



## PRO5 SERIES



**D15S / D18S-5 & D20SC-5**  
**G15S / G18S-5 & G20SC-5**  
 3,000lb(1,500kg)  
 3,500lb(1,750kg) 4,000lb(2,000kg)  
 Diesel, LP Pneumatic Tire



**D20S / D25S / D30S / D33S-5 & D35C-5**  
**G20E / G25E / G30E-5**  
**G20P / G25P / G30P / G33P-5 & G35C-5 PLUS**  
 4,000lb(2,000kg) 5,000lb(2,500kg)  
 6,000lb(3,000kg) 6,500lb(3,250kg)  
 7,000lb(3,500kg)  
 Diesel, LP Pneumatic Tire

### Full Product Line

Doosan offers a full line of lift trucks from 3,000lb(1,500kg) to 36,000lb(16,000kg) to fill all your material handling needs. Contact your dealer for specific information on our various models and configurations.

### Complete Distribution Network

Doosan lift trucks are sold and serviced by 95 dealers at over 200 locations in the U.S and Canada. Call us at 1-800-323-9662 for the location of a dealer near you, or visit us at [www.doosanlift.com](http://www.doosanlift.com)

For corporate information go to : [www.infracore.com](http://www.infracore.com)

## Pneumatic Forklift Trucks

D15S / D18S-5 & D20SC-5  
 G15S / G18S-5 & G20SC-5  
**D20S / D25S / D30S / D33S-5 & D35C-5**  
 G20E / G25E / G30E-5  
 G20P / G25P / G30P / G33P-5 & G35C-5 PLUS  
 3,000lb to 7,000lb Capacity



2905 Shawnee Industrial Parkway,  
 Suwanee, GA 30024 U.S.A.  
 Tel : 770-831-2200  
 Fax : 770-831-2250

AUTHORIZED DEALER

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

PSC0802A3 (Apr. 2011)

## *Redesigned....From The Ground Up!*

Doosan's Reputation for Durable, Dependable and Operator Friendly forklifts is Further Enhanced by Our 3,000lb(1,500kg) to 7,000lb(3,500kg) Heart-of-the-Line Pro 5 Series.

Providing a Well Balanced Mix of Enhanced Technology, Operator Comfort Refinements, Performance Efficiencies and advances in servicability, These Pneumatic forklifts will Increase Productivity and lower your Operating Costs with Features Like:

- ✓ *Optimized Operator Comfort*
- ✓ *High Powered, Fuel efficient, and EPA Compliant Diesel, LPG and Gasoline Engines*
- ✓ *Virtually Maintenance-free Oil cooled Disc Brakes*
- ✓ *Power Reversal Transmission*
- ✓ *Lift and Tilt Locking Hydraulic Control Valve*
- ✓ *OSS(Operator Sensing System)*



**DRIVE THE DIFFERENCE...**

**DRIVE DOOSAN !**

# A Comfortable Operator Will Help Improve Overall Performance

Our ergonomically designed and spacious operator compartment combined with a variety of operational enhancements will facilitate ease of operation and help boost output in various applications.



## 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 centralized and integrated easy-to-read instrument panel maximizes operator efficiency. Fuel gauge, engine hour meter, engine oil pressure, coolant and transmission temperature, mast interlock, transmission neutral, seat belt, brake oil level indicator keeps operator aware and informed of all vehicle performance systems.

### ● Convenience Package

Handles refreshments, paperwork, small tools, etc. for operator efficiency.

### ● Auto Tilt Leveling (Optional)

Returns mast to upright vertical position with the push of a button.

### ● Operator Sensing System

- ✓ Parking alarm : Alarm warning when operator leaves the seat without applying parking brake
- ✓ Seat belt indicator : Seat belt warning light for 10 seconds 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

When operator drives in reverse, rear grab bar enables horn activation to alert surrounding personnel.





## High Powered and Fuel - Efficient Diesel, LPG Engines Provide Excellent Performance Levels

Doosan forklift's powerful 2.4L, 3.3L, diesel engine and 2.4L LPG engine are EPA 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.

### ● 2.4L Diesel Engine (V2403)



The V2403 engine complies with EPA Interim Tier 4 emissions and EU Stage-3A requirements. The 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, built-in solenoid, low fan position, and engine side serviceability, this engine offers excellent performance for Doosan forklift trucks.



### ● 3.3L Diesel Engine(4TNE98)

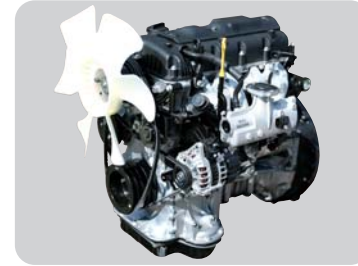


This 3.3 liter diesel engine provides excellent performance for even the toughest applications. 4TNE98 3.3 liter diesel engine complies with EPA Tier-3 emission regulation. Especially optimized engine designed with CAE techniques provides low noise. Besides, the combustion pre-chamber, BOSCH VE injection pump and injectors provide low emission characteristic.



