



SF

12L / 15L / 18L

Engine Powered	1200/1500/1800kg
Pneumatic Tire	2500/3000/3500lb
Lift Trucks	Capacity





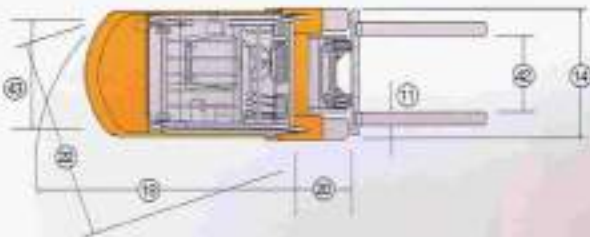
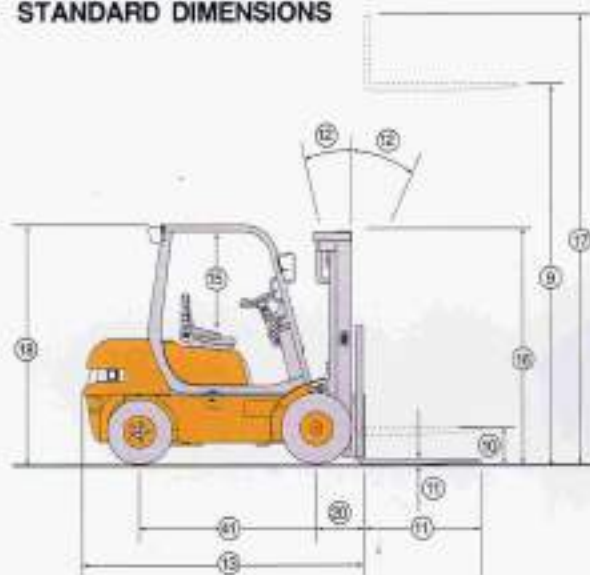
SF 12/15/18L

STANDARD SPECIFICATIONS

Characteristics		SAMSUNG		SAMSUNG	SAMSUNG
1	Manufacturer			SAMSUNG	SAMSUNG
2	Model			SF12L	SF15L
3	Load Capacity	kg(lb)	1200(2500)	1500(3000)	1800(3500)
4	Load Center	mm(in)	500(24)	500(24)	500(24)
5	Power Type			LPG	LPG
6	Operator Position			Rider seated	Rider seated
7	Tire Type	Front/Rear	Pneumatic		Pneumatic
8	Wheels (x = driven)	Front/Rear	2 x 2		2 x 2
9	Maximum Fork Height(MFH)	mm(in)	3000(118)	3000(118)	3000(118)
10	Free Lift	mm(in)	100(3.9)	100(3.9)	100(3.9)
11	Fork Size	T x W x L	mm(in)	40 x 100 x 1070 (1.6 x 3.9 x 42)	40 x 100 x 1070 (1.6 x 3.9 x 42)
12	Tilt Range	FWD/BWD	deg	6/10	6/10
13	Length to Fork Face	mm(in)	2145(84.5)	2170(85.5)	2195(86.5)
14	Overall Width	mm(in)	1110(44)	1110(44)	1110(44)
15	Overhead guard clearance(from face of seat)	mm(in)	1010(40)	1010(40)	1010(40)
16	Height	Mast Lowered	mm(in)	2090(81)	2090(81)
17		Mast Extended	mm(in)	4230(167)	4230(167)
18		Overhead Guard	mm(in)	2060(81)	2060(81)
19	Turning Radius(Outside)	mm(in)	2020(79)	2045(80)	2070(81)
20	Load Distance (Centerline of front axle to front face of fork)	mm(in)	390(15)	390(15)	390(15)
21	Basic Right Angle Stacking Aisle Width (Add load length and clearance)	mm(in)	2435(95)	2435(95)	2475(97)
22	Min. intersecting aisle	mm(in)	2050(81)	2060(81)	2110(83)
23	Performance	Travel Max. (FWD/RVS)	With Load	km/h(mph)	16.3 / 16.3(10.1 / 10.1)
24			Without Load	km/h(mph)	17.4 / 17.4(10.8 / 10.8)
25		Sprint	With Load	mm/sec(ftm)	530(104)
26			Without load	mm/sec(ftm)	570(112)
27		Max. Drawbar Pull	With Load	mm/sec(ftm)	510(100)
28			Without Load	mm/sec(ftm)	510(100)
29		Max. Gradeability	With Load	%	35.7
30			Without Load	%	21.4
31	Weight	Total Weight	kg(lb)	2570(5650)	
32		Distributor	Front	kg(lb)	3260(7050)
33			Rear	kg(lb)	510(1100)
34		Without Load	Front	kg(lb)	1270(2800)
35	Rear		kg(lb)	1300(2850)	
36	Tires	Number	Front/Rear	2/2	
37		Size	Front	6.5 x 10-12PR	
38	Chassis	Rear		6.5 x 10-12PR	
39		Wheel Base	mm(in)	1350(53)	
40	Tread	Front	mm(in)	930(37)	
41		Rear	mm(in)	900(35)	
42	Underclearance	at lowest point (Mast)	mm(in)	117(4.6)	
43		Center of Wheel Base	mm(in)	117(4.6)	
44	Brake	Service/Foot		Hydraulic	
45		Parking		Hand	
46	Engine and Transmission	Battery	Voltage/Capacity(2HR)	12/45	
47		Internal Combustion Engine	Make/Model	Mitsubishi 4G63	
48			Rated Horsepower/p.m.	SAE HP (KS / PS)	34.1 / 2300 Net (34.6 / 2300)
49			Rated Torque/p.m.	SAE l-b (kg-m)	86 / 1600 Net (12 / 1600)
50			Number of Cylinder		4
51		Piston Displacement	cc(cc-e)	1997(122)	
52		Fuel Tank Capacity	kg(lb)	15(33)	
53		Transmission	Type		Powershift
54	Stage		PWD/RVS	1/1	
55	Operating Pressure	For Attachments	kg/cm ² (psi)	175(2500)	

