ISO 9001 ISO14001

PRO5 SERIES

G15S / G18S-5 & G20SC-5
1,500kg 1,750kg 2,000kg
LPG, Pneumatic Tires

EUG18S5-160518v2EN (May 2016)

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AUTHORIZED DEALER

Product and specifications are subject to improvement and change without notice.

TECHNICAL SPECIFICATIONS

Pneumatic Forklift Trucks

G15S / G18S-5 & G20SC-5

1,500kg to 2,000kg Capacity

PRO5 SERIES

GENERAL SPECIFICATIONS

	CHARACTERISTICS					
1	Manufacturer			Doosan	Doosan	Doosan
2	Model			D15S-5	D18S-5	D20SC-5
3	Capacity	at rated load center	kg	1,500	1,750	2,000
4	Load center	distance	mm	500	500	500
5	Power type	electric, diesel, gas, LPG-gas		LPG	LPG	LPG
6	Operator type	stand-on, driver-seated		driver-seated	driver-seated	driver-seated
7	Tires	C=cushion, P=pneumatic, E=Solid		P	P	P
8	Wheels (x=driven)	number of front/rear		X 2/2	X 2/2	X 2/2
	DIMENSIONS					
9	Lift with STD two-stage mast	maximum fork height with rated load	mm	3,300	3,300	3,300
10		free lift	mm	135	135	140
12	Fork Carriage	ISO class		II	II	II
13	Forks	thickness x width x length	mm	900 x 100 x 35	900 x 100 x 35	900 x 100 x 40
		fork spacing (minimum x maximum)	mm	240 x 905	240 x 905	240 x 905
14	Tilt of mast	forward/backward	deg	6 / 8	6 / 8	6 / 8
15	Overall dimensions	length to fork face	mm	2,170	2,215	2,250
16		width	mm	1,070	1,070	1,070
17		mast lowered height	mm	2,185	2,185	2,185
18		mast extended height	mm	4,355	4,355	4,360
19		overhead guard height	mm	2,170	2,170	2,170
20		seat height	mm	1,005	1,005	1,005
21	Outside turning radius		mm	1,977	2,022	2,050
22	Load moment constant		mm	394	394	399
23	90° stacking aisle (add load length & clearance)		mm	2,360	2,398	2,422
	PERFORMANCE					
24	Speed	travel, loaded/unloaded	km/h	18 / 19	18 / 19	18 / 19
25		lift, loaded/unloaded	mm/s	600 / 650	600 / 650	600 / 650
26		lowering, loaded/unloaded	mm/s	500 / 450	500 / 450	500 / 450
28	Drawbar pull	at 1.6km/hr, loaded/unloaded	kg	1,440	1,430	1,420
30	Gradeability	at 1.6km/hr, loaded/unloaded	%	35.5	31.0	28.5
	WEIGHT					
32	Total weight, unloaded		kg	2,800	3,010	3,170
33	Axle load	with load, front/rear	kg	3,775 / 525	4,140 / 620	4,520 / 650
34		with unload, front/rear	kg	1,320 / 1,485	1,270 / 1,740	1,235 / 1,935
	CHASSIS					
35	Tires	number of front/rear		2 / 2	2 / 2	2 / 2
36		front size		6.50x10-12	6.50x10-12	6.50x10-12
37		rear size		5.00x8-10	5.00x8-10	5.00x8-10
38	Wheel base		mm	1,400	1,400	1,400
39	Tread	front/rear	mm	890 / 910	890 / 910	890 / 910
40	Ground Clearance	loaded, the lowest point	mm	120	120	120
41		loaded, center of wheelbase	mm	150	150	150
42	Service brake			foot / hydr	foot / hydr	foot / hydr
43	Parking brake			hand / mech	hand / mech	hand / mech
	DRIVE					
45	Battery	voltage/capacity	V/AH	12 / 45	12 / 45	12 / 45
49	Engine	manufacturer/model		HMC / G424I(E)	HMC / G424I(E)	HMC / G424I(E)
50		rated output / rpm	kw	33.9 / 2,450	33.9 / 2,450	33.9 / 2,450
51		max. torque / rpm	N-m	15.1 / 1,600	15.1 / 1,600	15.1 / 1,600
52		cycle/cylinders/displacement	cc	4 / 2,359	4 / 2,359	4 / 2,359
55	Transmission	type		powershift	powershift	powershift
		number of speeds forward/reverse		1 / 1	1 / 1	1 / 1
57	Operating pressure	system/attachment	bar	176 / 176	199 / 199	216 / 216

