# Pneumatic Forklift Trucks

**D15S / D18S-5 & D20SC-5**

- G15S / G18S-5 & G20SC-5
- 1,500 kg to 1,750 kg
- Diesel, LP, Pneumatic Tire

**D20S / D25S / D30S / D33S-5 & D35C-5**

- G20E / G25E / G30E-5
- G20P / G25P / G30P / G33P-5 & G35C-5
- 1,500 kg to 3,500 kg Capacity

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**Product and specifications are subject to improvement and change without notice.**

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*Authorized Dealer*

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[Head Office]: 7-11, Hwasu-Dong, Dong-Gu, Incheon, Korea.

[Seoul Office]: 22nd floor, Doosan Tower Bldg, Euljiro 6-Ga, Jung-Gu, Seoul, Korea.
At Doosan, we pride ourselves on our reputation for designing durable, dependable and operator-friendly counterbalance forklifts. Providing a well balanced mix of enhanced technology and proven components, the newly re-designed 1,500kgs to 3,500kgs Pro-5 range adheres closely to this ethos.

Improving productivity and lowering operation costs, the range introduces a number of operator comfort refinements, advanced servicing features and performance efficiencies:

✓ High powered and fuel efficient Diesel and LPG engines
✓ Virtually maintenance-free oil cooled disc brakes
✓ Power reversal transmission
✓ Lift and tilt locking hydraulic control Valve
✓ OSS (Operator Sensing System)
✓ Refined operator comfort seating area
Boost your productivity

Our ergonomically designed and spacious operator compartment, combined with a variety of operational enhancements, facilitates easier operation, improving comfort and helping to boost productivity.

Operator Friendly Features Include:

- **Spacious and Well Planned Operator compartment**
  Ample operator leg room, tiltable steering column and ergonomically positioned operator pedals combined with a low cowl height facilitate ease of operation.

- **Integrated Instrument Panel**
  The integrated instrument panel provides critical information instantly. Fuel, oil pressure, temperature and hour usage are clearly indicated, whilst additional status information on the mast interlock feature, transmission status, seat belt, and brake oil level keeps the operator fully aware of all vehicle performance systems.

- **Convenience Package**
  Provides excellent storage for paperwork, refreshments, small tools, etc.

- **Auto Tilt Leveling (Optional)**
  Returns the mast to the upright vertical position at the push of a button.

- **Operator Sensing System**
  - Parking alarm: Alarm warning when operator leaves the seat without applying parking brake
  - Seat belt indicator: 10 second warning light reminds operator to fasten seat belt.
  - Neutral shift feature: Transmission is automatically shifted into neutral when the operator leaves the seat with the engine running and the direction lever in forward or reverse

- **Rear Grab Bar with Horn (Optional)**
  Enables horn activation to alert surrounding personnel without the need to look away from the direction of travel.
High Powered, Fuel Efficient Performance

All our powerful diesel and LPG engines are Tier 3 compliant for reduced emissions. These in-line, 4-cylinder, water cooled, overhead valve engines provide high torque at low engine speeds for applications requiring ramp loading and unloading, fast lift speeds, or heavy hydraulic flow requirements.

2.4 Litre Diesel Engine (KUBOTA)
The V2403 2.4 Litre diesel engine is well tuned and recognized for industrial applications, having high fuel efficiency, low emission and low noise. With features such as high rated power, a built-in solenoid, low fan position, and engine side serviceability, this engine offers excellent performance for Doosan forklift trucks. The V2403 also complies with all EU Stage-3A emission requirements.

3.3 Litre Diesel Engine (YANMAR)
This 3.3 litre diesel engine provides excellent performance for even the toughest applications. The specially optimized engine was designed with advanced computer techniques to provide low noise levels and the combustion pre-chamber, BOSCH VE injection pump and injectors provide low emission characteristics. The 4TNE98 diesel engine also complies with all Euro Stage-3A emission requirements.

2.4 Liter LPG Engine (MMC) / P - Series
This engine provides greater torque and higher performance. The engine includes hydraulic lash adjusters which provide service free valvetrain for life of engine. A premium camshaft and balance shaft belts help not only to extend service interval but also to reduce noise.

Easy to Service, Efficient To Run

- Integrated Electric Components
  - Both the fuse and relay boxes are located in front of the engine to facilitate easy maintenance.

- Dual Element Air Cleaner
  - Heavy duty air cleaning system extends the engine service life and allows clean, cool air into the engine intake.

