



Pneumatic Forklift Trucks

D60S / D70S-5 & D80S / D90S-5

G60S / G70S-5

6,000kg to 9,000kg Capacity

PRO 5
SERIES



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

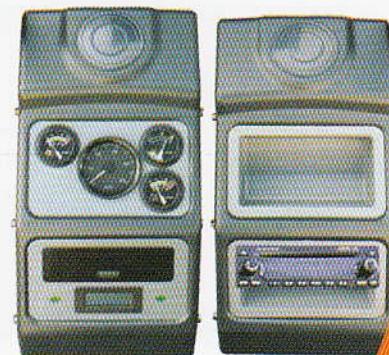


DRIVE THE DIFFERENCE...

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

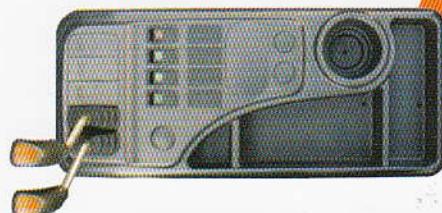
● **Easy-To-Read integrated Instrument Panel**

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.



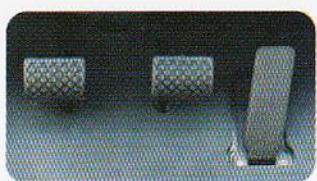
● **Spacious Leg Room & Operator Comfort**

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

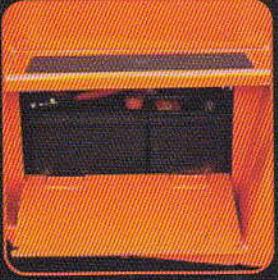


● **Optimum Pedal System(OPS)**

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.



- **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.

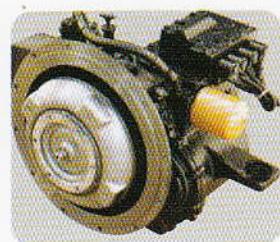
● Oil-Cooled Disc Brakes

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!

