



Pneumatic Forklift Trucks

D60S / D70S-5 & D80S / D90S-5

G60S / G70S-5

6,000kg to 9,000kg Capacity

PRO5
SERIES



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

Engine Powered Forklift Trucks

MAIN VEHICLE SPECIFICATIONS

CHARACTERISTICS	1	Manufacture			DOOSAN	DOOSAN	DOOSAN	DOOSAN
	2	Model			D60S-5	D70S-5	D80S-5	D90S-5
	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
DIMENSIONS	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	Overall 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
PERFORMANCE	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
WEIGHT	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	Axle Load	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	Tires	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
CHASSIS	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
POWER TRAIN	49	Engine	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		Cylinders / Displacements	CC	6 / 5,785	6 / 5,785	6 / 5,785	6 / 5,785
	55	Transmission	Type		Autoshift	Autoshift	FULL AUTO	FULL AUTO
	56		Number of Speed (Fwd / Rev)		2 / 2	2 / 2	3 / 3	3 / 3
	57	Hydraulic Pressure	System	bar	210	210	219	235
	58		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.

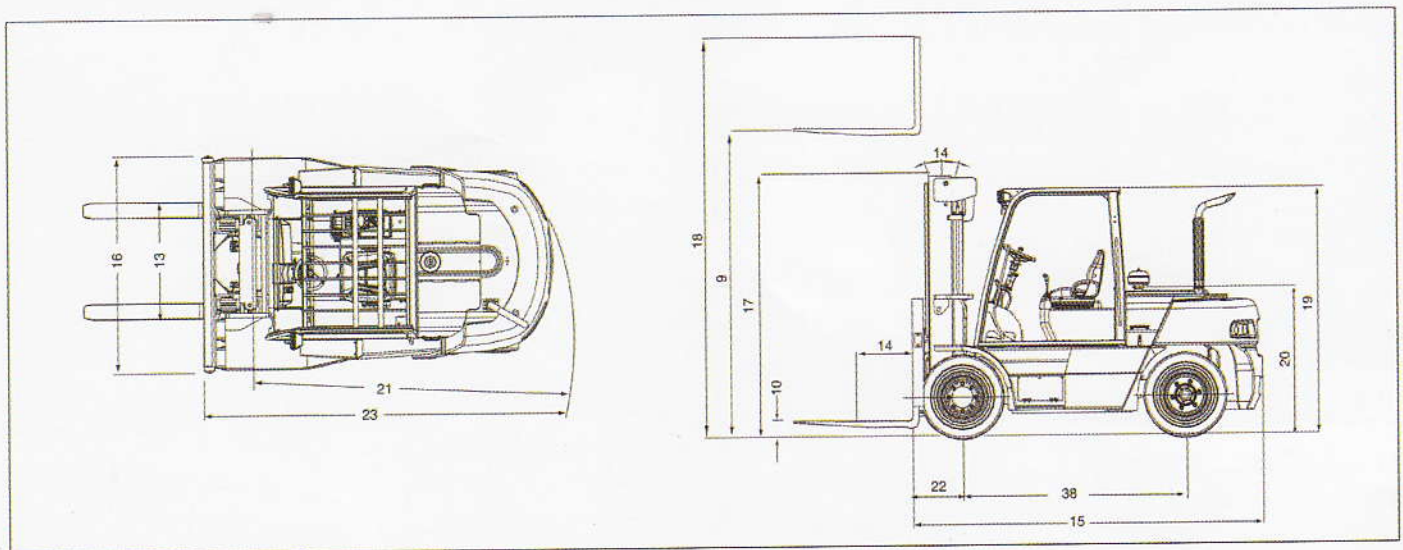
6,000/7,000kg Capacities

Engine Powered Forklift Trucks

MAIN VEHICLE SPECIFICATIONS

CHARACTERISTICS	1	Manufacture			DOOSAN	DOOSAN
	2	Model			G60S-5	G70S-5
	3	Load Capacity	at rated load center	kg	6,000	7,000
	4	Load Center		mm	600	600
	5	Power type	Elec, Diesel, LPG, Gasoline		LPG	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	3,000
	10	Free Lift		mm	205	205
	12	Fork Carriage	ISO Class		IV	IV
	13	Forks	Length x Width x Thickness	mm	1,200x180x60	1,200x180x60
			Fork Spacing(Min x Max)	mm	410x2,032	410x2,032
	14	Tilt of Mast	Forward / Backward	deg	15 / 10	15 / 10
	15	Overall Dimensions	Length to Fork Face	mm	3,568	3,647
	16		Overall Width	mm	2,108	2,108
	17		Mast Lowered Height	mm	2,500	2,500
	18		Mast Extended Height	mm	4,340	4,340
	19		Overhead Guard Height	mm	2,455	2,455
	20		Seat Height	mm	1,333	1,333
	21	Turning Radius	Minimum outside	mm	3,331	3,380
PERFORMANCE	22	Load Moment Center		mm	632	632
	23	Aisle 90 degree stacking(add load length & clearance)		mm	3,958	4,000
