



- 🏭 Production Subsidiary
- Sales Subsidiary
- ▲ Parts Depot Center

DOOSAN

G60S-7 / G70S-7

7-SERIES FORKLIFTS

Pneumatic LPG 6.0 to 7.0 ton capacity
Euro Stage V



EUG60S7-220107ENV1 (January 2022)

DOOSAN

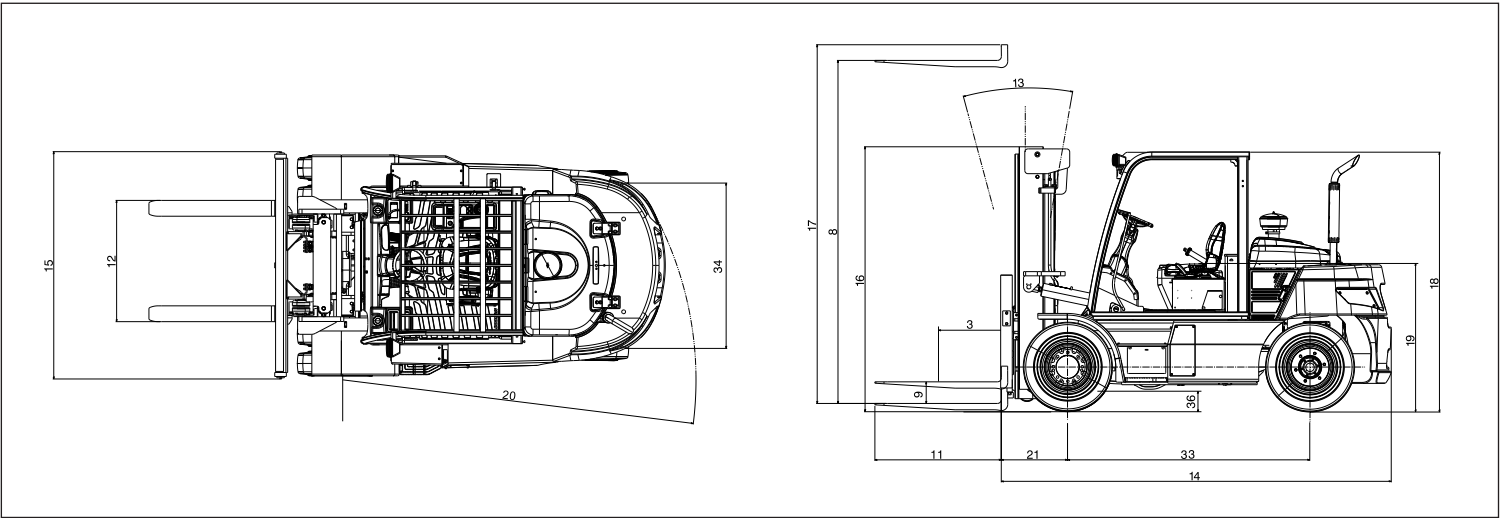
Doosan Industrial Vehicle Europe nv
 Europark-Noord 36A
 9100 Sint-Niklaas
 Belgium
 Tel.: +32 3 760 09 87
 Fax: +32 3 760 09 89
 Website: www.doosan-iv.eu

Authorized Dealer

Technical Data according to VDI 2198

Characteristics	1.1	Manufacturer			Doosan	Doosan	
	1.2	Model			G60S-7	G70S-7	
	1.3	Power type			LPG	LPG	
	1.4	Operator type			driver-seated	driver-seated	
	1.5	Capacity	at rated load center	Q	kg	6,000	7,000
	1.6	Load center		c	mm	600	600
	1.8	Load moment constant		x	mm	632	632
	1.9	Wheel base		y	mm	2,300	2,300
	Weight	2.1	Service weight	unloaded		kg	8,745
2.2		Axle load	loaded, front/rear		kg	13,280 / 1,530	14,615 / 1,875
2.3		Axle load	unloaded, front/rear		kg	4,040 / 4,705	3,835 / 5,590
Tyres	3.1	Tires	P=pneumatic, E=solid			P/E	P/E
	3.2	Tire size	front			8.25x15-14PR	8.25x15-14PR
	3.3	Tire size	rear			8.25x15-14PR	8.25x15-14PR
	3.5	Number of wheels	front/rear (x=driven)			x 4/2	x 4/2
	3.6	Track width	front	b10	mm	1,584	1,584
	3.7	Track width	rear	b11	mm	1,550	1,550
	Dimensions	4.1	Tilt mast/fork carriage	forward/backward	α/β	$^\circ$	15 / 10
4.2		Closed mast height		h1	mm	2,500	2,500
4.3		Free lift		h2	mm	205	205
4.4		Maximum fork height with STD 2-stage mast		h3	mm	3,000	3,000
4.5		Extended mast height		h4	mm	4,340	4,340
4.7		Height overhead guard		h6	mm	2,455	2,455
4.8		Seat height		h7	mm	1,455	1,455
4.20		Length to fork face		l2	mm	3,618	3,697
4.21		Overall width		b1	mm	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
		Fork spacing, min x max		f1, f2	mm	410 x 2,032	410 x 2,032
4.23		Carriage, ISO-class				IV	IV
4.31		Ground clearance, loaded, at the lowest point		m1	mm	176	176
4.32		Ground clearance, loaded, center of wheel base		m2	mm	205	205
4.33		Aisle width for pallets 1000x1200, crossways		Ast	mm	5,212	5,262
4.34		Aisle width for pallet 800x1200, lengthways		Ast	mm	5,012	5,062
4.35	Outer turning radius		Wa	mm	3,380	3,430	
4.36	Inner turning radius		b13	mm	1,279	1,279	
Performance data	5.1	Travel speed, loaded/unloaded			km/h	22.6 / 23.7	22.5 / 23.4
	5.2	Lift speed, loaded/unloaded			mm/s	380 / 410	380 / 410
	5.3	Lowering speed, loaded/unloaded			mm/s	490 / 460	490 / 460
	5.5	Drawbar pull, loaded, at 1.6 km/h			kg	4,262	4,236
	5.7	Gradeability, loaded/unloaded			%	30	26.5
	5.10	Service brake				foot / hyd.	foot / hyd.
		Parking brake				hand / mech.	hand / mech.
Engine	7.1	Manufacturer/type				PSI 4.3L	PSI 4.3L
	7.2	Rated output			kW	70 / 2,500	70 / 2,500
		Max. torque			Nm/rpm	283.9 / 1,800	283.9 / 1,800
	7.4	Cylinders/displacement			cc	6 / 4,294	6 / 4,294
	7.9	Battery voltage			V	12 / 75	12 / 75
		Transmission type				powershift	powershift
		Transmission - number of speeds forward / reverse				2 / 2	2 / 2
Additional data		Hydraulic pressure system			bar	190	215
	10.1	Hydraulic pressure for attachments			bar	140	140

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		
					With Load Backrest	With Load Backrest	Tilt Angle
			Double Pneumatic				Double Pneumatic
			FWD	BWD			LC600mm
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

G70S-7

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

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.