

G45S-7, G50SC-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities							
					G45S-7, G50SC-7							
					Tilt Angle				Load Capacities			
					Single Pneumatics		Double Pneumatics		Single Pneu.		Double Pneumatics	
With Load Backrest	With Load Backrest	FWD	BWD	FWD	BWD	LC 500mm	LC 600mm	LC 500mm	LC 600mm			
		deg	deg	deg	deg	kg	kg	kg	kg			
STD	3,000	2,230	4,420	160	8	10	8	10	5,000	4,570	5,000	4,570
	3,300	2,380	4,720	160	8	10	8	10	5,000	4,570	5,000	4,570
	3,650	2,555	5,070	160	8	10	8	10	5,000	4,570	5,000	4,570
	4,000	2,880	5,420	160	8	10	8	10	5,000	4,570	5,000	4,570
	4,250	3,005	5,670	160	8	10	8	10	5,000	4,570	5,000	4,570
	4,850	3,455	6,270	160	8	5	8	10	4,900	4,480	4,950	4,525
FF	3,000	2,210	4,400	860	8	10	8	10	5,000	4,575	5,000	4,575
FFT	4,000	2,090	5,415	740	8	8	8	8	5,000	4,585	5,000	4,585
	4,250	2,180	5,680	830	8	8	8	8	4,975	4,565	5,000	4,585
	4,700	2,330	6,130	980	8	8	8	8	4,800	4,400	4,850	4,450
	5,150	2,480	6,580	1,130	8	3	8	8	4,650	4,265	4,700	4,310
	5,600	2,630	7,030	1,280	8	3	8	5	4,500	4,125	4,550	4,175
	6,050	2,780	7,480	1,430	8	3	8	3	3,575	3,280	4,025	3,690

G50C-7, G55SC-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities							
					G50C-7, G55SC-7							
					Tilt Angle				Load Capacities			
					Single Pneumatics		Double Pneumatics		Single Pneumatics		Double Pneumatics	
With Load Backrest	With Load Backrest	FWD	BWD	FWD	BWD	LC 500mm	LC 600mm	LC 500mm	LC 600mm			
		deg	deg	deg	deg	kg	kg	kg	kg			
STD	2,750	2,230	4,170	170	8	10	8	10	5,500	5,030	5,500	5,030
	3,050	2,380	4,470	170	8	10	8	10	5,500	5,030	5,500	5,030
	3,400	2,555	4,820	170	8	10	8	10	5,500	5,030	5,500	5,030
	3,750	2,880	5,170	170	8	10	8	10	5,500	5,030	5,500	5,030
	4,000	3,005	5,420	170	8	10	8	10	5,500	5,030	5,500	5,030
	4,600	3,455	6,020	170	8	8	8	10	5,500	5,030	5,500	5,030
FF	2,875	2,210	4,275	870	8	10	8	10	5,500	5,035	5,500	5,035
FFT	3,875	2,090	5,290	750	8	8	8	8	5,500	5,050	5,500	5,050
	4,125	2,180	5,555	840	8	8	8	8	5,500	5,050	5,500	5,050
	4,575	2,330	6,005	990	8	8	8	8	5,375	4,935	5,425	4,980
	5,025	2,480	6,455	1,140	8	5	8	8	5,200	4,775	5,150	4,725
	5,475	2,630	6,905	1,290	8	3	8	5	4,650	4,270	4,750	4,360
	5,925	2,780	7,355	1,440	8	3	8	5	3,625	3,330	3,525	3,235

G55C-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities					
					G55C-7					
					Tilt Angle				Load Capacities	
					Single Pneumatics		Double Pneumatics		Single Pneumatics	Double Pneumatics
With Load Backrest	With Load Backrest	FWD	BWD	FWD	BWD	LC 600mm	LC 600mm			
		deg	deg	deg	deg	kg	kg			
STD	2,750	2,230	4,170	170	8	10	8	10	5,500	5,500
	3,050	2,380	4,470	170	8	10	8	10	5,500	5,500
	3,400	2,555	4,820	170	8	10	8	10	5,500	5,500
	3,750	2,880	5,170	170	8	10	8	10	5,500	5,500
	4,000	3,005	5,420	170	8	10	8	10	5,500	5,500
	4,600	3,455	6,020	170	8	8	8	10	5,400	4,900
FF	2,875	2,210	4,275	870	8	10	8	10	5,500	5,500
FFT	3,875	2,090	5,290	750	8	8	8	8	5,500	5,500
	4,125	2,180	5,555	840	8	8	8	8	5,500	5,500
	4,575	2,330	6,005	990	8	8	8	8	5,500	5,500
	5,025	2,480	6,455	1,140	8	5	8	8	5,150	4,925
	5,475	2,630	6,905	1,290	8	3	8	5	4,500	4,575
	5,925	2,780	7,355	1,440	8	3	8	5	3,500	3,375

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



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



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EUG45S7-191104V2EN (November 2019)

