



Doosan Infracore
Forklifts

TECHNICAL SPECIFICATIONS

Pneumatic Forklift Trucks

D60S / D70S-5 & D80S / D90S-5

G60S / G70S-5

6,000kg to 9,000kg Capacity

PRO5
SERIES

NEW

EPA Tier-3 &
Stage-3A



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

Engine Powered Forklift Trucks

Pneumatic Tire

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		
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		
PERFORMANCE	24	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
	25	Lifting Speed	Loaded / Unloaded	mm/s	490 / 530		445 / 470		430 / 470		430 / 470	
	26	Lowering Speed	Loaded / Unloaded	mm/s	500 / 450	500 / 450	500 / 450	500 / 450	500 / 450	500 / 450	500 / 450	500 / 450
	28	Max. drawbar pull	Loaded at 1.0 mph (1.6km / h)	kg	5,945	5,740	5,915	5,710	5,498	5,340	5,449	5,290
30	Max. gradeability	Loaded at 1.0 mph (1.6km / h)	%	40.5	42	35.5	36.5	30.5	31.5	28.5	28	
WEIGHT	32	Total Service Weight, Unloaded		kg	9,240	9,075	9,970	9,805	11,545	11,595	12,195	12,245
	33	Axle Load	Loaded, Front / Rear	kg	13,585 / 1,655	13,510 / 1,565	14,980 / 1,990	14,885 / 1,920	14,920 / 4,360	17,320 / 2,275	16,920 / 4,705	18,770 / 2,475
			Unloaded, Front / Rear	kg	4,300 / 4,940	4,220 / 4,855	4,150 / 5,820	4,050 / 5,755	4,600 / 6,500	5,080 / 6,515	4,680 / 7,315	5,000 / 7,245
CHASSIS	35		Number of wheels(F / R)		4 / 2		4 / 2		4 / 2		4 / 2	
	36	Tires	Size, Front		8.25x15-14PR		8.25x15-14PR		9.00x20-14PR		9.00x20-14PR	
			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	
Loaded at center of wheelbase			mm	205		205		329		329		
42	Brakes	Service		Foot / Hyd		Foot / Hyd		Foot / Hyd		Foot / Hyd		
		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	D439E	DB58S	D439E	DB58S	D439E	DB58S	D439E
			Rated Power(DIN)	HP/rpm	100 / 2,200	100 / 2,300	100 / 2,200	100 / 2,300	100 / 2,200	100 / 2,300	100 / 2,200	100 / 2,300
				kW/rpm	74 / 2,200	74 / 2,300	74 / 2,200	74 / 2,300	74 / 2,200	74 / 2,300	74 / 2,200	74 / 2,300
			Maximum Torque	N-m/rpm	363 / 1,400	373 / 1,600	363 / 1,400	373 / 1,600	363 / 1,400	373 / 1,600	363 / 1,400	373 / 1,600
	52	Cylinders / Displacements	CC	6 / 5,785	4 / 3,900	6 / 5,785	4 / 3,900	6 / 5,785	4 / 3,900	6 / 5,785	4 / 3,900	
55	Transmission	Type		FULL AUTO		FULL AUTO		FULL AUTO		FULL AUTO		
		Number of Speed (Fwd / Rev)		3 / 3		3 / 3		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.