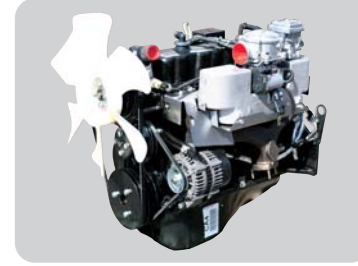
### ● 2.4L LPG Engine (G424I(E))

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



### ● 3.0L LPG Engine (G430FE)

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



## Engine Compartment Designed for Service Ease



● **Integration of Electrical Components for Easy Maintenance**  
Fuse and relay box located in front of engine.



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



● **Tool - less Side Cover and Floor Plate Simplifies Serviceability**

# 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 Down Time to Reduce Overall Maintenance Cost.**

## ● Oil- Cooled Disc Brakes(ODB)

Virtually maintenance-free, ODB is equipment on all 3,000lb~7,000lb(1,500kg~3,500kg) series forklifts. The enclosed brake system eliminates outside contamination significantly extending the brake life up to 5 times longer when compared to conventional shoe brakes. That's why they come with our industry exclusive 5year/10,000 hour warranty.



## ● Power reversal transmission

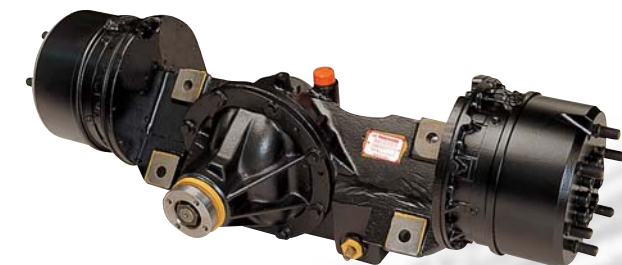
Top mounted control valve  
✓ accurately modulates clutch oil pressure  
✓ smooth forward / reverse direction changes  
✓ long transmission life  
✓ permits up to 5mph on-the-go-shifting



Top located plug type test ports  
✓ easy to check and clean

## ● Full floating drive axle

Strong one-piece cast housing  
✓ axle components aligned  
✓ high tensile alloy steel axle shaft extends axle life



Splined side gear, drive hub gears transmit high torque to 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.



**DRIVE THE DIFFERENCE...**

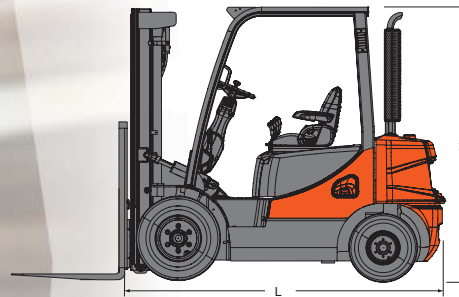
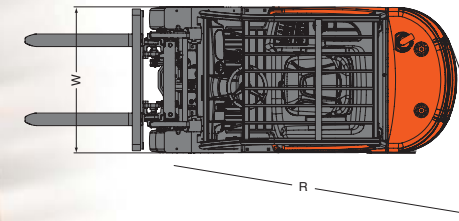
# Proven Quality, Responsive Service and A Reliable Partner....

After sales servicing of Doosan forklifts is available from the selling dealership backed by Doosan's own customer service center. Doosan also provides 100% parts inventory to insure 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.



DRIVE THE DIFFERENCE...



## Option Availability

● : Standard ○ : Optional

Options	D15/18S-5 & D20SC-5	G15/18S-5 & G20SC-5	D20/25/30/33S-5 & D33C-5	G20/25/30E-5	G20/25/30/33P-5 & G35C-5
Drive in Rack Overhead Guard	○	○	○	○	○
Oil- Cooled Disc Brakes	○	○	●	●	●
Fuel Cap with Key	○	○	○	○	○
Precleaner	○	○	○	○	○
Vertical Exhaust Tube	●	○	●	N-C (○) T-3 (●)	N-C (○) T-3 (●)
Catalytic Muffler *	○	○	○	○	○
Modular Operator Cabin	○	○	○	○	○
Radiator Screen	○	○	○	○	○
Non Marking Tire(Solid)	○	○	○	n/a	○
Spark Arrestor(w/o Cabin)	○	n/a	○	○	n/a
Mono Pad Foot Direction and Acceleration Control	○	○	○	○	○
Finger Tip Control System	○	○	○	○	○
AutoShift (Single,Dual Tire)	○	○	○	○	○
Engine Shutdown	n/a	n/a	○	●	●
Swingout LP MTG	n/a	○	n/a	○	○
Swingdown LP MTG	n/a	○	n/a	○	○
Lift and Tilt locking Hydraulic Control Valve	●	●	●	●	●
Auto Tilt Leveling	○	○	○	○	○
Rear Grab Bar with Horn	○	○	○	○	○
Quad Mast	n/a	n/a	○	○	○
Hydraulic Accumulator	○	○	○	○	○
Integral Sideshifter	○	○	○	○	○
Integral Shifting Fork Positioner	○	○	○	○	○
Hook on Sideshifter	○	○	○	○	○
UL LPS,DS Rating	n/a	n/a	○	○	○