Authorized Dealer



G35S-7 / G40S-7 / G45S-7 / G50C-7 / G55C-7
 G40SC-7 / G45SC-7 / G50SC-7 / G55SC-7

7 SERIES FORKLIFTS

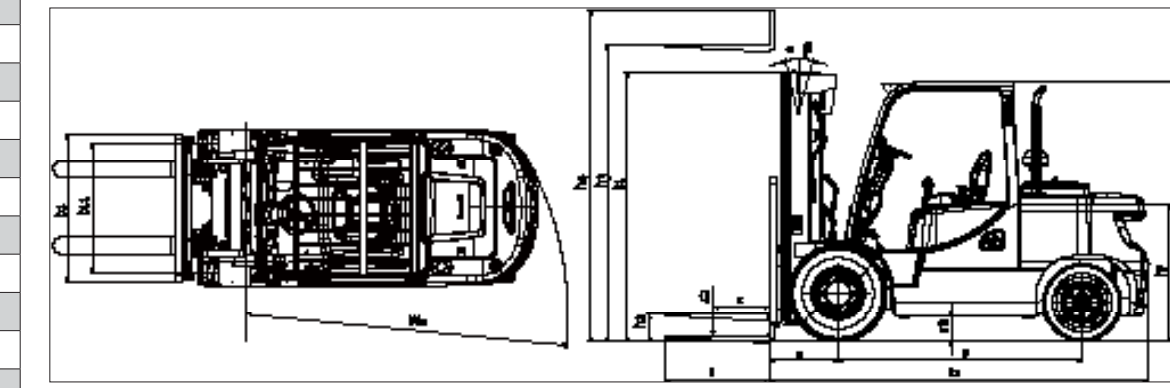
Pneumatic LPG 3.5 to 5.5 ton capacity



GENERAL SPECIFICATIONS

Characteristics	1.1	Manufacturer			Doosan	Doosan	Doosan
	1.2	Model			G35S-7	G40S-7	G45S-7
	1.3	Drive			LPG	LPG	LPG
	1.4	Operator type			Seated	Seated	Seated
Weight	1.5	Load Capacity	Q	kg	3,500	4,000	4,500
	1.6	Load Center	c	mm	600	600	600
	1.8	Load Distance: Center of Driveaxle to fork	x	mm	560	560	560
	1.9	Wheelbase	y	mm	2,000	2,000	2,100
Tyres	2.1	Service weight		kg	5,790	6,180	6,550
	2.2	Axle Loading, loaded, front/rear		kg	8,215/1,075	8,980/1,200	9,800/1,250
	2.3	Axle Loading, unloaded, front/rear		kg	2,685/3,105	2,660/3,520	2,810/3,740
	3.1	Tyres: pneumatic (P), cushion (C)		-	P	P	P
	3.2	Tyre size, Front		-	8.25x15-14PR/ 7.50x16-12PR	300x15-18PR/ 7.50x16-12PR	300x15-18PR/ 7.50x16-12PR
	3.3	Tyre size, Rear		-	7.00x12-12PR	7.00x12-12PR	7.00x12-12PR
	3.5	Wheels, number Front/Rear (x = driven wheels)		-	2x/2	2x/2	2x/2
Dimensions	3.6	Tread, Front	b10	mm	1,138 / 1,290	1,153 / 1,290	1,153 / 1,290
	3.7	Tread, Rear	b11	mm	1,115	1,115	1,115
	4.1	Tilt of Mast/Fork carriage Forward/Backward	α/β	°	8/10	8/10	8/10
	4.2	Height, Mast lowered	h1	mm	2,225	2,230	2,230
	4.3	Free Lift	h2	mm	160	160	160
	4.4	Lift height	h3	mm	3,000	3,000	3,000
	4.5	Height, Mast Extended	h4	mm	4,265	4,270	4,420
	4.7	Height of Overhead Guard(Cabin)	h6	mm	2,225	2,230	2,230
	4.8	Height of Seat	h7	mm	1,248	1,255	1,255
	4.19	Overall Length	l1	mm	4,165	4,215	4,480
	4.20	Length to Forkface	l2	mm	3,115	3,165	3,280
	4.21	Overall Width	b1	mm	1,370	1,455	1,455
	4.22	Fork Dimensions	s/e/l	mm	50x150x1,050	50x150x1,050	50x150x1,200
	4.23	Fork carriage ISO 2328, class/type A,B		-	III	III	IV
	4.24	Fork carriage width	b3	mm	1,250	1,250	1,330
	4.31	Ground Clearance, loaded, below mast	m1	mm	150	160	160
	4.32	Ground Clearance, center of wheelbase	m2	mm	205	205	205
4.34.1	Aisle width for pallets 1,000 x 1,200 crossways	Ast	mm	4,542	4,592	4,637	
4.34.2	Aisle width for pallets 800 x 1,200 crossways	Ast	mm	4,742	4,792	4,837	
4.35	External Turning Radius	Wa	mm	2,782	2,832	2,877	
4.36	Internal Turning Radius	b13	mm	1,007	1,007	1,070	
Performance data	5.1	Travel Speed, Loaded/unloaded		km/h	20/21	19.5/20.5	19.5/20.5
	5.2	Lift Speed, Loaded/unloaded		mm/s	0.50/0.54	0.50/0.54	0.50/0.54
	5.3	Lowering Speed, Loaded/unloaded		mm/s	0.48/0.45	0.48/0.45	0.48/0.45
	5.5	Drawbar pull, Loaded (@ 1.6km/h)		N	29,890	29,380	29,390
	5.6	Max. Drawbar pull, Loaded		N	34,740	34,140	34,320
	5.7	Gradeability, Loaded/unloaded (@ 1.6km/h)		%	34.7/60.0	30.8/54.1	28.2/50.1
Combustion Engine	5.8	Max. Gradeability, Loaded/unloaded		%	41.3/73.4	36.4/65.4	33.1/60.1
	7.1	Engine Manufacturer/type		-	Kubota / WG3800	Kubota / WG3800	Kubota / WG3800
	7.2	Engine power according to DIN ISO1585		kW	69	69	69
	7.3	Rated Speed		min-1	2,500	2,500	2,500
	7.3.1	Torque at 1/min		N·m	290	290	290
	7.4	Number of Cylinders/Displacement	cc	-/cm ³	4/4/3,769	4/4/3,769	4/4/3,769
	7.10	Battery Voltage/normal capacity		V/Ah	12/75	12/75	12/75
Add. Data	10.1	Operating pressure for attachments		bar	140	140	140
	10.2	Oil volume for attachments		l/min	80	80	80

