



TECHNICAL SPECIFICATIONS

Pneumatic Forklift Trucks

G15S/G18S/20SC-5

G20E / G25E / G30E-5

G20P / G25P / G30P / G33P-5 & G35C-5

G20P / G25P / G30P / G33P-5 & G35C-5 PLUS

3,000lb to 7,000lb Capacity

PRO5
SERIES



3,000/3,500/4,000/5,000/6,000/6,500/7,000 lb Capacities

Engine Powered Forklift Trucks

MAIN VEHICLE SPECIFICATIONS

Pneumatic Tire, LP

CHARACTERISTICS	1	Manufacture				DOOSAN	DOOSAN	DOOSAN	
	2	Model				G15S-5	G18S-5	G20SC-5	
	3	Load Capacity		at rated load center	lb(kg)	3,000 (1,500)	3,500 (1,750)	4,000 (2,000)	
	4	Load Center			in(mm)	24 (500)	24 (500)	24 (500)	
	5	Power type		Elec, Diesel, LPG, Gasoline		LP	LP	LP	
	6	Operator type				driver seated	driver seated	driver seated	
	7	Tire type		P:Pnu, E:Solid Soft, C: Cush		P	P	P	
	8	Wheels (x=Driven)		Front / Rear		X 2 / 2	X 2 / 2	X 2 / 2	
DIMENSIONS	9	Max. Fork Height		with STD 2-stage mast		in(mm)	129.9 (3,300)	129.9 (3,300)	129.9 (3,300)
	10	Free Lift				in(mm)	5.3 (135)	5.3 (135)	5.5 (140)
	12	Fork Carriage		ISO Class		II	II	II	
	13	Forks	Length x Width x Thickness		in (mm)	35.4x3.9x1.4 (900x100x35)	35.4x3.9x1.4 (900x100x35)	35.4x3.9x1.6 (900x100x40)	
			Fork Spacing(Min x Max)		in (mm)	9.5x35.6 (240x905)	9.5x35.6 (240x905)	9.5x35.6 (240x905)	
	14	Tilt of Mast		Forward / Backward		deg	6 / 8	6 / 8	6 / 8
	15	Overall Dimensions		Length to Fork Face		in(mm)	85.4 (2,170)	87.2 (2,215)	88.6 (2,250)
	Overall Width			Single	in(mm)	42.1 (1,070)	42.1 (1,070)	42.1 (1,070)	
				Dual	in(mm)	-	-	-	
	17			Mast Lowered Height		in(mm)	86 (2,185)	86 (2,185)	86 (2,185)
	18			Mast Extended Height		in(mm)	171.5 (4,355)	171.5 (4,355)	171.7 (4,360)
	19			Overhead Guard Height		in(mm)	85.4 (2,170)	85.4 (2,170)	85.4 (2,170)
	20			Seat Height		in(mm)	39.6 (1,005)	39.6 (1,005)	39.6 (1,005)
	21	Turning Radius		Minimum outside		in(mm)	77.8 (1,977)	79.6 (2,022)	80.7 (2,050)
	22	Load Moment Center				in(mm)	15.5 (394)	15.5 (394)	15.7 (399)
23	Aisle 90 degree stacking(add load length & clearance)				in(mm)	92.9 (2,360)	94.4 (2,398)	95.4 (2,422)	
PERFORMANCE	24	Travel Speed		Loaded / Unloaded		mph (km/h)	11.2 / 11.8 (18 / 19)	11.2 / 11.8 (18 / 19)	11.2 / 11.8 (18 / 19)
	25	Lifting Speed		Loaded / Unloaded		fpm (mm/s)	118.1 / 128.0 (600 / 650)	118.1 / 128.0 (600 / 650)	118.1 / 128.0 (600 / 650)
	26	Lowering Speed		Loaded / Unloaded		fpm (mm/s)	98.4 / 88.6 (500 / 450)	98.4 / 88.6 (500 / 450)	98.4 / 88.6 (500 / 450)
	28	Max. drawbar pull		Loaded at 1.0 mph (1.6km / h)		lb(kg)	3,174.7(1,440)	3,152.6(1,430)	3,130.6(1,420)
	30	Max. gradeability		Loaded at 1.0 mph (1.6km / h)		%	35.5	31.0	28.5
WEIGHT	32	Total Service Weight, Unloaded				lb(kg)	6,172.9 (2,800)	6,635.9 (3,010)	6,988.6 (3,170)
	33	Axle Load	Loaded, Front / Rear		lb (kg)	8,322.4 / 1,157.4 (3,775 / 525)	9,127.2 / 1,366.9 (4,140 / 620)	9,946.9 / 1,433 (4,520 / 650)	
	34		Unloaded, Front / Rear		lb (kg)	2,910.1 / 3,273.9 (1,320 / 1,485)	2,799.9 / 3,836 (1,270 / 1,740)	2,722.2 / 4,265.9 (1,235 / 1,935)	
CHASSIS	35	Tires		Number of wheels(F / R)			2 / 2	2 / 2	2 / 2
	Size, Front				6.50x10-12	6.50x10-12	6.50x10-12		
	Size, Rear				5.00x8-10	5.00x8-10	5.00x8-10		
	38	Wheel Base		Distance		in(mm)	55.1 (1,400)	55.1 (1,400)	55.1 (1,400)
	39	Tread Width		Front / Rear		in (mm)	35.0 / 35.8 (890 / 910)	35.0 / 35.8 (890 / 910)	35.0 / 35.8 (890 / 910)
	40	Ground Clearance		Loaded at the lowest point		in(mm)	4.7 (120)	4.7 (120)	4.7 (120)
	Loaded at center of wheelbase			in(mm)	5.9 (150)	5.9 (150)	5.9 (150)		
	42	Brakes		Service			Foot / Hyd	Foot / Hyd	Foot / Hyd
	Parking				Hand / Mech	Hand / Mech	Hand / Mech		
POWER TRAIN	45	Battery		Voltage / Ampere		V / AH	12 / 45	12 / 45	12 / 45
	49	Engine		Model			G424I(E)	G424I(E)	G424I(E)
	Rated Power(DIN)				HP/rpm	45.5 / 2,450	45.5 / 2,450	45.5 / 2,450	
					kW/rpm	33.9 / 2,450	33.9 / 2,450	33.9 / 2,450	
	Maximum Torque				lb·ft/rpm	109.2 / 1,600	109.2 / 1,600	109.2 / 1,600	
					kg·m/rpm	15.1 / 1,600	15.1 / 1,600	15.1 / 1,600	
	52			Cylinders / Displacement		in(cc)	4 / 144 (2,359)	4 / 144 (2,359)	4 / 144 (2,359)
	55	Transmission		Type			powershift	powershift	powershift
Number of Speeds (Fwd / Rev)					1 / 1	1 / 1	1 / 1		
57	Hydraulic Pressure		System		psi(bar)	2,552 (176)	2,880 (199)	3,132 (216)	
			Attachment		psi(bar)	2,552 (176)	2,880 (199)	3,132 (216)	