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

## Main Specification

Sales Model		D15S-5	D18S-5	D20SC-5	G15S-5	G18S-5	G20SC-5
Rated Load Capacity	lb(kg)	3000(1500)	3500(1750)	4000(2000)	3000(1500)	3500(1750)	4000(2000)
Load Center	in(mm)	24(500)	24(500)	24(500)	24(500)	24(500)	24(500)
Overall Length to Fork Face	L in(mm)	85.4(2170)	87.2(2215)	88.6(2250)	85.4(2170)	87.2(2215)	88.6(2250)
Truck Overall Width	W in(mm)	42.1(1070)	42.1(1070)	42.1(1070)	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)	85.4(2170)	85.4(2170)	85.4(2170)
Minimum Turning Radius	R in(mm)	77.8(1977)	79.6(2022)	80.7(2050)	77.8(1977)	79.6(2022)	80.7(2050)
Travel Speed, Loaded	mph(km/h)	11.8(19)	11.8(19)	11.8(19)	11.2(18)	11.2(18)	11.2(18)
Lifting Speed, Loaded	fpm(mm/s)	118(600)	118(600)	118(600)	118(600)	118(600)	118(600)
Engine Models		V2403			G424I(E)(LP, DP)		
Rated Power of Engine	HP(kW)/rpm	45.7(34)/2400			45.5(34)/2450		
Max Torque	lb.ft(N.m)/rpm	109(147)/1600			109(148)/1600		
Displacements	cc	2434			2359		

Sales Model		D20S-5	D25S-5	D30S-5	D33S-5	D35C-5	G20E-5	G25E-5
Rated Load Capacity	lb(kg)	4000(2000)	5000(2500)	6000(3000)	6500(3250)	7000(3500)	4,000 (2,000)	5,000(2,500)
Load Center	in(mm)	24(500)	24(500)	24(500)	24(500)	24(500)	24 (500)	24(500)
Overall Length to Fork Face	L in(mm)	99.6(2530)	102.2(2595)	106.3(2700)	107.5(2730)	108.9(2765)	99.6 (2,530)	102.2(2,595)
Truck Overall Width	W in(mm)	46.1(1170)	46.1(1170)	47.1(1197)	47.1(1197)	49.4(1255)	46.1 (1,170)	46.1(1,170)
Height of Overhead Guard	H in(mm)	85.9(2183)	85.9(2183)	85.9(2183)	85.9(2183)	85.9(2183)	85.9 (2,183)	85.9 (2,183)
Minimum Turning Radius	R in(mm)	87.4(2220)	89.2(2265)	93.1(2365)	94.3(2395)	95.3(2420)	87.4 (2,220)	89.1(2,265)
Travel Speed, Loaded	mph(km/h)	11.8(19)	11.8(19)	11.2(18.5)	11.2(18)	11.5(18.5)	11.8 (19)	11.8(19)
Lifting Speed, Loaded	fpm(mm/s)	104.3(530)	102.3(520)	98.4(500)	96.3(490)	82.7(420)	104.3 (530)	100.4(510)
Engine Models		4TNE98				G424I(E)(LP, DP)		
Rated Power of Engine	HP(kW)/rpm	59(43.7)/2300				65.3(48.7)/2600		
Max Torque	lb.ft(N.m)/rpm	134(181)/1600				137(186)/1900		
Displacements	cc	3319				2359		

Sales Model		G30E-5	G20P-5 PLUS	G25P-5 PLUS	G30P-5 PLUS	G33P-5 PLUS	G35C-5 PLUS
Rated Load Capacity	lb(kg)	6000(3000)	4000(2000)	5000(2500)	6000(3000)	6500(3250)	7000(3500)
Load Center	in(mm)	24(500)	24(500)	24(500)	24(500)	24(500)	24(500)
Overall Length to Fork Face	L in(mm)	106.3(2700)	99.6(2530)	102.2(2595)	106.3(2700)	107.5(2730)	108.9(2765)
Truck Overall Width	W in(mm)	85.2(1197)	46.1(1170)	46.1(1170)	47.1(1197)	47.1(1197)	49.4(1255)
Height of Overhead Guard	H in(mm)	85.9(2183)	85.9(2183)	85.9(2183)	85.9(2183)	85.9(2183)	85.9(2183)
Minimum Turning Radius	R in(mm)	93.1(2365)	87.4(2220)	89.2(2265)	93.1(2365)	94.3(2395)	95.3(2420)
Travel Speed, Loaded	mph(km/h)	11.2(18)	11.8(19)	11.8(19)	11.2(18)	11.2(18)	11.5(18.5)
Lifting Speed, Loaded	fpm(mm/s)	98.4(500)	104.3(530)	102.3(520)	100.4(510)	100.4(510)	102.3(520)
Engine Models		G424I(E)(LP, DP)			G430FE		
Rated Power of Engine	HP(kW)/rpm	65.3(48.7)/2600			66.3(49.5)/2600		
Max Torque	lb.ft(N.m)/rpm	137(186)/1900			150(203)/1600		
Displacements	cc	2359			2967		

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