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AUTHORIZED DEALER

Pro-5 Series Forklifts Pneumatic Diesel 6 to 9 ton Series Interim Tier-4 / Stage IIIB

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DOOSAN



About Doosan

Values that drive our future growth



Trust in people is the foundation on which Doosan has built its century of success

Doosan always put 'People' first for the past 100 years, based on our management philosophies. "Business is not meant to make profits, but to help people grow." (Late Too Pyung Park, First Chairman), and continues to spur corporate development with global competitiveness originated from human resources.

Doosan the oldest, but fastest growing company

Doosan has recorded the longest business history since its inauguration in 1896, but has grown at its most rapid pace for the past 10 years

Doosan-the global Infrastructure Support Business (ISB) company

Doosan is creating 90% or more of its sales in ISB Business through vigorous reorganization of business portfolio since 1998. The past 70% of business has concentrated on consumer goods, but we have successfully transformed our business DNA to the infrastructure support business that constructs and reinforces social infrastructure.

Doosan, surging as a global company

Doosan has become the global ISB leader based on its world class products and services. In addition, as a true global company, Doosan's overseas employees encompass 50% of its human resources, and overseas sales take more than over 60% of the total sales.



Doosan Industrial Vehicle

Major global player in the infrastructure support bus iness with a proud heritage

With a proud history dating back to 1937, when we first started out as Chosun Machinery, Doosan Industrial Vehicle has grown into Korea's largest machinery manufacturer, playing a leading role in the development of the industry in Korea.

Today, we are a global enterprise. We operate large-scale plants and sales subsidiaries both at home and overseas and maintain an operational network that spans continents.

Committed To Innovation

We remain committed to the advancement of new technologies and development of talented individuals, positioning us to respond effectively to the rapid changes taking place in the 21st century. Our mission is to strengthen our global position and become the industry leader well into the future.

Committed To Our Customers

We are committed to our customers, providing superior products and excellent services to go with them.

Our Promise

Doosan Industrial Vehicles will be the partner you can count on, always putting our commitment to you first.

Award-Winning Machines

Doosan currently holds a number of export, design & safety awards, including four Forklift Truck Association awards for Design Excellence.





Customer minded design

Our latest series has a number of superb features designed to give you the edge:

Productivit

- Electric Controlled Powerful Diesel Engine
 - Improved Engine Performance
 - Excellent Brake Performance (ODB System)

Serviceability

Self-diagnostics & Self-protection Function for Engine
 U-joint type connection between Axle and Transmission
 Easy Access to Engine
 Dual Element Air Cleaner

Reliability

- Strong Steer Axle - Rigid Frame - Rugged Planetary Drive Axle

Comfor

Comfortable Cockpit Unit
 Easy Entry & Exit
 High Visibility by Clean & Lower Cowl Area
 Low Effort Operating Pedals
 Comfortable Suspension Seat

Saf

OSS (Operator Sensing System)
 * Prevent Truck Moving
 * Locking Hydraulic Lifting, Lowering and Tilting
 * Parking Brake Warning
 * Seat Belt Indication



Low emission, High power and Fuel Efficient 3.8 Litre Diesel Engine

Our new Interim Tier-4 / StagellIB series is designed for improved durability, quietness and fuel efficiency.

- CRS (Common Rail System)

The Common Rail System adds precise fuel injection control. As a result, the engine runs smoother with less fuel and lower costs.

- After-treatment Device (DPF + DOC)

DPF(Diesel Particulate filter) is a device that physically captures PM on the filters. In a progress called 'Regeneration', the accumulated PM is burnt off by the exhaust gas passing through the filters, which have high enough temperature to combust. However, if the temperature of exhaust gas is not adequately high, PM doesn't combust by tiself, but is combusted using a heat source generated by DOC(biesel Oxidation Catalyst).

- Cooled EGR (Exhaust Gas Recirculation)

EGR system recirculates a portion of exhaust gas back to the cylinder. The returned exhaust gas contains less oxygen, thereby lowering the combustion temperature and reducing NOx



KUBOTA V3800 Engine

Powerful kit that is built to last

We're firm favourites with fleet users and other no-nonsense businesses, due to the fact that our trucks are so tough and reliable, yet simple to operate and economical to run.

Oil- Cooled Disc Brakes

Oil cooled disc brakes are available on D/G6oS-5 k08oS-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 signh for increased productivity.

Full Floating Drive Axle

Strong one-piece cast housing keeps axle components aligned. High tensile strength aloy 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.