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.

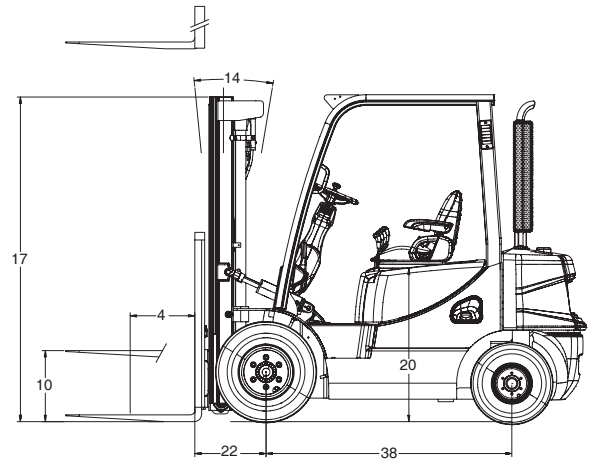
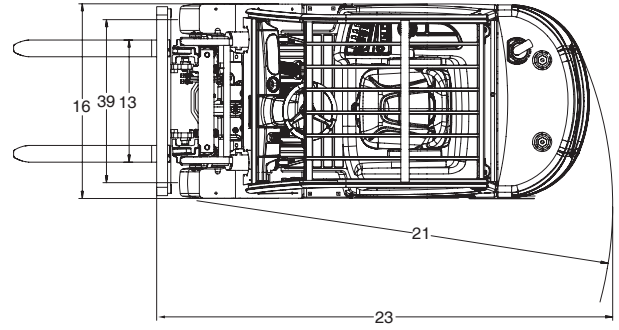
Engine Powered Forklift Trucks

