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7 Series Forklifts

Pneumatic LPG 6 to 7 ton Series



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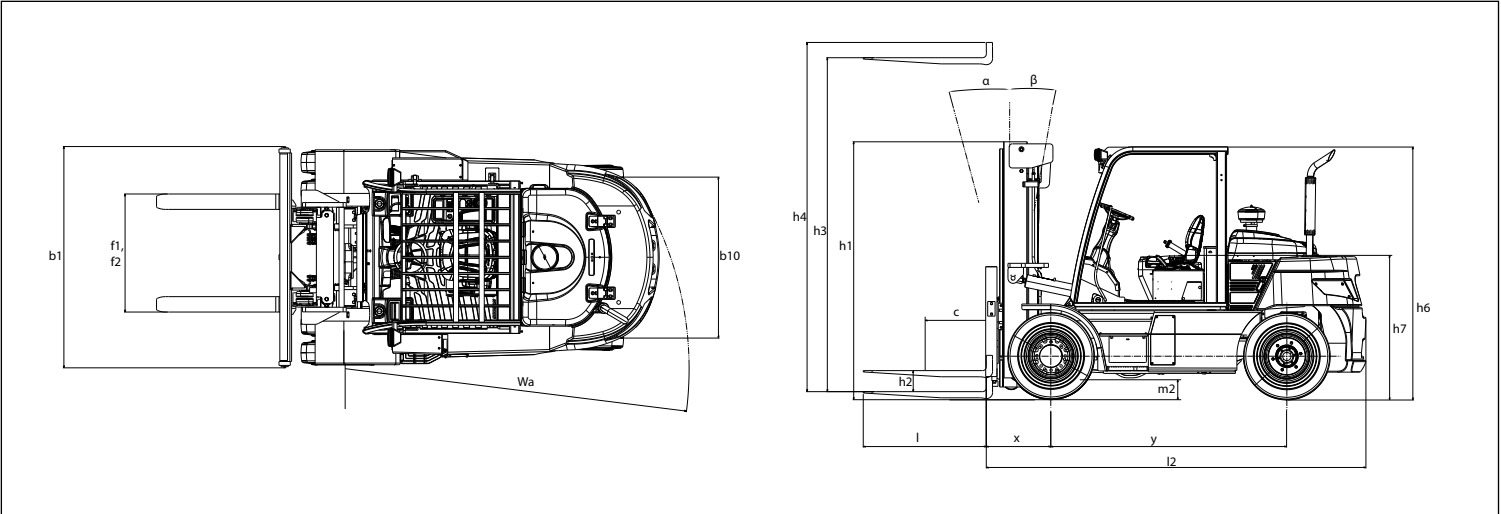
EUG70S-7-160608v1EN (June 2016)

