



PRO5
SERIES

TECHNICAL SPECIFICATIONS

Pneumatic and Cushion Tire Forklift Trucks

G35S / G40S / G45S-5 & G50C / G55C-5
GC35S / GC40S / GC45S-5 & GC50C / GC55C-5
7,000lb to 12,000lb Capacity

PRO5
SERIES



G35S / G40S / G45S-5 & G50C / G55C-5
8,000lb - 12,000lb Capacity
Pneumatic Tire



GC35S / GC40S / GC45S-5 / GC50C / GC55C-5
7,000lb - 12,000lb Capacity
Cushion Tire



PSCG45S5V1

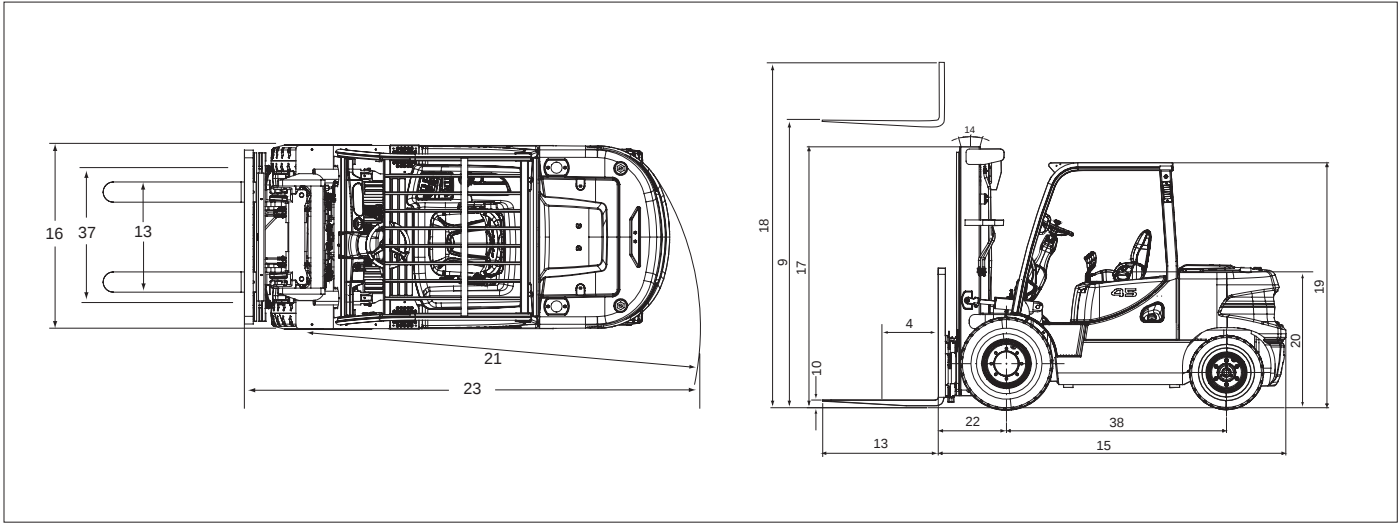


Doosan Industrial Vehicle America Corp.
2475 Mill Center Parkway Suite 400
Buford, GA 30518
Tel: 678-745-2200 Fax: 678-745-2250
www.doosanlift.com

AUTHORIZED DEALER

Product and specifications are subject to change without notice.

DIMENSIONAL DRAWING



MAST SPECIFICATIONS AND RATED CAPACITIES

Pneumatic Tire

G35S-5, G40SC-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities									
									G35S-5, G40SC-5									
									Tilt Angle				Load Capacities					
									Single Pneu.		Double Pneu.		Single Pneu.			Double Pneu.		
									FWD	BWD	FWD	BWD	LC500mm	LC24in	LC500mm	LC24in	LC500mm	LC24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	deg	deg	kg	kg	lb	kg	kg	lb
STD	3000	118	2225	88	4265	168	160	6	8	10	8	10	4000	3655	8000	4000	3655	8000
	3300	130	2375	94	4565	180	160	6	8	10	8	10	4000	3655	8000	4000	3655	8000
	3650	144	2550	100	4915	194	160	6	8	10	8	10	4000	3655	8000	4000	3655	8000
	4000	157	2875	113	5265	207	160	6	8	10	8	10	4000	3655	8000	4000	3655	8000
	4250	167	3000	118	5515	217	160	6	8	10	8	10	4000	3655	8000	4000	3655	8000
	4850	191	3450	136	6115	241	160	6	8	8	8	10	3850	3520	7700	3875	3545	7750
FF	3000	118	2205	87	4250	167	1005	40	8	10	8	10	4000	3660	8000	4000	3660	8000
FFT	4000	157	2090	82	5265	207	890	35	8	8	8	8	3975	3645	7950	4000	3670	8000
	4250	167	2175	86	5530	218	975	38	8	8	8	8	3900	3575	7800	3950	3625	7900
	4700	185	2325	92	5980	235	1125	44	8	8	8	8	3775	3465	7550	3800	3485	7600
	5150	203	2475	97	6430	253	1275	50	8	5	8	8	3650	3350	7300	3675	3370	7350
	5600	220	2625	103	6880	271	1425	56	8	3	8	8	3525	3235	7050	3550	3255	7100
	6050	238	2775	109	7330	289	1575	62	8	3	8	5	3075	2820	6150	3450	3165	6900