Pneumatic Tire, LP

1	DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN	DOOSAN
2	G20E-5	G25E-5	G30E-5	G20P-5	G25P-5	G30P-5	G33P-5	G35C-5	G20P-5 PLUS
3	4,000 (2,000)	5,000 (2,500)	6,000 (3,000)	4,000(2,000)	5,000(2,500)	6,000(3,000)	6,500(3,250)	7,000(3,500)	4,000 (2,000)
4	24 (500)	24 (500)	24 (500)	24(500)	24(500)	24(500)	24(500)	24(500)	24 (500)
5	LP	LP	LP	LPG	LPG	LPG	LPG	LPG	LP
6	driver seated	driver seated	driver seated	rider-seated	rider-seated	rider-seated	rider-seated	rider-seated	driver seated
7	P	P	P	p	p	p	p	p	P
8	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2
9	127.2 (3,230)	127.2 (3,230)	127.2 (3,230)	127.2(3,230)	127.2(3,230)	127.2(3,230)	127.2(3,230)	118.1(3,000)	127.2 (3,230)
10	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)	6 (152)
12	II	II	III	II	II	III	III	III	II
13	41.3x3.9x1.6 (1,050x100x40)	41.3x3.9x1.6 (1,050x100x40)	41.3x4.9x1.8 (1,050x125x45)	41.3x3.9x1.6 (1,050x100x40)	41.3x3.9x1.6 (1,050x100x40)	41.3x4.9x1.8 (1,050x125x45)	41.3x4.9x1.8 (1,050x125x45)	41.3x4.9x1.8 (1,050x125x45)	41.3x3.9x1.6 (1,050x100x40)
	10.8 / 40.7 (275x1,035)	10.8 / 40.7 (275x1,035)	11.3 / 41.1 (286x1,044)	10.8x40.7 (275x1,035)	10.8x40.7 (275x1,035)	11.3x41.1 (286x1,044)	11.3x41.1 (286x1,044)	11.3x41.1 (286x1,044)	10.8 / 40.7 (275x1,035)
	6 / 10	6 / 10	6 / 10	6/10	6/10	6/10	6/10	6/10	6 / 10
15	99.6 (2,530)	102.2 (2,595)	106.3 (2,700)	99.6(2,530)	102.2(2,595)	106.3(2,700)	107.5(2,730)	108.9(2,765)	99.6 (2,530)
16	46.1 (1,170)	46.1 (1,170)	47.1 (1,197)	46.1(1,170)	46.1(1,170)	47.1(1,197)	47.1(1,197)	49.4(1,255)	46.1 (1,170)
	64.0(1,625)	64.0(1,625)	64.0 (1,625)	64.0(1,625)	64.0(1,625)	64.0(1,625)	64.0(1,625)	64.0(1,625)	64.0(1,625)
17	85.6 (2,175)	85.6 (2,175)	85.2 (2,165)	85.6(2,175)	85.6(2,175)	85.2(2,165)	85.2(2,165)	85.2(2,165)	85.6 (2,175)
18	176.8 (4,490)	176.8 (4,490)	176.8 (4,490)	176.8(4,490)	176.8(4,490)	176.8(4,490)	176.8(4,490)	167.7(4,260)	176.8 (4,490)
19	86.0 (2,183)	86.0 (2,183)	86.0 (2,183)	85.9(2,183)	85.9(2,183)	85.9(2,183)	85.9(2,183)	85.9(2,183)	86.0 (2,183)
20	40.4 (1,026)	40.4 (1,026)	40.4 (1,026)	40.4(1,026)	40.4(1,026)	40.4(1,026)	40.4(1,026)	40.4(1,026)	40.4 (1,026)
21	87.4 (2,220)	89.1 (2,265)	93.1 (2,365)	87.4(2,220)	87.4(2,220)	93.1(2,365)	94.3(2,395)	95.3(2,420)	87.4 (2,220)
22	18.9 (480)	18.9 (480)	19.1 (485)	18.9(480)	18.9(480)	19.1(485)	19.1(485)	19.5(495)	18.9 (480)
23	106.3 (2,700)	108.0 (2,745)	112.2 (2,850)	106.3(2,700)	106.3(2,700)	112.2(2,850)	113.4(2,880)	114.8(2,915)	106.3 (2,700)
24	11.8 / 12.4 (19 / 20)	11.8 / 12.4 (19 / 20)	11.2 / 11.8 (18 / 19)	12.1/12.7 (19.5/20.5)	12.1/12.7 (19.5/20.5)	11.2/12.1 (18.5/19.5)	11.2/12.1 (18.5/19.5)	11.8/12.4 (19.0/20.0)	11.8 / 12.4 (19 / 20)
25	104.4 / 118.1 (530 / 600)	100.4 / 118.1 (510 / 600)	98.5 / 118.1 (500 / 600)	112.2/120.1 (570/610)	110.2/120.1 (560/610)"	108.3/120.1 (550/610)	112.2/126.0 (570/640)	108.3/126.0 (550/640)	104.4 / 118.1 (530 / 600)