DIMENSIONAL DRAWING



MAST SPECIFICATIONS and RATED CAPACITIES

G35S-7, G40SC-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities							
					G35S-7, G40SC-7							
					Tilt Angle				Load Capacities			
					With Load Backrest		With Load Backrest		Single Pneumatic		Double Pneumatic	
	FWD	BWD	FWD	BWD	LC 500mm	LC600mm	LC500mm	LC600mm				
	deg	deg	deg	deg	kg	kg	kg	kg				
STD	3,000	2,225	4,265	160	8	10	8	10	4,000	3,655	4,000	3,655
	3,300	2,375	4,565	160	8	10	8	10	4,000	3,655	4,000	3,655
	3,650	2,550	4,915	160	8	10	8	10	4,000	3,655	4,000	3,655
	4,000	2,875	5,265	160	8	10	8	10	4,000	3,655	4,000	3,655
	4,250	3,000	5,515	160	8	10	8	10	4,000	3,655	4,000	3,655
	4,850	3,450	6,115	160	8	8	8	10	3,850	3,520	3,875	3,545
FF	3,000	2,205	4,250	1,005	8	10	8	10	4,000	3,660	4,000	3,660
FFT	4,000	2,090	5,265	890	8	8	8	8	3,975	3,645	4,000	3,670
	4,250	2,175	5,530	975	8	8	8	8	3,900	3,575	3,950	3,625
	4,700	2,325	5,980	1,125	8	8	8	8	3,775	3,465	3,800	3,485
	5,150	2,475	6,430	1,275	8	5	8	8	3,650	3,350	3,675	3,370
	5,600	2,625	6,880	1,425	8	3	8	8	3,525	3,235	3,550	3,255
	6,050	2,775	7,330	1,575	8	3	8	5	3,075	2,820	3,450	3,165

G40S-7, G45SC-7

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height	Free Lift	Rated Load Capacities							
					G40S-7, G45SC-7							
					Tilt Angle				Load Capacities			
					With Load Backrest		With Load Backrest		Single Pneumatic		Double Pneumatic	
	FWD	BWD	FWD	BWD	LC 500mm	LC600mm	LC500mm	LC600mm				
	deg	deg	deg	deg	kg	kg	kg	kg				
STD	3,000	2,230	4,270	160	8	10	8	10	4,500	4,115	4,500	4,115
	3,300	2,380	4,570	160	8	10	8	10	4,500	4,115	4,500	4,115
	3,650	2,555	4,920	160	8	10	8	10	4,500	4,115	4,500	4,115
	4,000	2,880	5,270	160	8	10	8	10	4,500	4,115	4,500	4,115
	4,250	3,005	5,520	160	8	10	8	10	4,500	4,115	4,500	4,115
	4,850	3,455	6,120	160	8	8	8	10	4,400	4,025	4,425	4,045
FF	3,000	2,210	4,255	1,010	8	10	8	10	4,500	4,115	4,500	4,115
FFT	4,000	2,090	5,270	890	8	8	8	8	4,500	4,125	4,500	4,125
	4,250	2,180	5,535	980	8	8	8	8	4,475	4,105	4,500	4,125
	4,700	2,330	5,985	1,130	8	8	8	8	4,325	3,965	4,350	3,990
	5,150	2,480	6,435	1,280	8	5	8	8	4,175	3,830	4,225	3,875
	5,600	2,630	6,885	1,430	8	3	8	5	4,050	3,715	4,075	3,740
	6,050	2,780	7,335	1,580	8	3	8	3	3,800	3,485	3,950	3,625

Note : Mast Specifications & Rated Capacities are based on standard chassis with 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.