G40S-5, G45SC-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities									
									G40S-5, G45SC-5									
									Tilt Angle				Load Capacities					
									Single Pneu.		Double Pneu.		Single Pneu.			Double Pneu.		
									FWD	BWD	FWD	BWD	LC500mm	LC24in	LC500mm	LC24in	LC500mm	LC24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	deg	deg	kg	kg	lb	kg	kg	lb
STD	3000	118	2230	88	4270	168	160	6	8	10	8	10	4500	4115	9000	4500	4115	9000
	3300	130	2380	94	4570	180	160	6	8	10	8	10	4500	4115	9000	4500	4115	9000
	3650	144	2555	101	4920	194	160	6	8	10	8	10	4500	4115	9000	4500	4115	9000
	4000	157	2880	113	5270	207	160	6	8	10	8	10	4500	4115	9000	4500	4115	9000
	4250	167	3005	118	5520	217	160	6	8	10	8	10	4500	4115	9000	4500	4115	9000
	4850	191	3455	136	6120	241	160	6	8	8	8	10	4400	4025	8800	4425	4045	8850
FF	3000	118	2210	87	4255	168	1010	40	8	10	8	10	4500	4115	9000	4500	4115	9000
FFT	4000	157	2090	82	5270	207	890	35	8	8	8	8	4500	4125	9000	4500	4125	9000
	4250	167	2180	86	5535	218	980	39	8	8	8	8	4475	4105	8950	4500	4125	9000
	4700	185	2330	92	5985	236	1130	44	8	8	8	8	4325	3965	8650	4350	3990	8700
	5150	203	2480	98	6435	253	1280	50	8	5	8	5	4175	3830	8350	4225	3875	8450
	5600	220	2630	104	6885	271	1430	56	8	3	8	3	4050	3715	8100	4075	3740	8150
	6050	238	2780	109	7335	289	1580	62	8	3	8	3	3800	3485	7600	3750	3440	7500

G45S-5, G50SC-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities									
									G45S-5, G50SC-5									
									Tilt Angle				Load Capacities					
									Single Pneu.		Double Pneu.		Single Pneu.			Double Pneu.		
									FWD	BWD	FWD	BWD	LC500mm	LC24in	LC500mm	LC24in	LC500mm	LC24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	deg	deg	kg	kg	lb	kg	kg	lb
STD	3000	118	2230	88	4420	174	160	6	8	10	8	10	5000	4570	10000	5000	4570	10000
	3300	130	2380	94	4720	186	160	6	8	10	8	10	5000	4570	10000	5000	4570	10000
	3650	144	2555	101	5070	200	160	6	8	10	8	10	5000	4570	10000	5000	4570	10000
	4000	157	2880	113	5420	213	160	6	8	10	8	10	5000	4570	10000	5000	4570	10000
	4250	167	3005	118	5670	223	160	6	8	10	8	10	5000	4570	10000	5000	4570	10000
	4850	191	3455	136	6270	247	160	6	8	5	8	10	4900	4480	9800	4700	4295	9400
FF	3000	118	2210	87	4400	173	860	34	8	10	8	10	5000	4575	10000	5000	4575	10000
FFT	4000	157	2090	82	5415	213	740	29	8	8	8	8	5000	4585	10000	5000	4585	10000
	4250	167	2180	86	5680	224	830	33	8	8	8	8	4975	4565	9950	5000	4585	10000
	4700	185	2330	92	6130	241	980	39	8	8	8	8	4800	4400	9600	4850	4450	9700
	5150	203	2480	98	6580	259	1130	44	8	3	8	8	4650	4265	9300	4525	4150	9050
	5600	220	2630	104	7030	277	1280	50	8	3	8	5	4500	4125	9000	4125	3785	8250
	6050	238	2780	109	7480	294	1430	56	8	3	8	3	3575	3280	7150	3575	3280	7150

