



Pneumatic Forklift Trucks

D60S / D70S / D80S / D90S-5

6,000kg to 9,000kg Capacity

PRO5
SERIES

PRO5
SERIES



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



(May,2016)



AUTHORIZED DEALER

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

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

Doosans D60S-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 Engine for High Performance*
 - *Low emissions and Minimal Vibration*
- ✓ *Enhanced Maintenance and Serviceability*
- ✓ *Virtually Maintenance-free Oil cooled Disc Brakes (Option)*
- ✓ *2 Speed Powershift Transmission & 3 Speed Autoshift Transmission*
- ✓ *Lift, Tilt Locking, Pilot Operated Fatigue-less Hydraulic Control Valve and Levers*
- ✓ *OSS (Operator Sensing System)*
- ✓ *A Variety of Operator Friendly Features*

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.



Minimized Maintenance, Easy Serviceability.



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 D60S-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.



● Integration of Electrical Components for Easy Maintenance

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

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 - EPA Tier II (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.



- **D439E 3.9L -EPA Tier III & Stage IIIA (2speed : 68kW, 3speed : 74kW)**

This 3.9 Liters Common Rail turbo-intercooler(air cooler) Diesel engine complies with EPA Tier III and Stage IIIA 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.

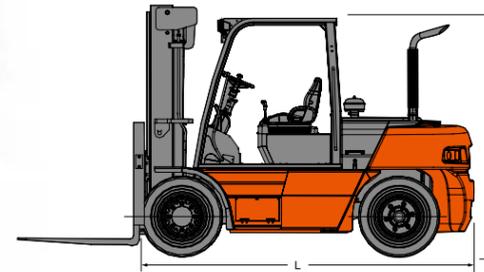
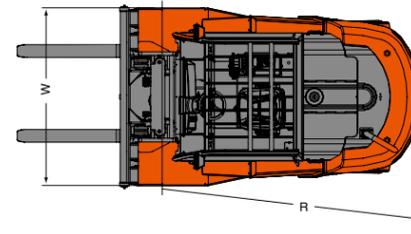


Proven Quality, Responsive Service and A Reliable Partner....

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.



■ Option Availability

Options	D60/70S-5	D80/90S-5
Fuel Cap with Key	○	○
Precleaner	○	○
Vertical Exhaust Tube	●	●
Catalytic Muffler	○	○
Air conditioner	○	○
Non Marking Tire(Solid)	○	○
Spark Arrestor(w,w/o C/B)	○	○
Mono Ped Foot Direction and Acceleration Control	○	○
AutoShift-2Speed (Single,Dual Tire)*	○	n/a
Engine Shutdown	○	○
Lift and Tilt locking Hydraulic Control Valve	●	●
Auto Tilt Leveling	○	○
Hydraulic Accumulator	○	○
Integral fork mover	○	○
Integral Side shift and forkmover	○	○
Hook on Sideshifter	○	○
UL, 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	6000	7000	8000	9000
Load Center	600	600	600	600
Overall Length to Fork Face	3568	3647	3970	4040
Truck Overall Width	2108	2108	2230	2230
Height of Overhead Guard	2455	2455	2648	2648
Minimum Turning Radius	3331	3380	3610	3680
Travel Speed, Loaded / Unloaded	29.5 / 32.5	30 / 34	29 / 32	29 / 34
Lifting Speed, Loaded / Unloaded	490 / 530	445 / 470	430 / 470	430 / 470
Wheel Base	2250	2250	2500	2500
Engine Models	DB58S D439E	DB58S D439E	DB58S D439E	DB58S D439E
Rated Power of Engine	74 / 2200	74 / 2300	74 / 2200	74 / 2300
Max Torque	363 / 1400	373 / 1600	363 / 1400	373 / 1600
Cylinders / Displacements	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
Rated Load Capacity	6000	7000
Load Center	600	600
Overall Length to Fork Face	3568	3647
Truck Overall Width	2108	2108
Height of Overhead Guard	2455	2455
Minimum Turning Radius	3331	3380
Travel Speed, Loaded	23/24.5	24.5 / 26.5
Lifting Speed, Loaded	400 / 430	415 / 445
Wheel Base	2250	2250
Engine Models	D439E	DB58S
Rated Power of Engine	68 / 2300	69 / 2400
Max Torque	324 / 1600	324 / 1600
Cylinders / Displacements	4 / 3900	6 / 5785
Transmission type	Power Shift	Power Shift