Materials and specifications are subject to change without notice

STANDARD DIMENSIONS



Underclearance	mm(in)
Drive Axle	127(5.0 in)
Steer Axle	140(5.5 in)
Counter Weight	140(5.5 in)

LOAD CAPACITY CHART STANDARD EQUIPMENT



- Wide Visible Mast (MFH:3000mm(118in))
- Halogen head and rear lights
- Rear combination lights
- Headlight guards
- Back-up alarm
- Integrated monitoring center
- Long life tires
- Parking brake
- Overhead guard
- Neutral start key switch
- Alternator with IC regulator
- Neutral safety switch
- Power steering
- Power brake
- Drawbar pin
- Back mirrors

OPTIONAL EQUIPMENT

- Solid Tires
- Long and short forks

Note: Standard and optional equipment may vary. Consult your SHI dealer for more information.

Rated capacities are compiled from front face of forks with mast in vertical position and apply to Wide Visible Masts with up to 3500mm(138in) max. fork height.

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height mm(in)	Overall Height		Free Lift mm(in)	Tilt Range		Load capacity at 500mm (24in) LC		
		Lowered mm(in)	Extended mm(in)		FWD deg	BWD deg	SF12L	SF15L	SF18L
							kg(lb)	kg(lb)	kg(lb)
Wide Visible 2 Stage Mast	2000(79)	1590(63)	3230(127)	100(3.9)	6	10	1200(2500)	1500(3000)	1800(3500)
	2300(91)	1740(69)	3530(139)	100(3.9)	6	10	1200(2500)	1500(3000)	1800(3500)
	2500(98)	1840(73)	3730(147)	100(3.9)	6	10	1200(2500)	1500(3000)	1800(3500)
	2700(106)	1940(76)	3930(155)	100(3.9)	6	10	1200(2500)	1500(3000)	1800(3500)
	3000(118)	2090(82)	4230(167)	100(3.9)	6	10	1200(2500)	1500(3000)	1800(3500)
	3300(130)	2240(88)	4530(178)	100(3.9)	6	10	1200(2500)	1500(3000)	1800(3500)
	3500(138)	2340(92)	4730(186)	100(3.9)	6	10	1200(2500)	1500(3000)	1800(3500)
	3700(145)	2440(96)	4930(194)	100(3.9)	6	10	1200(2500)	1400(2900)	1700(3500)
	4000(157)	2590(102)	5230(206)	100(3.9)	4	6	1100(2400)	1400(2900)	1600(3400)
	4500(177)	3055(120)	5730(226)	100(3.9)	4	6	1000(2200)	1300(2800)	1350(2850)
5000(197)	3305(130)	6230(245)	100(3.9)	4	6	900(1900)	1000(2200)	1100(2400)	
Wide Visible 3 Stage Mast	3700(145)	1855(73)	4940(194)	1315(52)	6	6	1200(2500)	1500(3000)	1800(3500)
	4000(157)	1955(77)	5240(206)	1415(56)	4	6	1100(2400)	1400(2900)	1600(3400)
	4300(169)	2055(81)	5540(218)	1515(60)	4	6	1050(2300)	1350(2850)	1500(3000)
	4500(177)	2120(84)	5740(226)	1580(62)	4	6	1000(2200)	1300(2800)	1350(2850)
	5000(197)	2290(90)	6240(246)	1745(69)	4	6	900(1900)	1000(2200)	1100(2400)
	5500(217)	2490(98)	6740(266)	1975(75)	4	6	700(1500)	750(1600)	800(1700)
	6000(236)	2740(108)	7240(286)	2225(88)	1.5	3	500(1100)	550(1200)	600(1300)



HEAVY INDUSTRIES

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SAMSUNG ISO 9001 QUALITY

Samsung's relentless pursuit of high quality standards has resulted in our recent ISO 9001 certification for the design/development, production, installation and servicing of our Forklifts.