6,000/7,000/8,000/9,000kg Capacities

Engine Powered Forklift Trucks

MAIN VEHICLE SPECIFICATIONS

CHARACTERISTICS		DOOSAN		DOOSAN		DOOSAN	
1	Manufacturer			D60S-5	D70S-5	D80S-5	D90S-5
2	Model						
3	Load Capacity	at rated load center	kg	6,000	7,000	8,000	9,000
4	Load Center		mm	600	600	600	600
5	Power type	Elec, Diesel, LPG, Gasoline		Diesel	Diesel	Diesel	Diesel
6	Operator type			Driver-seated	Driver-seated	Driver-seated	Driver-seated
7	Tire type	P:Pnu, E:Solid Soft, C:Cush		P	P	P	P
8	Wheels (x=Driven)	Front / Rear		x 4 / 2	x 4 / 2	x 4 / 2	x 4 / 2
9	Max. Fork Height	with STD 2-stage mast	mm	3,000	3,000	3,100	3,100
10	Free Lift		mm	205	205	215	215
12	Fork Carriage	ISO Class		IV	IV	V	V
13	Forks	Length x Width x Thickness	mm	1,200x180x60	1,200x180x60	1,200x180x70	1,200x180x70
		Fork Spacing(Min x Max)	mm	410x2,032	410x2,032	410x2,092	410x2,092
14	Tilt of Mast	Forward / Backward	deg	15 / 10	15 / 10	15 / 10	15 / 10
15	DIMENSIONS	Length to Fork Face	mm	3,568	3,647	4,014	4,040
16		Overall Width	mm	2,108	2,108	2,230	2,230
17		Mast Lowered Height	mm	2,500	2,500	2,835	2,835
18		Mast Extended Height	mm	4,340	4,340	4,375	4,375
19		Overhead Guard Height	mm	2,455	2,455	2,648	2,648
20		Seat Height	mm	1,333	1,333	1,526	1,526
21	Turning Radius	Minimum outside	mm	3,331	3,380	3,650	3,680
22	Load Moment Center		mm	632	632	725	725
23	Aisle 90 degree stacking(add load length & clearance)		mm	3,958	4,000	4,330	4,355
24	Travel Speed	Loaded / Unloaded	km/h	24.5 / 26.5	24.0 / 26.5	30 / 34	28 / 33.5
25	Lifting Speed	Loaded / Unloaded	mm/s	415 / 445	360 / 390	430 / 470	430 / 470
26	Lowering Speed	Loaded / Unloaded	mm/s	490 / 460	490 / 460	500 / 450	500 / 450
28	Max. drawbar pull	Loaded at 1.0 mph (1.6km / h)	kg	4,875	4,875	5,498	5,449
30	Max. gradeability	Loaded at 1.0 mph (1.6km / h)	%	34	30.5	30.5	28.5
32	Total Service Weight, Unloaded		kg	9,085	9,810	11,545	12,195
33	WEIGHT	Loaded, Front / Rear	kg	13,430 / 1,655	14,820 / 1,990	14,920 / 4,360	16,920 / 4,705
34		Unloaded, Front / Rear	kg	4,145 / 4,940	3,985 / 5,830	4,600 / 6,500	4,680 / 7,315
35	CHASSIS	Number of wheels(F / R)		4 / 2	4 / 2	4 / 2	4 / 2
36		Size, Front		8.25x15-14PR	8.25x15-14PR	9.00x20-14PR	9.00x20-14PR
37		Size, Rear		8.25x15-14PR	8.25x15-14PR	9.00x20-14PR	9.00x20-14PR
38	Wheel Base	Distance	mm	2,250	2,250	2,500	2,500
39	Tread Width	Front / Rear	mm	1,584 / 1,550	1,584 / 1,550	1,646 / 1,750	1,646 / 1,750
40	GROUND CLEARANCE	Loaded at the lowest point	mm	176	176	258	258
41		Loaded at center of wheelbase	mm	205	205	329	329
42	Brakes	Service		Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd
43		Parking		Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech
45	Battery	Voltage / Ampere	V/AH	24 / 75	24 / 75	24 / 75	24 / 75
49	POWER TRAIN	Model		DB58S	DB58S	DB58S	DB58S
50		Rated Power(DIN)	HP/rpm	94 / 2,400	94 / 2,400	100 / 2,200	100 / 2,200
51			kW/rpm	69 / 2,400	69 / 2,400	74 / 2,200	74 / 2,200
52		Maximum Torque	N·m/rpm	324 / 1,600	324 / 1,600	363 / 1,400	363 / 1,400
53	Transmission	Cylinders / Displacements	CC	6 / 5,785	6 / 5,785	6 / 5,785	6 / 5,785
54		Type		Autoshift	Autoshift	FULL AUTO	FULL AUTO
55		Number of Speed (Fwd / Rev)		2 / 2	2 / 2	3 / 3	3 / 3
57	Hydraulic Pressure	System	bar	210	210	219	235
		Attachment	bar	140	140	140	140

Note: Specification values quoted in this specification sheet has been rounded. Performance may vary due to operation conditions.

Products and specifications are subject to improvement and change without prior notices.