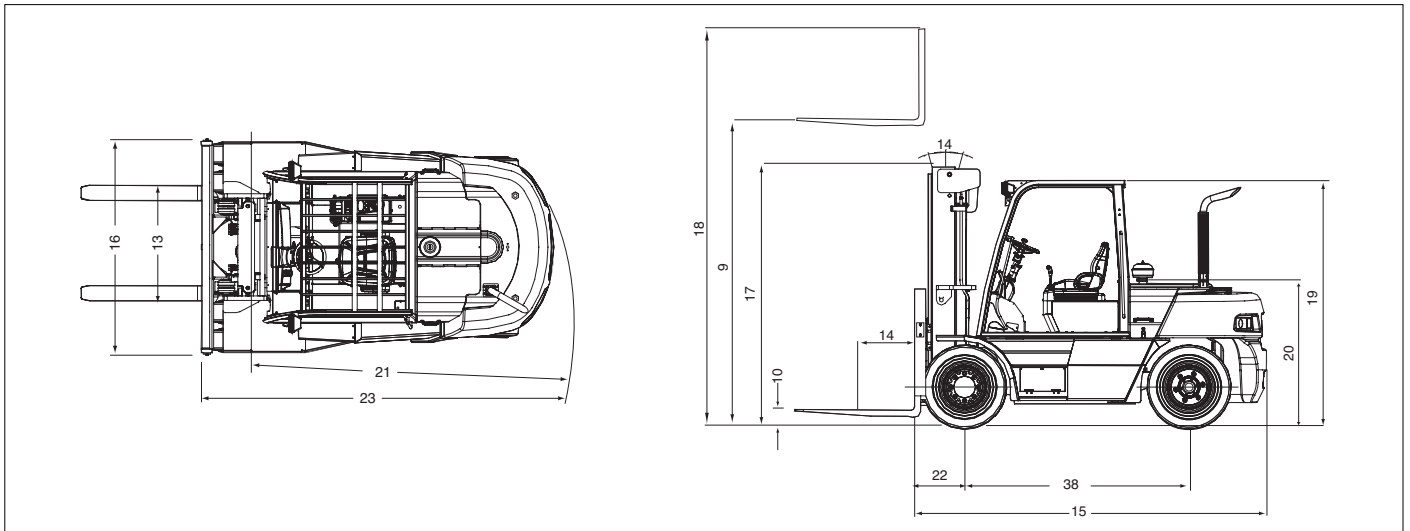
6,000/7,000kg Capacities

Engine Powered Forklift Trucks

Pneumatic Tire

DOOSAN		DOOSAN		DOOSAN		DOOSAN	
D60S-5		D70S-5		G60S-5		G70S-5	
6,000		7,000		6,000		7,000	
600		600		600		600	
Diesel		Diesel		LPG		LPG	
Driver-seated		Driver-seated		Driver-seated		Driver-seated	
P		P		P		P	
x 4 / 2		x 4 / 2		x 4 / 2		x 4 / 2	
3,000		3,000		3,000		3,000	
205		205		205		205	
IV		IV		IV		IV	
1,200x180x60		1,200x180x60		1,200x180x60		1,200x180x60	
410x2,032		410x2,032		410x2,032		410x2,032	
15 / 10		15 / 10		15 / 10		15 / 10	
3,568		3,647		3,568		3,647	
2,108		2,108		2,108		2,108	
2,500		2,500		2,500		2,500	
4,340		4,340		4,340		4,340	
2,455		2,455		2,455		2,455	
1,333		1,333		1,333		1,333	
3,331		3,380		3,331		3,380	
632		632		632		632	
3,958		4,000		3,958		4,000	
24.5 / 26.5	23 / 24.5	24.0 / 26.5	22.5 / 24.5	23.8 / 25.4		23.6 / 25.4	
415 / 445	400 / 430	360 / 390	350 / 380	380 / 410		380 / 410	
490 / 460		490 / 460		490 / 460		490 / 460	
4,875	5,070	4,875	5,030	4,990		4,965	
34	36.5	30.5	31.5	35.5		31.3	
9,085	9,000	9,810	9,730	8,905		9,635	
13,430 / 1,655	13,380 / 1,620	14,820 / 1,990	14,760 / 1,970	13,260 / 1,645		14,650 / 1,985	
4,145 / 4,940	4,100 / 4,900	3,985 / 5,830	3,925 / 5,805	3,975 / 4,930		3,815 / 5,820	
4 / 2		4 / 2		4 / 2		4 / 2	
8.25x15-14PR		8.25x15-14PR		8.25x15-14PR		8.25x15-14PR	
8.25x15-14PR		8.25x15-14PR		8.25x15-14PR		8.25x15-14PR	
2,250		2,250		2,250		2,250	
1,584 / 1,550		1,584 / 1,550		1,584 / 1,550		1,584 / 1,550	
176		176		176		176	
205		205		205		205	
Foot / Hyd		Foot / Hyd		Foot / Hyd		Foot / Hyd	
Hand / Mech		Hand / Mech		Hand / Mech		Hand / Mech	
24 / 75		24 / 75		12 / 75		12 / 75	
DB58S	D439E	DB58S	D439E	G643(E)		G643(E)	
94 / 2,400	92 / 2,300	94 / 2,400	92 / 2,300	93 / 2,450		93 / 2,450	
69 / 2,400	68 / 2,300	69 / 2,400	68 / 2,300	69 / 2,450		69 / 2,450	
324 / 1,600	324 / 1,600	324 / 1,600	324 / 1,600	297 / 1,400		297 / 1,400	
6 / 5,785	4 / 3,900	6 / 5,785	4 / 3,900	6 / 4,294		6 / 4,294	
Autoshift		Autoshift		Power Shift		Power Shift	
2 / 2		2 / 2		2 / 2		2 / 2	
210		210		210		210	
140		140		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		
					With Load Backrest	With Load Backrest	D/G60S-5
			Tilt Angle				Load Capacities
			Double Pneumatic				Double Pneumatic
					FWD	BWD	LC 600mm
	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
FFT	6,000	4,095	7,275	205	15	10	5,675
	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		
					With Load Backrest	With Load Backrest	D/G70S-5
			Tilt Angle				Load Capacities
			Double Pneumatic				Double Pneumatic
	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	7,000
	6,000	4,095	7,275	205	15	10	7,000
	3,000	2,495	4,275	205	15	10	6,900
	3,500	2,745	4,775	205	15	10	6,900
	3,700	2,845	4,975	205	15	10	6,900
	4,000	2,995	5,275	205	15	10	6,900
	4,500	3,345	5,775	205	15	10	6,900
	5,000	3,595	6,275	205	15	10	6,900
	5,500	3,845	6,775	205	15	10	6,900
	6,000	4,095	7,275	205	15	10	6,900
	FFT	4,550	2,540	5,570	1,580	15	10
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		
			With Load Backrest	With Load Backrest	D80S-5		
					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		
			With Load Backrest	With Load Backrest	D90S-5		
					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.



PRO5

SERIES



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



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

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AUTHORIZED DEALER

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