26	100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)	100.4 / 90.6 (510 / 460)	100.4/90.6 (510/460)	100.4/90.6 (510/460)	100.4/90.6 (510/460)	100.4/90.6 (510/460)	100.4/90.6 (510/460)	100.4 / 90.6 (510 / 460)
28	3,968.3 (1,800)	3,924.2 (1,780)	4,100.6 (1,860)	3,549.4(1,610)	3,505.3(1,590)	3,659.7(1,660)	3,637.6(1,650)	3,527.4(1,600)	4,012.4 (1,820)
30	34	28.5	26	30.5	25.5	23.0	22.0	20.0	34.5
32	7,870.5 (3,570)	8,686.2 (3,940)	9,656.2 (4,380)	7980.7(3620)	8796.4(3990)	9766.5(4430)	10163.3(4610)	10582.2(4800)	7,870.5 (3,570)
33	10,890.8 / 1,389 (4,940 / 630)	12,500.2 / 1,697.6 (5,670 / 770)	13,911.2 / 2,314.5 (6,540 / 840)	10,979/1,411 (4,980/640)	12,588/1,720 (5,710/780)	14,506/1,874 (6,580/850)	15,278/2,050 (6,930/930)	16,182/2,116 (7,340/960)	10,890.8 / 1,389 (4,940 / 630)
34	3,814 / 4,056.7 (1,730 / 1,840)	3,659.7 / 5,026.6 (1,660 / 2,280)	3,968.3 / 5,687.9 (1,800 / 2,580)	3,858/4,101 (1,750/1,860)	3,704/5,093 (1,680/2,310)	4,034/5,732 (1,830/2,600)	4,012/6,371 (1,820/2,890)	3,968/6,614 (1,800/3,000)	3,814 / 4,056.7 (1,730 / 1,840)
35	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2	2 / 2
36	7.00x15-12	7.00x15-12	28x9x15-12	7.00x15-12	7.00x15-12	28x9x15-12	28x9x15-12	250x15-18	7.00x15-12
37	6.50x10-10	6.50x10-10	6.50x10-10	6.50x10-10	6.50x10-10	6.50x10-10	6.50x10-12	6.50x10-12	6.50x10-10
38	64 (1,625)	64 (1,625)	66.9 (1,700)	64(1625)	64(1625)	66.9(1700)	66.9(1700)	66.9(1700)	64 (1,625)
39	38.4 / 39.4 (975 / 1,000)	38.4 / 39.4 (975 / 1,000)	38.7 / 39.4 (982 / 1,000)	38.4/39.4 (975/1,000)	38.4/39.4 (975/1,000)	38.7/39.4 (982/1,000)	38.7/39.4 (982/1,000)	40.4/39.4 (1,026/1,000)	38.4 / 39.4 (975 / 1,000)
40	4.5 (115)	4.5 (115)	4.1 (105)	4.5(115)	4.5(115)	4.1(105)	4.1(105)	4.1(105)	4.5 (115)
41	5.6 (143)	5.6 (143)	5.6 (143)	5.6(143)	5.6(143)	5.6(143)	5.6(143)	5.6(143)	5.6 (143)
42	Foot / Hyd	Foot / Hyd	Foot / Hyd	foot/hyd	foot/hyd	foot/hyd	foot/hyd	foot/hyd	Foot / Hyd
43	Hand / Mech	Hand / Mech	Hand / Mech	hand/mech	hand/mech	hand/mech	hand/mech	hand/mech	Hand / Mech
45	12 / 45	12 / 45	12 / 45	12/65	12/65	12/65	12/65	12/65	12 / 65
49	G424I(E)	G424I(E)	G424I(E)	G424PE	G424PE	G424PE	G424PE	G424PE	G430FE
50	65.3 / 2,600	65.3 / 2,600	65.3 / 2,600	65.6/2,600	65.6/2,600	65.6/2,600	65.6/2,600	65.6/2,600	66.3 / 2,600
	48.7 / 2,600	48.7 / 2,600	48.7 / 2,600	48.9/2,600	48.9/2,600	48.9/2,600	48.9/2,600	48.9/2,600	49.5 / 2,600
51	137.2 / 1,900	137.2 / 1,900	137.2 / 1,900	135.1/2000	135.1/2000	135.1/2000	135.1/2000	135.1/2000	149.7 / 1,600
	19.0 / 1,900	19.0 / 1,900	19.0 / 1,900	18.7/2000	18.7/2000	18.7/2000	18.7/2000	18.7/2000	20.7 / 1,600
52	4 / 144 (2,359)	4 / 144 (2,359)	4 / 144 (2,359)	4/4/143(2,351)	4/4/143(2,351)	4/4/143(2,351)	4/4/143(2,351)	4/4/143(2,351)	4 / 181 (2,967)
55	powershift	powershift	powershift	powershift	powershift	powershift	powershift	powershift	powershift
	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
57	2,624.5 (181)	2,827.5 (195)	3,132 (216)	2,625(181)	2,828(195)	3,132(216)	3,132(216)	3,132(216)	2,624.5 (181)
	2,262 (156)	2,262 (156)	2,262 (156)	2,262(156)	2,262(156)	2,262(156)	2,262(156)	2,262(156)	2,262 (156)

