odb Oil Cooled Disc Brake

ISO 9001 ISO14001 CLASSIFIED UL

PRO5 SERIES



G60S / G70S-5
6,000kg 7,000kg
LP Gas ; Pneumatic Tire



D60S / D70S-5 & D80S / D90S-5
6,000kg 7,000kg 8,000kg 9,000kg
Diesel ; Pneumatic Tire

PSC0807B2 (June.2011)

DOOSAN

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AUTHORIZED DEALER

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

DOOSAN

Pneumatic Forklift Trucks

D60S / D70S-5 & D80S / D90S-5
G60S / G70S-5

6,000kg to 9,000kg Capacity

PRO5 SERIES



Made to Order...
For Your Heavy Duty Operation !



Doosans D/G60S-5 & D80S-5 Series has achieved an outstanding reputation for delivering power and performance in the toughest applications.

- **Here's What You'll Get With This New Redesigned series :**
  - ✓ *Optimized Operator Comfort & Safety*
  - ✓ *Proven and Durable Components*
  - ✓ *High Powered and Fuel efficient Diesel and LPG Engine for High Performance*
  - *- Low emissions and Minimal Vibration*
  - ✓ *Enhanced Maintenance and Serviceability*
  - ✓ *Virtually Maintenance-free Oil cooled Disc Brakes(Option)*
  - ✓ *2 or 3 Speed Full Autoshift Transmission*
  - ✓ *Lift, Tilt Locking, Pilot Operated Fatigue-less Hydraulic Control Valve and Levers*
  - ✓ *OSS(Operator Sensing System)*
  - ✓ *A Variety of Operator Friendly Features*

DRIVE THE DIFFERENCE...

DRIVE DOOSAN !

Our User Friendly Operator Compartment will Give Your Drivers Everything They Need.

To keep drivers running at peak efficiency we've made operator comfort a top priority



- **Easy-To-Read integrated Instrument Panel**

  Engine coolant temperature, transmission oil temperature, speed meter, fuel level gauge and hour meter keeps the driver aware of the machine's operating conditions. Engine oil pressure, alternator voltage, water separator gauge and pre-heater illuminates to alert operator to any problem.



- **Convenience Package**

  Deck mounted control valve levers simplify hydraulic actuation Convenience tray keeps paperwork and supplies organized and handy.



- **High Visibility Overhead Guard and Front-end**

  Wider mast window, repositioned hydraulic hoses and flat bar style overhead guard optimizes operator sight lines forward, up and to the load.



- **Auto tilt leveling (optional)**

  Easily returns the mast to upright vertical position with the simple push of a button.



- **Deluxe Suspension Seat with OSS(Operator Sensing System)**

  A comfortable deluxe suspension seat with OSS(operator sensing system), a large seatback angle, longer seat travel length and operator's weight resistance on front side allow multiple adjustments for optimum seating comfort.



- **Spacious Leg Room & Operator Comfort**

  The neat and wide-open floorboard provides operator with plenty of foot room to make entry and exit a breeze.



- **Optimum Pedal System(OPS)**

  This Option Pedal System will reduce the operators fatigue and provide best sense of drivability. Especially, the new electronic accelerator will provide the operator with secure and exact speed control.

DRIVE THE DIFFERENCE...

DRIVE DOOSAN !

Minimized Maintenance, Easy Serviceability.









Integration of Electrical Components for Easy Maintenance

Fuse and relay box located in front of the engine for easy access and simplified maintenance.



Dual LPG tank and Swing down type LPG cradle

Dual LPG tanks provide plenty of fuel to insure long running shift operations. A swing down LPG bracket simplifies tank installation and removal

DRIVE THE DIFFERENCE...

Doosan forklift trucks are designed with longevity in mind. A Doosan truck has specific design elements that enhance the reliability of its parts for decreased wear and tear and increased endurance. Count on the reliability of Doosan forklift trucks to allow you to concentrate on other aspects of your business besides material handling.

Oil- Cooled Disc Brakes

Oil cooled disc brakes are available on D/G60S-5 & D80S-5 series lift truck and are recommended for applications in humid, abrasive or corrosive environments, or with ramp, loading and unloading applications. This enclosed brake system eliminates outside contamination, significantly extends brake life and decreases maintenance cost. Oil cooled disc brakes have service intervals 5 times longer than conventional shoe brakes, and require little to no maintenance.