- Tool-less Side Cover And Footplate for Ease of Service
A Hallmark of Durability and Reliability

Doosan’s goal is to make your material handling operation as efficient and reliable as possible by minimizing your forklifts downtime to reduce overall maintenance cost.

- **Oil- Cooled Disc Brakes (ODB)**
  Virtually maintenance-free, ODB equipment is standard on all 1,500kg~3,500kg series forklifts. The enclosed brake system eliminates outside contamination, significantly extending the brake life by up to 5 times when compared to conventional shoe brakes, and come with our exclusive extended warranty.

- **Power reversal transmission**
  The top mounted control valve:
  - accurately modulates clutch oil pressure
  - provides smooth forward / reverse direction changes
  - extends transmission life

  The top located test ports are also simple to check and easy to clean.

- **Full floating drive axle**
  A solid one-piece cast iron housing ensures axle components are closely aligned, whilst the high tensile alloy steel shaft extends axle life and allows high torque to be transmitted to the drive wheels.

- **Hydrostatic steering system**
  - Fully hydrostatic steering
  - Self-aligning taper roller bearings
  - Designed to operate in contaminated environments and high impact applications
  - Low effort steering and faster response

- **Increased Cooling Capacity**
  Aluminum radiator provides excellent cooling capacity with improved air flow.
When you own a Doosan forklift, our high quality, responsive customer support team comes with it. The Doosan network starts with your local dealer and includes a national team of highly qualified and experienced personnel, ready to support all your material handling needs. Doosan also provides 100% parts inventory to ensure downtime is minimized and is on hand to offer technical advice and support via our local, regional and national partners. The Doosan network starts with your local dealer and ends with a national team of highly qualified and experienced personnel standing ready to support all your material handling needs.

<table>
<thead>
<tr>
<th>Main Specification</th>
<th>D15/18S-5</th>
<th>D20SC-5</th>
<th>D20/25/30/33S-5</th>
<th>D35C-5</th>
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<tbody>
<tr>
<td>Rated Load Capacity</td>
<td>1500 kg</td>
<td>1750 kg</td>
<td>2000 kg</td>
<td>2000 kg</td>
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<tr>
<td>Load Center</td>
<td>500</td>
<td>500</td>
<td>500</td>
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</tr>
<tr>
<td>Overall Length to Fork Face</td>
<td>2170 mm</td>
<td>2215 mm</td>
<td>2250 mm</td>
<td>2530 mm</td>
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<tr>
<td>Truck Overall Width</td>
<td>1070 mm</td>
<td>1070 mm</td>
<td>1070 mm</td>
<td>1170 mm</td>
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<tr>
<td>Height of Overhead Guard</td>
<td>2170 mm</td>
<td>2170 mm</td>
<td>2170 mm</td>
<td>2183 mm</td>
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<tr>
<td>Minimum Turning Radius</td>
<td>1977 mm</td>
<td>2022 mm</td>
<td>2050 mm</td>
<td>2220 mm</td>
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<tr>
<td>Travel Speed, Loaded</td>
<td>19 km/h</td>
<td>19 km/h</td>
<td>19 km/h</td>
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<tr>
<td>Lifting Speed, Loaded</td>
<td>600 mm/min</td>
<td>600 mm/min</td>
<td>600 mm/min</td>
<td>550 mm/min</td>
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<tr>
<td>Engine Model</td>
<td>V2403</td>
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<thead>
<tr>
<th>Option Availability</th>
<th>• Standard</th>
<th>○ Optional</th>
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<tbody>
<tr>
<td>Drive in Rack Overhead Guard</td>
<td>-</td>
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<tr>
<td>Fork Cap with Key</td>
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<tr>
<td>Preloader</td>
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<tr>
<td>Vertical Exhaust Tube</td>
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<tr>
<td>Modular Operator Cab</td>
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<tr>
<td>Radiator Screen</td>
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<tr>
<td>Windscreen Wiper/Washer</td>
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<tr>
<td>South American (4 in Cable)</td>
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<tr>
<td>Wire-Pull Fork Inclination and Acceleration Control</td>
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<tr>
<td>Finger Control System</td>
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<tr>
<td>Auto Tilt Leveling</td>
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<td>Rear Grab Bar with Horn</td>
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<tr>
<td>Quad Mast</td>
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<tr>
<td>Hydraulic Accumulator</td>
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<td>Integral Sideshifter</td>
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<td>Integral Shifting Fork Positioner</td>
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<td>Hook on Sideshifter</td>
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<td>UL LPS,DS Rating</td>
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* Catalytic muffler is standard for Tier-3 E/G only.