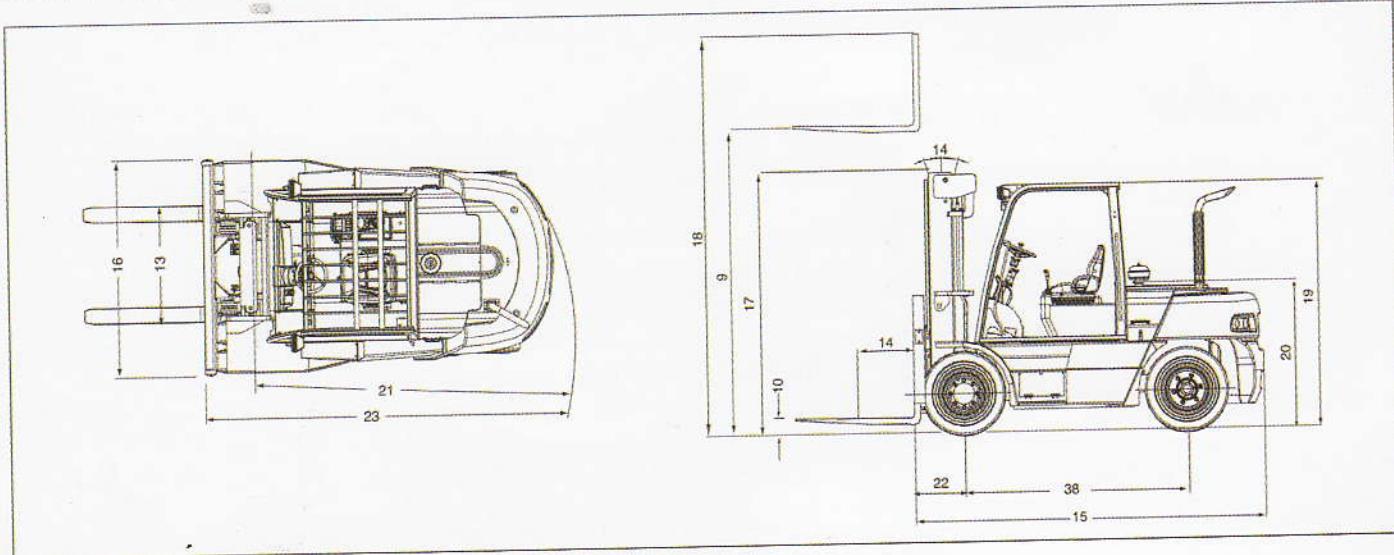
6,000/7,000kg Capacities

Engine Powered Forklift Trucks

MAIN VEHICLE SPECIFICATIONS

	1	Manufacture		DOOSAN	DOOSAN
	2	Model		G60S-5	G70S-5
CHARACTERISTICS	3	Load Capacity	at rated load center	kg	6,000
	4	Load Center		mm	600
	5	Power type	Elec, Diesel, LPG, Gasoline		LPG
	6	Operator type		Driver-seated	Driver-seated
	7	Tire type	P:Pnu, E:Solid Soft, C:Cush	P	P
	8	Wheels (x=Driven)	Front / Rear	x 4 / 2	x 4 / 2
DIMENSIONS	9	Max. Fork Height	with STD 2-stage mast	mm	3,000
	10	Free Lift		mm	205
	12	Fork Carriage	ISO Class		IV
	13	Forks	Length x Width x Thickness	mm	1,200x180x60
			Fork Spacing(Min x Max)	mm	410x2,032
	14	Tilt of Mast	Forward / Backward	deg	15 / 10
	15		Length to Fork Face	mm	3,568
	16		Overall Width	mm	2,108
	17	Overall Dimensions	Mast Lowered Height	mm	2,500
	18		Mast Extended Height	mm	4,340
	19		Overhead Guard Height	mm	2,455
	20		Seat Height	mm	1,333
	21	Turning Radius	Minimum outside	mm	3,331
	22	Load Moment Center		mm	632
	23	Aisle 90 degree stacking(add load length & clearance)		mm	3,958
PERFORMANCE	24	Travel Speed	Loaded / Unloaded	km/h	23.8 / 25.4
	25	Lifting Speed	Loaded / Unloaded	mm/s	380 / 410
	26	Lowering Speed	Loaded / Unloaded	mm/s	490 / 460
	28	Max. drawbar pull	Loaded at 1.0 mph (1.6km / h)	kg	4,990
	30	Max. gradeability	Loaded at 1.0 mph (1.6km / h)	%	35.5
	32	Total Service Weight, Unloaded		kg	8,905
WEIGHT	33	Axle Load	Loaded, Front / Rear	kg	13,260 / 1,645
	34		Unloaded, Front / Rear	kg	3,975 / 4,930
	35		Number of wheels(F / R)		4 / 2
CHASSIS	36	Tires	Size, Front		8.25x15-14PR
	37		Size, Rear		8.25x15-14PR
	38	Wheel Base	Distance	mm	2,250
	39	Tread Width	Front / Rear	mm	1,584 / 1,550
	40	Ground Clearance	Loaded at the lowest point	mm	176
	41		Loaded at center of wheelbase	mm	205
	42	Brakes	Service		Foot / Hyd
	43		Parking		Hand / Mech
	45	Battery	Voltage / Ampere	V/AH	12 / 75
POWER TRAIN	49		Model		G643(E)
	50	Engine	Rated Power(DIN)	HP/rpm	93 / 2,450
				kW/rpm	69 / 2,450
	51		Maximum Torque	N·m/rpm	297 / 1,400
	52		Cylinders / Displacements	CC	6 / 4,294
	55	Transmission	Type		Power Shift
			Number of Speed (Fwd / Rev)		2 / 2
	57	Hydraulic Pressure	System	bar	210
			Attachment	bar	140

DIMENSIONAL DRAWING



MAST SPECIFICATIONS and RATED CAPACITIES

D/G60S-5

Mast type	Maximum Fork Height	Fully Lowered Height	Fully Extended Height With Load Backrest	Free Lift With Load Backrest	Rated Load Capacities		
					D/G60S-5		Load Capacities Double Pneumatic
					Tilt Angle Double Pneumatic	FWD	
mm	mm	mm	mm	mm	deg	deg	kg
STD	3,000	2,495	4,275	205	15	10	6,000
	3,500	2,745	4,775	205	15	10	6,000
	3,700	2,845	4,975	205	15	10	6,000
	4,000	2,995	5,275	205	15	10	6,000
	4,500	3,345	5,775	205	15	10	6,000
	5,000	3,595	6,275	205	15	10	6,000
	5,500	3,845	6,775	205	15	10	5,875
	6,000	4,095	7,275	205	15	10	5,675
FFT	4,550	2,540	5,570	1,580	15	10	5,900
	5,000	2,690	6,020	1,730	15	10	5,725
	5,600	2,890	6,620	1,930	15	10	5,500
	6,050	3,040	7,070	2,080	15	10	5,300