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.

Integration of Electrical Components for Easy Maintenance

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

















Award-winning safety features, class-leading performance.

Our designs are guided by a clear ethos: 'Simple, Powerful Performance.' All our products offer excellent value and market-leading levels of productivity, without over complicated design or confusing usability.

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 positionn 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.

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.

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.











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.



	D6o/	70S-5	D80/90S-	
Options -	2-Speed	3-Speed	3-Speed	
3 Section Valves with 3 Control levers	•	•	•	
4 Section Valves with 4 Control levers	0	0	0	
5 Section Valves with 5 Control levers	0	0	0	
Tire (Dual Pneumatic Drive & Single Steer)	•	•	•	
Tire (Dual Solid Drive & Single Steer)	0	0	0	
Tire (Dual Pneumatic Drive & Single Solid Steer)	0	0	n/a	
Tire (Dual Solid Drive & Single Pneumatic Steer)	0	0	n/a	
Tire (Non Marking)	0	0	n/a	
Shoe Type Brakes	•	n/a	n/a	
Oil-cooled Disc Brakes (ODB)	n/a	•	•	
Vinyl Static Seat (without Seat Belt)	•	•	n/a	
Vinyl Static Seat (with Seat Belt)	0	0	•	
Vinyl Static Seat (with Hip Restraint)	0	0	0	
Cloth Static Seat (with Hip Restraint)	0	0	0	
Vinyl Suspension Seat (with Arm Rest / Hip Restraint / Orange Bell	0	0	0	
Cloth Suspension Seat (with Hip Restraint / Orange Belt)	n/a	n/a	0	
Overhead Guard	•	•	•	
Operator Cabin (Heater / Heater & Air Conditioner)	0	0	0	
2 Front Flood Lights	•	•	•	
Front & Rear Combination Lights	0	0	0	
1 Rear Flood Light	0	0	0	
2 Rear Flood Lights	0	0	0	
Strobe Light (Red / Amber, Above / Below)	0	0	0	
Hood Locking Device	•	•	•	
Fuel Cap with Key	0	0	0	
Auto Tilt Leveling *	0	0	0	
Vertical Exhaust Tube	•	•	•	
Horizontal Exhaust *	0	0	0	
Precleaner *	0	0	0	
Defroster Fan	0	0	0	
Auto Shift	0	n/a	n/a	
Back-up Alarm (Outside / Audible)	0	0	0	
Steering Wheel Knob	0	0	0	
Spark Arrestor *	0	0	0	
Lift Eye *	0	0	0	
Tool Kit	0	0	0	
Hydraulic Accumulator	0	0	0	
Side Shifter (Hook / Shaft)	0	0	0	
Fork Positioner (Interlocking / Independent)	0	0	0	
Mono Pedal *	0	0	0	





* These options will be developed if customer orders.

Main Specification

			D60S-5	D70S-5	D8oS-5	D90S-5	D6oS-5	D70S-5
Rated Load Capacity		kg	6,000	7,000	8,000	9,000	6,000	7,000
Load Center		mm	600	600	600	600	600	600
Overall Width	w	mm	2,108	2,108	2,230	2,230	2,108	2,108
Overall Legnth to Fork Face	L	mm	3.568	3,647	3,970	4,040	3,568	3,647
Height to Overhead Guard	н	mm	2,455	2,455	2,648	2,648	2,455	2,455
Minium Turning Radius	R	mm	3,331	3,380	3,610	3,680	3,331	3,380
Wheel Base		mm	2,250	2,250	2,500	2,500	2,250	2,250
Trevel Speed, Loaded		km/h	30	29	29.5	28	24	23.7
Lifting Speed, Loaded		mm/s	500	500	500	500	490	490
Engine Maker			KUBOTA	KUBOTA	KUBOTA	KUBOTA	KUBOTA	KUBOTA
Rated Power of Engine		HP/rpm	82/2,400	82/2,400	82/2,400	82/2,400	82/2,400	82/2,400
Displacement of Engine		66	3,769	3,769	3,769	3,769	3,769	3,769
Maximum Torque		N.m/rPm	375.1/1,500	375.1/1,500	375.1/1,500	375.1/1,500	335/1,500	335/1,500
Engine Model			V3800	V3800	V3800	V3800	V3800	V3800
Number of Cylinder			4	4	4	4	4	4
Number of Speed (Fwd/Rev)			3/3	3/3	3/3	3/3	2/2	2/2

Option Availability

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