DIMENSIONAL DRAWINGS

1	DOOSAN	DOOSAN	DOOSAN	DOOSAN
2	G25P-5 PLUS	G30P-5 PLUS	G33P-5 PLUS	G35C-5 PLUS
3	5,000 (2,500)	6,000 (3,000)	6,500 (3,250)	7,000 (3,500)
4	24 (500)	24 (500)	24 (500)	24 (500)
5	LP	LP	LP	LP
6	driver seated	driver seated	driver seated	driver seated
7	P	P	P	P
8	X 2 / 2	X 2 / 2	X 2 / 2	X 2 / 2
9	127.2 (3,230)	127.2 (3,230)	127.2 (3,230)	118.1 (3,000)
10	6 (152)	6 (152)	6 (152)	6 (152)
12	II	III	III	III
13	41.3x3.9x1.6	41.3x4.9x1.8	41.3x4.9x1.8	41.3x4.9x1.8
	(1,050x100x40)	(1,050x125x45)	(1,050x125x45)	(1,050x125x45)
	10.8 / 40.7	11.3 / 41.1	11.3 / 41.1	11.3 / 41.1
	(275x1,035)	(286x1,044)	(286x1,044)	(286x1,044)
14	6 / 10	6 / 10	6 / 10	6 / 10
15	102.2 (2,595)	106.3 (2,700)	107.5 (2,730)	108.9 (2,765)
16	46.1 (1,170)	47.1 (1,197)	47.1 (1,197)	47.1 (1,197)
	64.0(1,625)	64.0(1,625)	64.0(1,625)	64.0(1,625)
17	85.6 (2,175)	85.2 (2,165)	85.2 (2,165)	85.2 (2,165)
18	176.8 (4,490)	176.8 (4,490)	176.8 (4,490)	167.7 (4,260)
19	86.0 (2,183)	86.0 (2,183)	86.0 (2,183)	86.0 (2,183)
20	40.4 (1,026)	40.4 (1,026)	40.4 (1,026)	40.4 (1,026)
21	87.4 (2,265)	93.1 (2,365)	94.3 (2,395)	95.3 (2,420)
22	18.9 (480)	19.1 (485)	19.1 (485)	19.5 (495)
23	106.3 (2,745)	112.2 (2,850)	113.4 (2,880)	114.8 (2,915)
24	11.8 / 12.4	11.2 / 11.8	11.2 / 11.8	11.5 / 12.1
	(19 / 20)	(18 / 19)	(18 / 19)	(18.5 / 19.5)
25	102.3 / 118.1	100.4 / 118.1	104.3 / 118.1	102.3 / 118.1
	(520 / 600)	(510 / 600)	(530 / 600)	(520 / 600)
26	100.4 / 90.6	100.4 / 90.6	100.4 / 90.6	100.4 / 90.6
	(510 / 460)	(510 / 460)	(510 / 460)	(510 / 460)
28	3,968.3 (1,800)	4,166.7 (1,890)	4,144.7 (1,880)	3,990.4 (1,810)
30	29.0	26.5	25.0	22.5
32	8,686.2 (3,940)	9,656.2 (4,380)	10,053.1 (4,560)	10,471.9 (4,750)
33	12,500.2 / 1,697.6	13,911.2 / 2,314.5	15,189.8 / 2,028.3	16,093.7 / 2,094.4
	(5,670 / 770)	(6,540 / 840)	(6,890 / 920)	(7,300 / 950)
34	3,659.7 / 5,026.6	3,968.3 / 6,128.8	3,880.1 / 6,172.9	3,858.1 / 6,613.9
	(1,660 / 2,280)	(1,800 / 2,580)	(1,760 / 2,800)	(1,750 / 3,000)
35	2 / 2	2 / 2	2 / 2	2 / 2
36	7.00x15-12	28x9x15-12	28x9x15-12	250x15-18
37	6.50x10-10	6.50x10-10	6.50x10-12	6.50x10-12
38	64 (1,625)	66.9 (1,700)	66.9 (1,700)	66.9 (1,700)
39	38.4 / 39.4	38.7 / 39.4	38.7 / 39.4	40.4 / 39.4
	(975 / 1,000)	(982 / 1,000)	(982 / 1,000)	(1,026 / 1,000)
40	4.5 (115)	4.1 (105)	4.1 (105)	4.1 (105)
41	5.6 (143)	5.6 (143)	5.6 (143)	5.6 (143)
42	Foot / Hyd	Foot / Hyd	Foot / Hyd	Foot / Hyd
43	Hand / Mech	Hand / Mech	Hand / Mech	Hand / Mech
45	12 / 65	12 / 65	12 / 65	12 / 65
49	G430FE	G430FE	G430FE	G430FE
	66.3 / 2,600	66.3 / 2,600	66.3 / 2,600	66.3 / 2,600
	49.5 / 2,600	49.5 / 2,600	49.5 / 2,600	49.5 / 2,600
51	149.7 / 1,600	149.7 / 1,600	149.7 / 1,600	149.7 / 1,600
	20.7 / 1,600	20.7 / 1,600	20.7 / 1,600	20.7 / 1,600
52	4 / 181 (2,967)	4 / 181 (2,967)	4 / 181 (2,967)	4 / 181 (2,967)
55	powershift	powershift	powershift	powershift
	1 / 1	1 / 1	1 / 1	1 / 1
	2,827.5 (195)	3,132 (216)	3,132 (216)	3,132 (216)
57	2,262 (156)	2,262 (156)	2,262 (156)	2,262 (156)