Power reversal transmission

Top mounted control valve on the transmission precisely modulates clutch oil pressure for smooth forward / reverse directional changes. Large clutch packs and transmission design permits on-the-go shifting up to 5mph for increased productivity.



Hydrostatic steering system

- No mechanical connections between steering wheel and steer axle for reduced maintenance.
- 8 grease zerks for proper lubrication.
- Sealed tapered roller bearings offer protection against contamination and in high impact applications.
- Provides low effort steering with quick steering response.



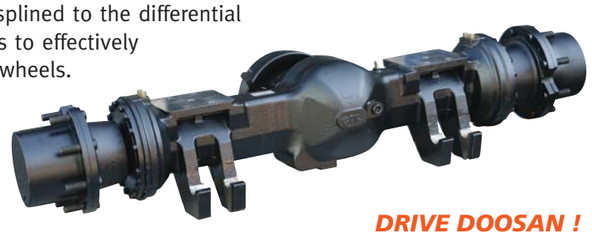
Dual element air cleaner (standard)

Dual element air cleaner brings cool clean air into the engine intake system.



Full floating drive axle

Strong one-piece cast housing keeps axle components aligned. High tensile strength alloy steel axle shafts are carbonized for extended life and splined to the differential side gear & drive wheel hub gears to effectively transmit high torque to the drive wheels.



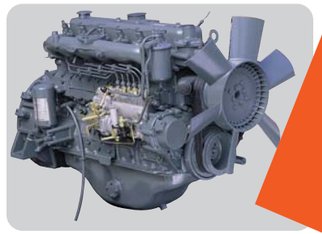
DRIVE DOOSAN !

A Hallmark of Durability and Reliability

Doosan's Goal is to Make Your Material Handling Organization as Efficient and Reliable as Possible. The Durability and Reliability of Our Forklifts Will Aid In Minimizing Down Time and Help Reduce Total Maintenance Cost.

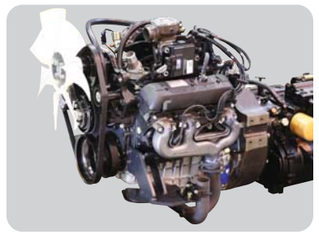
Doosan Infracore DB58S
(2speed : 68kW, 3speed : 74kW)

This powerful 6-cylinder 5.8L diesel engine delivers excellent power to meet the needs of the most demanding applications. DB58S diesel engines comply with EPA emission regulations.



GM V6 4.3L (69 kW)

The highly efficient and powerful GM 4.3L LP Gas engine has time-proven durability.
Its low noise level and minimal vibration will add to operator's comfort while the engine provides the forklift with excellent power.



NEW
EPA Tier-3 & Stage-3A

D439E 3.9L
(2speed : 68kW, 3speed : 74kW)

This 3.9 Liters Common Rail turbo-intercooler(air cooler) Diesel engine complies with EPA Tier III and Stage 3A emission regulation.
The electric governed engine control system provides high performance and supplies easy diagnostic system.
Four cylinders, Common Rail Direct Injection, full range electrical governor and a heavy duty fuel filter with water separator, all add up to a powerful and efficient power plant which keeps its strong performance even in high altitude working environments.





DRIVE THE DIFFERENCE...

DRIVE DOOSAN !

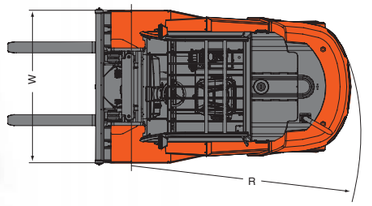
Proven Quality, Responsive Service and A Reliable Partner....