G50S-5, G55SC-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities									
									G50S-5, G55SC-5									
					With Load Backrest		With Load Backrest		Tilt Angle				Load Capacities					
									Single Pneu.		Double Pneu.		Single Pneu.			Double Pneu.		
									FWD	BWD	FWD	BWD		LC600mm	LC24in	LC500mm		LC24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	deg	deg	kg	kg	lb	kg	kg	lb
STD	2750	108	2230	88	4170	164	170	7	8	10	8	10	5500	5030	11000	5500	5030	11000
	3050	120	2380	94	4470	176	170	7	8	10	8	10	5500	5030	11000	5500	5030	11000
	3400	134	2555	101	4820	190	170	7	8	10	8	10	5500	5030	11000	5500	5030	11000
	3750	148	2880	113	5170	204	170	7	8	10	8	10	5500	5030	11000	5500	5030	11000
	4000	157	3005	118	5420	213	170	7	8	10	8	10	5500	5030	11000	5500	5030	11000
	4600	181	3455	136	6020	237	170	7	8	8	8	10	5500	5030	11000	5125	4690	10300
FF	2875	113	2210	87	4275	168	870	34	8	10	8	10	5500	5035	11000	5500	5035	11000
FFT	3875	153	2090	82	5290	208	750	30	8	8	8	8	5500	5050	11000	5500	5050	11000
	4125	162	2180	86	5555	219	840	33	8	8	8	8	5500	5050	11000	5500	5050	11000
	4575	180	2330	92	6005	236	990	39	8	8	8	8	5375	4935	10850	5425	4980	10950
	5025	198	2480	98	6455	254	1140	45	8	5	8	8	5200	4775	10500	4600	4220	9300
	5475	216	2630	104	6905	272	1290	51	8	3	8	5	4650	4270	9400	4200	3855	8500
	5925	233	2780	109	7355	290	1440	57	8	3	8	5	3625	3330	7300	3275	3005	6600

MAST SPECIFICATIONS AND RATED CAPACITIES

Cushion Tire

GC35S-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities			
									GC35S-5			
									Tilt Angle		Load Capacities	
									Narrow		Narrow	
									FWD	BWD	LC500mm	LC24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb
STD	3000	118.1	2195	86.4	4265	167.9	160	6.3	5	6	3500	7000
	3300	129.9	2345	92.3	4565	179.7	160	6.3	5	6	3500	7000
	3650	143.7	2520	99.2	4915	193.5	160	6.3	5	6	3500	7000
	4000	157.5	2845	112.0	5265	207.3	160	6.3	5	6	3500	7000
	4250	167.3	2970	116.9	5515	217.1	160	6.3	5	6	3450	7000
	4850	190.9	3420	134.6	6115	240.7	160	6.3	5	6	3275	6650
FF	3000	118.1	2175	85.6	4250	167.3	975	38.4	5	6	3500	7000
FFT	4000	157.5	2060	81.1	5265	207.3	860	33.9	5	6	3375	6850
	4250	167.3	2145	84.4	5530	217.7	945	37.2	5	6	3325	6750
	4700	185.0	2295	90.4	5980	235.4	1095	43.1	5	6	3200	6500
	5150	202.8	2445	96.3	6430	253.1	1245	49.0	5	6	3100	6300
	5600	220.5	2595	102.2	6880	270.9	1395	54.9	5	6	2975	6100
	6050	238.2	2745	108.1	7330	288.6	1545	60.8	5	6	2775	5850

GC40S-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities			
									GC40S-5			
									Tilt Angle		Load Capacities	
									Narrow		Narrow	
									FWD	BWD	LC500mm	LC24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb
STD	3000	118.1	2195	86.4	4265	167.9	160	6.3	5	6	4000	8000
	3300	129.9	2345	92.3	4565	179.7	160	6.3	5	6	4000	8000
	3650	143.7	2520	99.2	4915	193.5	160	6.3	5	6	4000	8000
	4000	157.5	2845	112.0	5265	207.3	160	6.3	5	6	4000	8000
	4250	167.3	2970	116.9	5515	217.1	160	6.3	5	6	3950	8000
	4850	190.9	3420	134.6	6115	240.7	160	6.3	5	6	3700	7550
FF	3000	118.1	2175	85.6	4250	167.3	975	38.4	5	6	4000	8000
FFT	4000	157.5	2060	81.1	5265	207.3	860	33.9	5	6	3900	7900
	4250	167.3	2145	84.4	5530	217.7	945	37.2	5	6	3825	7800
	4700	185.0	2295	90.4	5980	235.4	1095	43.1	5	6	3700	7500
	5150	202.8	2445	96.3	6430	253.1	1245	49.0	5	6	3575	7300
	5600	220.5	2595	102.2	6880	270.9	1395	54.9	5	6	3450	7050
	6050	238.2	2745	108.1	7330	288.6	1545	60.8	5	6	2675	6050