MAST SPECIFICATIONS and RATED CAPACITIES

G15S-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities			
					With Load Backrest		With Load Backrest		D/G15S-5			
									Tilt Angle		Load Capacities	
									FWD	BWD	LC 500mm	LC 24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb
STD	3000	118	2035	80	4055	160	135	5	6	8	1500	3000
	3300	130	2185	86	4355	171	135	5	6	8	1500	3000
	3500	138	2285	90	4555	179	135	5	6	8	1500	3000
	3700	146	2385	94	4755	187	135	5	6	8	1500	3000
	4000	157	2585	102	5055	199	135	5	6	8	1500	3000
	4500	177	2835	112	5555	219	135	5	6	8	1500	3000
FF	2700	106	1885	74	3755	148	880	35	6	8	1500	3000
	3000	118	2035	80	4055	160	1030	41	6	8	1500	3000
	3300	130	2185	86	4355	171	1180	46	6	8	1500	3000
FFT	4000	157	1915	75	5055	199	910	36	6	8	1500	3000
	4500	177	2080	82	5555	219	1075	42	6	8	1475	2950
	4750	187	2165	85	5805	229	1160	46	6	8	1425	2850
	5000	197	2280	90	6055	238	1275	50	6	5	1400	2800
	5500	217	2515	99	6555	258	1510	59	6	5	1275	2550
	6000	236	2680	106	7055	278	1675	66	6	5	975	1950

G18S-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities			
					With Load Backrest		With Load Backrest		D/G18S-5			
									Tilt Angle		Load Capacities	
									FWD	BWD	LC 500mm	LC 24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb
STD	3000	118	2035	80	4055	160	135	5	6	8	1750	3500
	3300	130	2185	86	4355	171	135	5	6	8	1750	3500
	3500	138	2285	90	4555	179	135	5	6	8	1750	3500
	3700	146	2385	94	4755	187	135	5	6	8	1750	3500
	4000	157	2585	102	5055	199	135	5	6	8	1750	3500
	4500	177	2835	112	5555	219	135	5	6	8	1750	3500
FF	2700	106	1885	74	3755	148	880	35	6	8	1750	3500
	3000	118	2035	80	4055	160	1030	41	6	8	1750	3500
	3300	130	2185	86	4355	171	1180	46	6	8	1750	3500
FFT	4000	157	1915	75	5055	199	910	36	6	8	1750	3500
	4500	177	2080	82	5555	219	1075	42	6	8	1750	3500
	4750	187	2165	85	5805	229	1160	46	6	8	1500	3000
	5000	197	2280	90	6055	238	1275	50	6	5	1575	3150
	5500	217	2515	99	6555	258	1510	59	6	5	1200	2400
	6000	236	2680	106	7055	278	1675	66	6	5	900	1800

G20SC-5

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities			
					With Load Backrest		With Load Backrest		D/G20SC-5			
									Tilt Angle		Load Capacities	
									FWD	BWD	LC 500mm	LC 24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	kg	lb
STD	3000	118	2035	80	4060	160	140	6	6	8	2000	4000
	3300	130	2185	86	4360	172	140	6	6	8	2000	4000
	3500	138	2285	90	4560	180	140	6	6	8	2000	4000
	3700	146	2385	94	4760	187	140	6	6	8	2000	4000
	4000	157	2585	102	5060	199	140	6	6	8	2000	4000
	4500	177	2835	112	5560	219	140	6	6	8	1675	3350
FF	2700	106	1885	74	3760	148	880	35	6	8	2000	4000
	3000	118	2035	80	4060	160	1030	41	6	8	2000	4000
	3300	130	2185	86	4360	172	1180	46	6	8	2000	4000
FFT	4000	157	1915	75	5060	199	910	36	6	8	2000	4000
	4500	177	2080	82	5560	219	1075	42	6	8	1700	3400
	4750	187	2165	85	5810	229	1160	46	6	5	1750	3500
	5000	197	2280	90	6060	239	1275	50	6	5	1525	3050
	5500	217	2515	99	6560	258	1510	59	6	5	1150	2300
	6000	236	2680	106	7060	278	1675	66	6	5	850	1700

MAST SPECIFICATIONS and RATED CAPACITIES

G 20S(E.P)-5 (PLUS)

