



## Pneumatic LP Forklift Trucks

G15S/G18S-5 & G20SC-5

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

**PRO5**  
SERIES



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 3,000lb(1,500kgs) to 4,000lb 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 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, on the instrument panel. 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 Presence System (OPS)**

✓ *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.*

- **Rear Grab Bar with Horn**

*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*



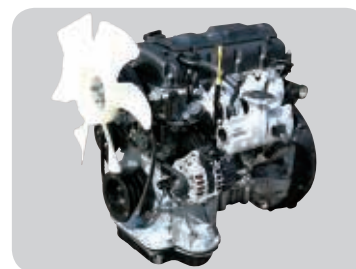
### ● Tool-less Side Cover And Footplate for Ease of Service

## High Powered, Fuel Efficient Performance

All our powerful LPG engines are 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 Liter LPG Engine (HMC)

*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.*



- 2.4 Liter LPG Engine (MMC)

*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.*



- 3.0 Liter LPG Engine (GM)

*This engine offers world class levels of design, including a sealed system to eliminate leaks, pistons with high silicon content for added durability, and noise protection and a modular crankshaft for increased strength.*





# 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 (OCDB)**

*Virtually maintenance-free, OCDB equipment is standard on all 3,000lb~4,000lb 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.*



**Limited Power Reversal Transmission(up to 5 mph)**

● **The top mounted control valve:**

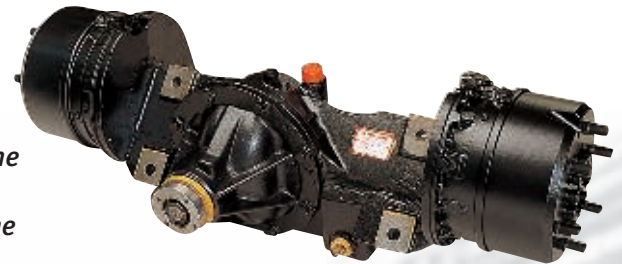
- ✓ accurately modulates clutch oil pressure
- ✓ provides smooth forward / reverse direction changes
- ✓ extends transmission life

*The top located test ports are also simple to check and edsy 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.*



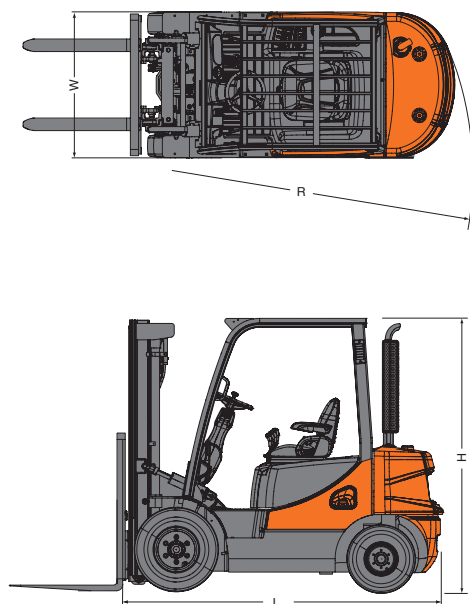


When you own a Doosan forklift, our high quality, responsive customer support team comes with it. The Doosan network starts with your local dealer and includes a national team of highly qualified and experienced personnel, ready to support all your material handling needs. Doosan also provides 100% parts 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.







## Option Availability

● : Standard ○ : Optional

Options	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 Arrestor(w/o Cabin)	n/a			
Mono Pad Foot Direction and Acceleration Control	○			
Finger Tip Control System	○			
AutoShift (Single,Dual Tire)	○			
Engine Shutdown	●			
Swingout LP MTG	○			
Swingdown LP MTG	○			
Lift and Tilt locking Hydraulic Control Valve	●			
Auto Tilt Leveling	○			
Rear Grab Bar with Horn	○			
Quad Mast	n/a			
Hydraulic Accumulator	○			
Integral Sideshifter	○			
Integral Shifting Fork Positioner	○			
Hook on Sideshifter	○			
UL LPS,DS Rating	n/a			

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

## Main Specification

Sales Model		G15S-5	G18S-5	G20SC-5
Rated Load Capacity	lb(kg)	3000(1500)	3500(1750)	4000 (2000)
Load Center	in(mm)	24(500)	24(500)	24(500)
Overall Length to Fork Face	L in(mm)	85.4(2170)	87.2(2215)	88.6(2250)
Truck Overall Width	W in(mm)	42.1(1070)	42.1(1070)	42.1(1070)
Height of Overhead Guard	H in(mm)	85.4(2170)	85.4(2170)	85.4(2170)
Minimum Turning Radius	R in(mm)	77.8(1977)	79.6(2022)	80.7(2050)
Travel Speed, Loaded	mph(km/h)	11.2(18)	11.2(18)	11.2(18)
Lifting Speed, Loaded	fpm(mm/s)	118(600)	118(600)	118(600)
Engine Models		G424I(E)(LP, DF)		
Rated Power of Engine	HP(kW) / rpm	45.5(33.9) / 2450		
Max Torque	lb.ft(N.m) / rpm	109(148) / 1600		
Displacements	cc	2359		





## PRO5 SERIES



G15S / G18S-5 & G20SC-5

3,000 lb.(1,500kg)

3,500 lb.(1,750kg)

4,000 lb. (2,000kg)

LP Pneumatic Tire

### Complete Distribution Network

Doosan forklifts are sold and serviced by 95 dealers at over 200 locations in the United States and Canada. Call us at 678-745-2200 for the location of a dealer near you or visit us at [www.doosanlift.com](http://www.doosanlift.com).

PSCG25S5v2



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AUTHORIZED DEALER

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