

## Pneumatic Forklift Trucks

D15S / D18S-5 & D20SC-5

G15S / G18S-5 & G20SC-5

1,500kg to 2,000kg Capacity

**PRO5**  
SERIES



**Durable and operator-friendly**



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, 1,500kgs to 2,000kg Pro-5 range adheres closely to this ethos.

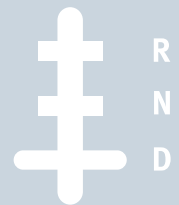
Improving productivity and lowering operation costs, the range introduces a number of operator comfort refinements, advanced servicing features and performance efficiencies:



High powered and  
fuel efficient Diesel  
LPG engines



Operator Sensing  
System (OSS)



Power reversal  
transmission



Lift and tilt locking  
hydraulic valve



Virtually maintenance-  
free oil cooled  
disc brakes



Refined operator  
compartment



# 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

- **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.







## 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.



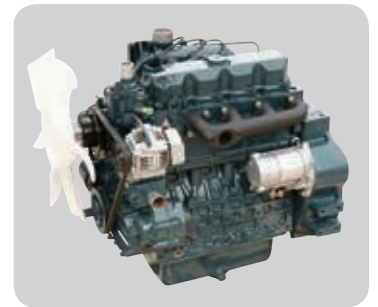
### ● Tool-less Side Cover And Footplate Removal for Ease of Service

## High Powered, Fuel Efficient Performance

All our powerful diesel and LPG engines are compliant to the current regulations 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)  
for D15/18S-5, D20SC-5

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.



- 2.4 Litre LPG Engine (HMC)  
for G15/18S-5, G20SC-5

This engine includes a silent chain timing belt that aids in the reduction of noise levels and helps to improve efficiency. An aluminum cylinder block and oil pan also help to reduce noise. Additionally, fuel efficiency is increased thanks to the use of abrasion resistant materials and specially designed 'beehive type' valve springs.



# 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 forklift downtime to reduce overall maintenance cost.





#### ● Oil- Cooled Disc Brakes (ODB)

Virtually maintenance-free, ODB equipment is optional on the forklifts. The enclosed brake system eliminates outside contamination, significantly extending the brake life by up to 5 times when compared to conventional shoe brakes.



#### ● 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.



A man wearing a white hard hat with a Doosan logo and a dark jacket stands next to a black Doosan forklift in a warehouse. The forklift has 'DOOSAN' written vertically on its mast. The background shows wooden pallets stacked on shelves.

# World-class service network

You will receive the best after-sales service from your authorized local or national factory-trained dealer, backed by Doosan's own customer service center. Doosan provides a 100% parts inventory to ensure that any downtime is minimized.

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 ends with a national team of highly qualified and experienced personnel standing ready to support all your material handling needs.

Oil Cooled, Disc Brake  
Operator Sensing System  
EQUIPE  
TIER 4

## ■ Option Availability

● : Standard ○ : Optional n/a: not available

Options	D15/18S-5, D20SC-5	G15/18S-5, G20SC-5
Drive in Rack Overhead Guard	○	○
Oil-Cooled Disc Brakes	○	○
Fuel Cap with Key	○	○
Precleaner	○	○
Vertical Exhaust Tube	○	○
Catalytic Muffler	○	○
Modular Operator Cabin	○	○
Radiator Screen	○	○
Non Marking Tire (Solid)	○	○
Spark Arrester (w/o Cabin)	○	n/a
Mono Pedal: Direction and Acceleration	○	○
Fingertip Control System	○	○
Autoshift (Single, Dual Tire)	○	○
Engine Shutdown	n/a	●
Swingout LP MTG	n/a	○
Swingdown LP MTG	n/a	○
Lift and Tilt Locking Hydraulic Control Valve	●	●
Auto Tilt Leveling	○	○
Rear Grab Bar with Horn	○	○
Hydraulic Accumulator	○	○
Integrated Sideshifter	○	○
Integrated Shifting Fork Positioner	○	○
Hook on Sideshifter	○	○

\* Catalytic muffler is standard for Tier-3 E/G only

Remark: This list is based on factory data. Standard or optional options can vary for specific countries.

## ■ Main Specification

		D15S-5	D18S-5	D20SC-5	G15S-5	G18S-5	G20SC-5
Rated Load Capacity	kg	1500	1750	2000	1500	1750	2000
Load Center	mm	500	500	500	500	500	500
Overall Length to Fork Face L	mm	2170	2215	2250	2170	2215	2250
Truck Overall Width W	mm	1070	1070	1070	1070	1070	1070
Height of Overhead Guard H	mm	2170	2170	2170	2170	2170	2170
Minimum Turning Radius R	mm	1977	2022	2050	1977	2022	2050
Travel Speed, Loaded	km/h	19	19	19	18	18	18
Lifting Speed, Loaded	mm/s	600	600	600	600	600	600
Engine Models		V2403			G424I(E)		
Rated Power of Engine	kW (HP) / rpm	34.1(45.7)/2400			33.9(45.5)/2450		
Max Torque	N-m / rpm	155.9/1600			147.8/1600		
Displacements	cc	2434			2359		





## PRO5 SERIES

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**D15S / D18S-5 & D20SC-5**  
1,500kg 1,750kg 2,000kg  
Diesel, Pneumatic Tire



**G15S / G18S-5 & G20SC-5**  
1,500kg 1,750kg 2,000kg  
LPG, Pneumatic Tire



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AUTHORIZED DEALER

EUDG18S5-180323ENV2 (MARCH 2018)

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