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities											
									D/G 20S(E.P)-5											
									Tilt Angle						Load Capacities					
									Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
STD	2030	80	1575	62	3290	130	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	2580	102	1850	73	3840	151	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	2950	116	2035	80	4210	166	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	3230	127	2175	86	4490	177	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	3500	138	2425	95	4765	188	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	3800	150	2575	101	5065	199	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	3950	156	2650	104	5215	205	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	4350	171	2850	112	5615	221	147	6	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
FF	4960	195	3150	124	6215	245	147	6	6	5	6	10	6	10	1900	3750	1925	3900	1975	4000
	2580	102	1850	73	3840	151	645	25	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	2950	116	2035	80	4210	166	830	33	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	3230	127	2175	86	4490	177	970	38	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
FFT	3600	142	2425	95	4865	192	1220	48	6	10	6	10	6	10	2000	4000	2000	4000	2000	4000
	3900	154	1900	75	5165	203	695	27	6	8	6	8	6	8	2000	4000	2000	4000	2000	4000
	4290	169	2035	80	5570	219	830	33	6	8	6	8	6	8	2000	4000	2000	4000	2000	4000
	4730	186	2175	86	5990	236	970	38	6	8	6	8	6	8	1950	3950	1950	3950	2000	4000
	5560	219	2525	99	6815	268	1320	52	6	3	6	8	6	8	1650	3650	1825	3700	1875	3850
	6010	237	2675	105	7265	286	1470	58	6	3	6	8	6	5	1300	2900	1750	3550	1825	3700
	6500	256	2915	115	7760	306	1710	67	6	3	6	8	6	3	975	2200	1675	3450	1750	3550

G 25S(E.P)-5 (PLUS)

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities											
									D/G 25S(E.P)-5											
									Tilt Angle						Load Capacities					
									Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
STD	2030	80	1575	62	3290	130	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	2580	102	1850	73	3840	151	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	2950	116	2035	80	4210	166	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	3230	127	2175	86	4490	177	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	3500	138	2425	95	4765	188	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	3800	150	2575	101	5065	199	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	3950	156	2650	104	5215	205	147	6	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	4350	171	2850	112	5615	221	147	6	6	5	6	10	6	10	2500	5000	2500	5000	2500	5000
FF	4960	195	3150	124	6215	245	147	6	6	3	6	10	6	8	2075	4600	2450	4950	2500	5000
	2580	102	1850	73	3840	151	645	25	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	2950	116	2035	80	4210	166	830	33	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	3230	127	2175	86	4490	177	970	38	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
FFT	3600	142	2425	95	4865	192	1220	48	6	10	6	10	6	10	2500	5000	2500	5000	2500	5000
	3900	154	1900	75	5165	203	695	27	6	8	6	8	6	8	2500	5000	2500	5000	2500	5000
	4290	169	2035	80	5570	219	830	33	6	5	6	8	6	8	2500	5000	2500	5000	2500	5000
	4730	186	2175	86	5990	236	970	38	6	3	6	8	6	8	2450	5000	2500	5000	2500	5000
	5560	219	2525	99	6815	268	1320	52	6	3	6	8	6	5	1525	3400	2325	4750	2400	4850
	6010	237	2675	105	7265	286	1470	58	6	3	6	8	6	3	1175	2600	2250	4550	2300	4700
	6500	256	2915	115	7760	306	1710	67	6	3	6	5	6	3	875	1950	2150	4400	1850	4200

G 30S(E.P)-5 (PLUS)

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities											
									D/G 30S(E.P)-5											
					With Load Backrest		With Load Backrest		Tilt Angle						Load Capacities					
									Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
	mm	in	mm	in	mm	in	mm	in	FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
	mm	in	mm	in	mm	in	mm	in	deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	2030	80	1565	62	3290	130	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	2580	102	1840	72	3840	151	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	2950	116	2025	80	4210	166	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	3230	127	2165	85	4490	177	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	3500	138	2415	95	4765	188	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	3800	150	2565	101	5065	199	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	3950	156	2640	104	5215	205	152	6	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	4350	171	2840	112	5615	221	152	6	6	5	6	10	6	10	3000	6000	3000	6000	3000	6000
	4960	195	3140	124	6215	245	152	6	6	3	6	10	6	10	2525	5550	2900	5850	2975	6000
FF	2580	102	1840	72	3840	151	640	25	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	2950	116	2025	80	4210	166	825	32	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	3230	127	2165	85	4490	177	965	38	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
	3600	142	2415	95	4865	192	1215	48	6	10	6	10	6	10	3000	6000	3000	6000	3000	6000
FFT	3900	154	1890	74	5165	203	690	27	6	8	6	8	6	8	2900	6000	2900	6000	2900	6000
	4290	169	2025	80	5570	219	825	32	6	8	6	8	6	8	2900	6000	2900	6000	2900	6000
	4730	186	2165	85	5990	236	965	38	6	3	6	8	6	8	2900	5950	2900	6000	2900	6000
	5560	219	2515	99	6815	268	1315	52	6	3	6	8	6	5	1850	4050	2750	5600	2825	5750
	6010	237	2665	105	7265	286	1465	58	6	3	6	5	6	3	1425	3200	2675	5450	2750	5600

G 33S(P)-5 (PLUS)