GC45S-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities			
									GC45S-5			
									Tilt Angle		Load Capacities	
									Narrow		Narrow	
									FWD	BWD	LC600mm	LC24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb
STD	3000	118.1	2195	86.4	4415	173.8	160	6.3	5	6	4500	10000
	3300	129.9	2345	92.3	4715	185.6	160	6.3	5	6	4500	10000
	3650	143.7	2520	99.2	5065	199.4	160	6.3	5	6	4500	10000
	4000	157.5	2845	112.0	5415	213.2	160	6.3	5	6	4500	10000
	4250	167.3	2970	116.9	5665	223.0	160	6.3	5	6	4500	10000
	4850	190.9	3420	134.6	6265	246.7	160	6.3	5	6	4375	9550
FF	3000	118.1	2175	85.6	4400	173.2	825	32.5	5	6	4500	10000
FFT	4000	157.5	2055	80.9	5415	213.2	705	27.8	5	6	4500	9850
	4250	167.3	2145	84.4	5680	223.6	795	31.3	5	6	4425	9700
	4700	185.0	2295	90.4	6130	241.3	945	37.2	5	6	4275	9400
	5150	202.8	2445	96.3	6580	259.1	1095	43.1	5	6	4150	9100
	5600	220.5	2595	102.2	7030	276.8	1245	49.0	5	6	4025	8800
	6050	238.2	2745	108.1	7480	294.5	1395	54.9	5	6	3900	8550

GC50C-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities			
									GC50C-5			
									Tilt Angle		Load Capacities	
									Narrow		Narrow	
									FWD	BWD	LC600mm	LC24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb
STD	2750	108.3	2195	86.4	4165	164.0	170	6.7	5	6	5000	11000
	3050	120.1	2345	92.3	4465	175.8	170	6.7	5	6	5000	11000
	3400	133.9	2520	99.2	4815	189.6	170	6.7	5	6	5000	11000
	3750	147.6	2845	112.0	5165	203.3	170	6.7	5	6	5000	11000
	4000	157.5	2970	116.9	5415	213.2	170	6.7	5	6	5000	11000
	4600	181.1	3420	134.6	6015	236.8	170	6.7	5	6	4950	10850
FF	2875	113.2	2175	85.6	4275	168.3	835	32.9	5	6	5000	11000
FFT	3875	152.6	2055	80.9	5290	208.3	715	28.1	5	6	5000	11000
	4125	162.4	2145	84.4	5555	218.7	805	31.7	5	6	4975	10900
	4575	180.1	2295	90.4	6005	236.4	955	37.6	5	6	4825	10550
	5025	197.8	2445	96.3	6455	254.1	1105	43.5	5	6	4675	10250
	5475	215.6	2595	102.2	6905	271.8	1255	49.4	5	6	4525	9900
	5925	233.3	2745	108.1	7355	289.6	1405	55.3	5	6	4400	9600

GC55C-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities			
									GC55C-5			
									Tilt Angle		Load Capacities	
									Narrow		Narrow	
									FWD	BWD	LC600mm	LC24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb
STD	2750	108.3	2195	86.4	4165	164.0	170	6.7	5	6	5500	12100
	3050	120.1	2345	92.3	4465	175.8	170	6.7	5	6	5500	12100
	3400	133.9	2520	99.2	4815	189.6	170	6.7	5	6	5500	12100
	3750	147.6	2845	112.0	5165	203.3	170	6.7	5	6	5500	12100
	4000	157.5	2970	116.9	5415	213.2	170	6.7	5	6	5500	12100
	4600	181.1	3420	134.6	6015	236.8	170	6.7	5	6	5400	11800
FF	2875	113.2	2175	85.6	4275	168.3	835	32.9	5	6	5500	12100
FFT	3875	152.6	2055	80.9	5290	208.3	715	28.1	5	6	5500	12100
	4125	162.4	2145	84.4	5555	218.7	805	31.7	5	6	5425	11850
	4575	180.1	2295	90.4	6005	236.4	955	37.6	5	6	5250	11500
	5025	197.8	2445	96.3	6455	254.1	1105	43.5	5	6	5100	11150
	5475	215.6	2595	102.2	6905	271.8	1255	49.4	5	6	4950	10850
	5925	233.3	2745	108.1	7355	289.6	1405	55.3	5	6	4800	10500