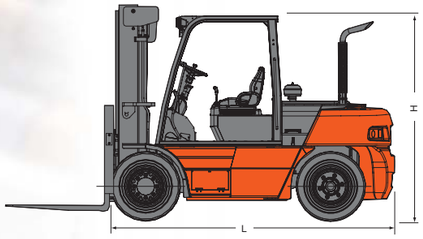
After sales service of Doosan forklifts is available from your authorized local dealers backed by Doosan's own customer service center.
And Doosan provides 100% parts inventory to insure any downtime is minimized.
When you own a Doosan forklift, our high quality, responsive customer support team comes 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	D60/70S-5	D80/90S-5	G60/70S-5
Fuel Cap with Key	○	○	n/a
Precleaner	○	○	○
Vertical Exhaust Tube	●	●	○
Catalytic Muffler	○	○	○
Air conditioner	○	○	○
Non Marking Tire(Solid)	○	○	○
Spark Arrestor(w,w/o C/B)	○	○	n/a
Mono Ped Foot Direction and Acceleration Control	○	○	○
AutoShift-2Speed (Single,Dual Tire)*	○	n/a	○
Engine Shutdown	○	○	○
Swingdown LP MTG	n/a	n/a	●
Lift and Tilt locking Hydraulic Control Valve	●	●	●
Auto Tilt Leveling	○	○	○
Hydraulic Accumulator	○	○	○
Intergral fork mover	○	○	○
Intergral Side shift and forkmover	○	○	○
Hook on Sideshifter	○	○	○
UL LPS,DS Rating	○	○	○

*Autoshift is option for 2Speed Truck only

■ *Main Specification*

● *3-Speed T/M Truck*

Sales Model			D60S-5		D70S-5		D80S-5		D90S-5	
Rated Load Capacity		kg	6000		7000		8000		9000	
Load Center		mm	600		600		600		600	
Overall Length to Fork Face	L	mm	3568		3647		3970		4040	
Truck Overall Width	W	mm	2108		2108		2230		2230	
Height of Overhead Guard	H	mm	2455		2455		2648		2648	
Minimum Turning Radius	R	mm	3331		3380		3610		3680	
Travel Speed, Loaded / Unloaded		km/h	29.5 / 32.5	30 / 34	29 / 32	29 / 34	30 / 34	30 / 36	28 / 33.5	28 / 35.5
Lifting Speed, Loaded / Unloaded		mm/s	490 / 530		445 / 470		430 / 470		430 / 470	
Wheel Base		mm	2250		2250		2500		2500	
Engine Models			DB58S	D439E	DB58S	D439E	DB58S	D439E	DB58S	D439E
Rated Power of Engine		kW/rpm	74 / 2200	74 / 2300	74 / 2200	74 / 2300	74 / 2200	74 / 2300	74 / 2200	74 / 2300
Max Torque		N-m/rpm	363 / 1400	373 / 1600	363 / 1400	373 / 1600	363 / 1400	373 / 1600	363 / 1400	373 / 1600
Cylinders / Displacements		cc	6 / 5785	4 / 3900	6 / 5785	4 / 3900	6 / 5785	4 / 3900	6 / 5785	4 / 3900
Transmission type			Auto Shift		Auto Shift		Auto Shift		Auto Shift	

● *2-Speed T/M Truck*

Sales Model			D60S-5		D70S-5		G60S-5		G70S-5	
Rated Load Capacity		kg	6000		7000		6000		7000	
Load Center		mm	600		600		600		600	
Overall Length to Fork Face	L	mm	3568		3647		3568		3647	
Truck Overall Width	W	mm	2108		2108		2108		2108	
Height of Overhead Guard	H	mm	2455		2455		2455		2455	
Minimum Turning Radius	R	mm	3331		3380		3331		3380	
Travel Speed, Loaded		km/h	24.5 / 26.5	23/24.5	24.0 / 26.5	22.5 / 24.5	23.8		23.6	
Lifting Speed, Loaded		mm/s	415 / 445	400 / 430	360 / 390	350 / 380	380		380	
Wheel Base		mm	2250		2250		2250		2250	
Engine Models			DB58S	D439E	DB58S	D439E	G643,G643E		G643,G643E	
Rated Power of Engine		kW/rpm	69 / 2400	68 / 2300	69 / 2400	68 / 2300	69 / 2450		69 / 2450	
Max Torque		N-m/rpm	324 / 1600	324 / 1600	324 / 1600	324 / 1600	297 / 1400		297 / 1400	
Cylinders / Displacements		cc	6 / 5785	4 / 3900	6 / 5785	4 / 3900	6 / 4294		6 / 4294	
Transmission type			Power Shift		Power Shift		Power Shift		Power Shift	

DRIVE DOOSAN !