	24	Travel Speed	Loaded / Unloaded	km/h	23.8 / 25.4	23.6 / 25.4
	25	Lifting Speed	Loaded / Unloaded	mm/s	380 / 410	380 / 410
	26	Lowering Speed	Loaded / Unloaded	mm/s	490 / 460	490 / 460
	28	Max. drawbar pull	Loaded at 1.0 mph (1.6km / h)	kg	4,990	4,965
WEIGHT	30	Max. gradeability	Loaded at 1.0 mph (1.6km / h)	%	35.5	31.3
	32	Total Service Weight, Unloaded		kg	8,905	9,635
	33	Axle Load	Loaded, Front / Rear	kg	13,260 / 1,645	14,650 / 1,985
			Unloaded, Front / Rear	kg	3,975 / 4,930	3,815 / 5,820
CHASSIS	35		Number of wheels(F / R)		4 / 2	4 / 2
	36	Tires	Size, Front		8.25x15-14PR	8.25x15-14PR
			Size, Rear		8.25x15-14PR	8.25x15-14PR
	38	Wheel Base	Distance	mm	2,250	2,250
	39	Tread Width	Front / Rear	mm	1,584 / 1,550	1,584 / 1,550
	40	Ground Clearance	Loaded at the lowest point	mm	176	176
			Loaded at center of wheelbase	mm	205	205
	42	Brakes	Service		Foot / Hyd	Foot / Hyd
			Parking		Hand / Mech	Hand / Mech
	45	Battery	Voltage / Ampere	V/AH	12 / 75	12 / 75
POWER TRAIN	49		Model		G643(E)	G643(E)
	50	Engine	Rated Power(DIN)	HP/rpm	93 / 2,450	93 / 2,450
				kW/rpm	69 / 2,450	69 / 2,450
			Maximum Torque	N-m/rpm	297 / 1,400	297 / 1,400
				CC	6 / 4,294	6 / 4,294
	55	Transmission	Type		Power Shift	Power Shift
			Number of Speed (Fwd / Rev)		2 / 2	2 / 2
	57	Hydraulic Pressure	System	bar	210	210
			Attachment	bar	140	140

DIMENSIONAL DRAWING



MAST SPECIFICATIONS and RATED CAPACITIES

D/G60S-5

Mast type	Maximum Fork Height	Fully Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities		
					D/G60S-5		
			With Load Backrest	With Load Backrest	Tilt Angle		Load Capacities
					Double Pneumatic		Double Pneumatic
	mm	mm	mm	mm	FWD	BWD	LC 600mm
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	Free Lift	Rated Load Capacities		
					D/G70S-5		
			With Load Backrest	With Load Backrest	Tilt Angle		Load Capacities
					Double Pneumatic		Double Pneumatic
	mm	mm	mm	mm	FWD	BWD	LC 600mm
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	7,000
	6,000	4,095	7,275	205	15	10	6,900
	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
	mm	mm	mm	mm	FWD	BWD	LC 600mm
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
	mm	mm	mm	mm	FWD	BWD	LC 600mm
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.