Lifting Your Dreams

GENERAL SPECIFICATIONS

					Tier III		Non Certi		
CHARACTERISTICS	1.1	Manufacturer				Doosan	Doosan	Doosan	Doosan
	1.2	Model				G6oS-7	G7oS-7	G6oS-7	G7oS-7
	1.3	Power type				LPG	LPG	LPG	LPG
	1.4	Operator type				driver-seated	driver-seated	driver-seated	driver-seated
	1.5	Capacity	at rated load center	Q	kg	6,000	7,000	6,000	7,000
	1.6	Load center		c	mm	600	600	600	600
	1.8	Load moment constant		x	mm	632	632	632	632
	1.9	Wheel base		y	mm	2,300	2,300	2,300	2,300
WEIGHT	2.1	Service weight	unloaded		kg	8,745	9,425	8,745	9,425
	2.2	Axle load	loaded, front/rear		kg	13,280 / 1,530	14,615 / 1,875	13,280 / 1,530	14,615 / 1,875
	2.3	Axle load	unloaded, front/rear		kg	4,040 / 4,705	3,835 / 5,590	4,040 / 4,705	3,835 / 5,590
WHEELS AND CHASSIS	3.1	Tires	P=pneumatic, E=solid			P/E	P/E	P/E	P/E
	3.2	Tire size	front			8.25x15-14PR	8.25x15-14PR	8.25x15-14PR	8.25x15-14PR
	3.3	Tire size	rear			8.25x15-14PR	8.25x15-14PR	8.25x15-14PR	8.25x15-14PR
	3.5	Number of wheels	front/rear (x=driven)			x 4/2	x 4/2	x 4/2	x 4/2
	3.6	Track width	front	b10	mm	1,584	1,584	1,584	1,584
	3.7	Track width	rear	b11	mm	1,550	1,550	1,550	1,550
DIMENSIONS	4.1	Tilt mast/fork carriage	forward/backward	α/β	°	15 / 10	15 / 10	15 / 10	15 / 10
	4.2	Closed mast height		h1	mm	2,500	2,500	2,500	2,500
	4.3	Free lift		h2	mm	205	205	205	205
	4.4	Maximum fork height	with STD 2-stage mast	h3	mm	3,000	3,000	3,000	3,000
	4.5	Extended mast height		h4	mm	4,340	4,340	4,340	4,340
	4.7	Height over overhead guard	(cabin)	h6	mm	2,455	2,455	2,455	2,455
	4.8	Seat height		h7	mm	1,455	1,455	1,455	1,455
	4.20	Length to fork face		l2	mm	3,618	3,697	3,618	3,697
	4.21	Overall width		b1	mm	2,108	2,108	2,108	2,108
	4.22	Forks (thickness x width x length)		s,e,l	mm	60 x 180 x 1,200	60 x 180 x 1,200	60 x 180 x 1,200	60 x 180 x 1,200
		Fork spacing	min x max	f1, f2	mm	410 x 2,032	410 x 2,032	410 x 2,032	410 x 2,032
	4.23	Carriage	ISO-class			IV	IV	IV	IV
	4.31	Ground clearance	loaded, at the lowest point	m1	mm	176	176	176	176
	4.32	Ground clearance	loaded, center of wheel base	m2	mm	205	205	205	205
	4.33	Aisle width for pallets 1000x1200, crossways		Ast	mm	5,212	5,262	5,212	5,262
	4.34	Aisle width for pallet 800x1200, lengthways		Ast	mm	5,012	5,062	5,012	5,062
	4.35	Outer turning radius		Wa	mm	3,380	3,430	3,380	3,430
	4.36	Inner turning radius		b13	mm	1,279	1,279	1,279	1,279
	PERFORMANCE	5.1	Travel speed	loaded/unloaded		km/h	22.6 / 23.7	22.5 / 23.4	22.6 / 23.7
5.2		Lift speed	loaded/unloaded		mm/s	380 / 410	380 / 410	380 / 410	380 / 410
5.3		Lowering speed	loaded/unloaded		mm/s	490 / 460	490 / 460	490 / 460	490 / 460
5.5		Drawbar pull	loaded, at 1.6 km/h		kg	4,262	4,236	4,262	4,236
5.7		Gradeability	loaded/unloaded		%	30	26.5	30	26.5
5.10		Service brake				foot / hyd.	foot / hyd.	foot / hyd.	foot / hyd.
	Parking brake				hand / mech.	hand / mech.	hand / mech.	hand / mech.	
IC ENGINE	7.1	Manufacturer/type				PSI 4.3L (Tier III)	PSI 4.3L (Tier III)	PSI 4.3L (Non Certi)	PSI 4.3L (Non Certi)
	7.2	Rated output			kW	70 / 2,500	70 / 2,500	70 / 2,500	70 / 2,500
		Max. torque			Nm/rpm	283.9 / 1,800	283.9 / 1,800	283.9 / 1,800	283.9 / 1,800
	7.4	Cylinders/displacement			cc	6 / 4,294	6 / 4,294	6 / 4,294	6 / 4,294
	7.9	Battery voltage			V	12 / 75	12 / 75	12 / 75	12 / 75
		Transmission type				powershift	powershift	powershif	powershift
		Transmission - number of speeds forward / reverse				2 / 2	2 / 2	2 / 2	2 / 2
	Hydraulic pressure system			bar	190	215	190	215	
10.1	Hydraulic pressure for attachments			bar	140	140	140	140	
Note : Specification values quoted in this specification sheet have been rounded. Performance may vary due to operation conditions. Products and specifications are subject to improvement and change without prior notices.									

DIMENSIONAL DRAWING



MAST SPECIFICATIONS and RATED CAPACITIES

G60S-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities		
					G60S-7		
			With Load Backrest	With Load Backrest	Tilt Angle		Load Capacities
					Double Pneumatic		Double Pneumatic
	mm	mm	mm	mm	FWD	BWD	LC600mm
					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

G70S-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities		
					G70S-7		
			With Load Backrest	With Load Backrest	Tilt Angle		Load Capacities
					Double Pneumatic		Double Pneumatic
	mm	mm	mm	mm	FWD	BWD	LC600mm
					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	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.