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities											
									D/G 33S(P)-5											
									Tilt Angle						Load Capacities					
					With Load Backrest		With Load Backrest		Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
	mm	in	mm	in					FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
					mm	in	mm	in	deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	2030	80	1565	62	3290	130	152	6	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	2580	102	1840	72	3840	151	152	6	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	2950	116	2025	80	4210	166	152	6	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	3230	127	2165	85	4490	177	152	6	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	3500	138	2415	95	4765	188	152	6	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	3800	150	2565	101	5065	199	152	6	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	3950	156	2640	104	5215	205	152	6	6	10	6	10	6	10	3175	6500	3250	6500	3250	6500
	4350	171	2840	112	5615	221	152	6	6	5	6	10	6	10	3175	6500	3250	6500	3250	6500
	4960	195	3140	124	6215	245	152	6	6	3	6	10	6	8	2450	5400	3125	6350	3200	6500
FF	2580	102	1840	72	3840	151	640	25	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	2950	116	2025	80	4210	166	825	32	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	3230	127	2165	85	4490	177	965	38	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
	3600	142	2415	95	4865	192	1215	48	6	10	6	10	6	10	3250	6500	3250	6500	3250	6500
FFT	3900	154	1890	74	5165	203	690	27	6	8	6	8	6	8	3250	6500	3250	6500	3250	6500
	4290	169	2025	80	5570	219	825	32	6	5	6	8	6	8	3250	6500	3250	6500	3250	6500
	4730	186	2165	85	5990	236	965	38	6	3	6	8	6	8	2900	6300	3175	6450	3250	6500
	5560	219	2515	99	6815	268	1315	52	6	3	6	8	6	5	1750	3950	2975	6050	3050	6200
	6010	237	2665	105	7265	286	1465	58	6	3	6	5	6	3	1350	3050	2875	5850	2950	6050

G 35C-5 (PLUS)

Mast type	Maximum Fork Height		Maximum Lowered Height		Fully Extended Height		Free Lift		Rated Load Capacities											
									D/G 35C-5											
									Tilt Angle						Load Capacities					
					With Load Backrest		With Load Backrest		Single Pneu.		Double Pneu		Single Solid		Single Pneu.		Double Pneu		Single Solid	
	mm	in	mm	in					FWD	BWD	FWD	BWD	FWD	BWD	LC 500mm	LC 24in	LC 500mm	LC 24in	LC 500mm	LC 24in
					mm	in	mm	in	deg	deg	deg	deg	deg	deg	kg	lb	kg	lb	kg	lb
STD	1800	71	1565	62	3060	120	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	2350	93	1840	72	3610	142	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	2720	107	2025	80	3980	157	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	3000	118	2165	85	4260	168	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	3495	138	2415	95	4760	187	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	3655	144	2565	101	4915	194	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	3805	150	2640	104	5065	199	152	6	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	4205	166	2840	112	5465	215	152	6	6	8	6	10	6	10	3425	6950	3425	6950	3500	7000
	4805	189	3140	124	6065	239	152	6	6	3	6	8	6	8	3250	6650	3275	6650	3375	6850
FF	2350	93	1840	72	3610	142	640	25	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	2720	107	2025	80	3980	157	825	32	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	3000	118	2165	85	4260	168	965	38	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
	3495	138	2415	95	4755	187	1215	48	6	10	6	10	6	10	3500	7000	3500	7000	3500	7000
FFT	3555	140	1890	74	4815	190	690	27	6	8	6	8	6	8	3400	7000	3400	7000	3400	7000
	3960	156	2025	80	5220	206	825	32	6	8	6	8	6	8	3400	7000	3400	7000	3400	7000
	4380	172	2165	85	5640	222	965	38	6	5	6	8	6	8	3375	6850	3375	6850	3400	7000
	4820	190	2335	92	6085	240	1135	45	6	3	6	8	6	8	3250	6600	3250	6650	3350	6800
	5205	205	2515	99	6465	255	1315	52	6	3	6	8	6	5	2600	5800	3150	6450	3250	6600
	5655	223	2665	105	6915	272	1465	58	6	3	6	5	6	3	1975	4450	3050	6200	3150	6400



PRO5 SERIES



G15S / G18S-5 & G20SC-5

3,000lb(1,500kg)

3,500lb(1,750kg) 4,000lb(2,000kg)

LP Pneumatic Tire



G20E / G25E / G30E-5

G20P / G25P / G30P / G33P-5 & G35C-5

G20P / G25P / G30P / G33P-5 & G35C-5 PLUS

4,000lb(2,000kg) 5,000lb(2,500kg)

6,000lb(3,000kg) 6,500lb(3,250kg)

7,000lb(3,500kg)

LP Pneumatic Tire



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2475 Mill Center Parkway Suite 400
Buford, GA 30518

P: 678-745-2200 F: 678-745-2250
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Product and specifications are subject to improvement and change without notice.