measuring (Controller, Motor)
- Full protection against short or open circuits

AC Motors
Control Drive and Hydraulic Functions. Utilize integrated power module to convert current in the truck battery to smooth, precise and productive operation. Hydraulic motor and drive motor are brushless making them virtually maintenance free.

Easy Battery Pull-In & Out
The reach operation can be used to pull the battery out of its compartment. In addition, the side draw function is also available as an option.

Easy Maintenance
Wide open access enables operators to check and adjust the motors, panel and brakes. Especially integrated grease fittings simplify equipment life, and assist operator daily checks.