D/G70S-5

Mast type	Maximum Fork Height	Fully Lowered Height	Fully Extended Height With Load Backrest	Free Lift With Load Backrest	Rated Load Capacities		
					D/G70S-5		Load Capacities Double Pneumatic
					Tilt Angle Double Pneumatic	FWD	
mm	mm	mm	mm	mm	deg	deg	kg
STD	3,000	2,495	4,275	205	15	10	7,000
	3,500	2,745	4,775	205	15	10	7,000
	3,700	2,845	4,975	205	15	10	7,000
	4,000	2,995	5,275	205	15	10	7,000
	4,500	3,345	5,775	205	15	10	7,000
	5,000	3,595	6,275	205	15	10	7,000
	5,500	3,845	6,775	205	15	10	6,900
	6,000	4,095	7,275	205	15	10	7,000
	3,000	2,495	4,275	205	15	10	7,000
	3,500	2,745	4,775	205	15	10	7,000
	3,700	2,845	4,975	205	15	10	7,000
	4,000	2,995	5,275	205	15	10	7,000
	4,500	3,345	5,775	205	15	10	7,000
	5,000	3,595	6,275	205	15	10	7,000
	5,500	3,845	6,775	205	15	10	7,000
	6,000	4,095	7,275	205	15	10	6,900
FFT	4,550	2,540	5,570	1,580	15	10	7,000
	5,000	2,690	6,020	1,730	15	10	7,000
	5,600	2,890	6,620	1,930	15	10	6,725
	6,050	3,040	7,070	2,080	15	10	6,500

Note : Mast Specifications & Rated Capacities are based on standard chassis with dual pneumatic tire and without side shifter.

D80S-5

Mast type	Maximum Fork Height	Fully Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities		
					D80S-5		
			With Load Backrest	With Load Backrest	Tilt Angle	Load Capacities	
					Double Pneumatic	Double Pneumatic	
					FWD	BWD	LC 600mm
	mm	mm	mm	mm	deg	deg	kg
STD	3,100	2,835	4,375	215	15	10	8,000
	3,300	2,935	4,575	215	15	10	8,000
	3,600	3,085	4,875	215	15	10	8,000
	4,100	3,435	5,375	215	15	10	8,000
	4,600	3,685	5,875	215	15	10	8,000
	5,100	3,935	6,375	215	15	10	8,000
	5,600	4,185	6,875	215	15	10	8,000
FFT	4,350	2,630	5,625	1,420	15	10	8,000
	4,800	2,780	6,075	1,570	15	10	8,000
	5,400	2,980	6,675	1,770	15	10	8,000
	5,850	3,130	7,125	1,920	15	10	7,900

D90S-5

Mast type	Maximum Fork Height	Fully Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities		
					D90S-5		
			With Load Backrest	With Load Backrest	Tilt Angle	Load Capacities	
					Double Pneumatic	Double Pneumatic	
					FWD	BWD	LC 600mm
	mm	mm	mm	mm	deg	deg	kg
STD	3,100	2,835	4,375	215	15	10	9,000
	3,300	2,935	4,575	215	15	10	9,000
	3,600	3,085	4,875	215	15	10	9,000
	4,100	3,435	5,375	215	15	10	9,000
	4,600	3,685	5,875	215	15	10	9,000
	5,100	3,935	6,375	215	15	10	9,000
	5,600	4,185	6,875	215	15	10	9,000
FFT	4,350	2,630	5,625	1,420	15	10	9,000
	4,800	2,780	6,075	1,570	15	10	9,000
	5,400	2,980	6,675	1,770	15	10	9,000
	5,850	3,130	7,125	1,920	15	10	8,850

Note : Mast Specifications & Rated Capacities are based on standard chassis with dual pneumatic tire and without side shifter.





PRO 5 SERIES



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we grow together.



The illustration do not necessary show the product in standard version.
 All products and equipment are not available in all markets.
 Materials and specifications are subjects to change without prior notice.