Note: Specification values quoted in this specification sheet has been rounded. Performance may vary due to operation conditions.
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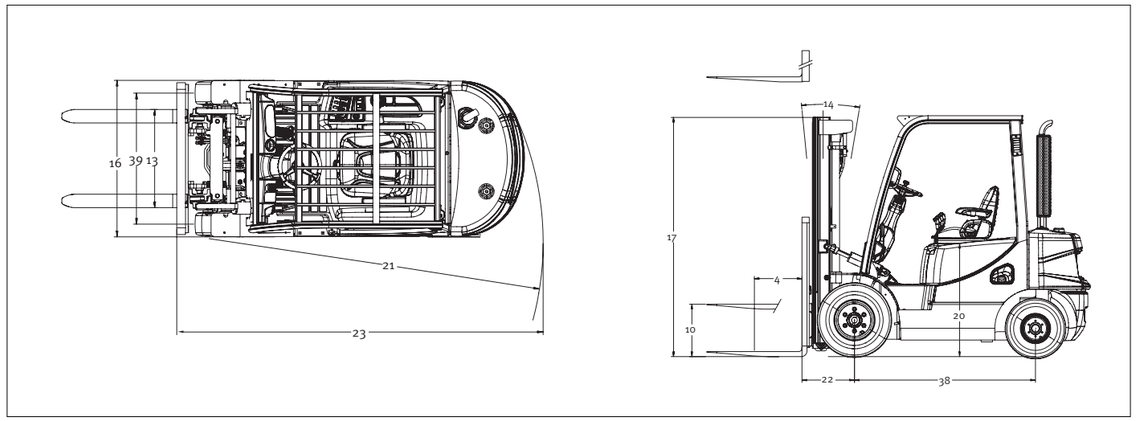
DIMENSIONAL DRAWING



MAST SPECIFICATIONS and RATED CAPACITIES

G15S-5

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height With Load Backrest	Free Lift With Load Backrest	Rated Load Capacities G15S-5 Tilt Angle FWD	Tilt Angle BWD	Load Capacities LC 500mm
	mm	mm	mm	mm	deg	deg	kg
STD	3000	2035	4055	135	6	8	1500
	3300	2185	4355	135	6	8	1500
	3500	2285	4555	135	6	8	1500
	3700	2385	4755	135	6	8	1500
	4000	2585	5055	135	6	8	1500
	4500	2835	5555	135	6	8	1500
FF	2700	1885	3755	880	6	8	1500
	3000	2035	4055	1030	6	8	1500
	3300	2185	4355	1180	6	8	1500
FFT	4000	1915	5055	910	6	8	1500
	4500	2080	5555	1075	6	8	1475
	4750	2165	5805	1160	6	8	1425
	5000	2280	6055	1275	6	5	1400
	5500	2515	6555	1510	6	5	1275
	6000	2680	7055	1675	6	5	975

G18S-5

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height With Load Backrest	Free Lift With Load Backrest	Rated Load Capacities G18S-5 Tilt Angle FWD	Tilt Angle BWD	Load Capacities LC 500mm
	mm	mm	mm	mm	deg	deg	kg
STD	3000	2035	4055	135	6	8	1750
	3300	2185	4355	135	6	8	1750
	3500	2285	4555	135	6	8	1750
	3700	2385	4755	135	6	8	1750
	4000	2585	5055	135	6	8	1750
	4500	2835	5555	135	6	8	1750
FF	2700	1885	3755	880	6	8	1750
	3000	2035	4055	1030	6	8	1750
	3300	2185	4355	1180	6	8	1750
FFT	4000	1915	5055	910	6	8	1750
	4500	2080	5555	1075	6	8	1750
	4750	2165	5805	1160	6	8	1500
	5000	2280	6055	1275	6	5	1575
	5500	2515	6555	1510	6	5	1200
	6000	2680	7055	1675	6	5	900

G20SC-5

Mast type	Maximum Fork Height	Maximum Lowered Height	Fully Extended Height With Load Backrest	Free Lift With Load Backrest	Rated Load Capacities G20SC-5 Tilt Angle FWD	Tilt Angle BWD	Load Capacities LC 500mm
	mm	mm	mm	mm	deg	deg	kg
STD	3000	2035	4060	140	6	8	2000
	3300	2185	4360	140	6	8	2000
	3500	2285	4560	140	6	8	2000
	3700	2385	4760	140	6	8	2000
	4000	2585	5060	140	6	8	2000
	4500	2835	5560	140	6	8	1675
FF	2700	1885	3760	880	6	8	2000
	3000	2035	4060	1030	6	8	2000
	3300	2185	4360	1180	6	8	2000
FFT	4000	1915	5060	910	6	8	2000
	4500	2080	5560	1075	6	8	1700
	4750	2165	5810	1160	6	5	1750
	5000	2280	6060	1275	6	5	1525
	5500	2515	6560	1510	6	5	1150
	6000	2680	7060	1675	6	5	850