

PRODUCTIVE AND POWERFUL.

IC PNEUMATIC TIRE

4,000 - 6,000 LB CAPACITY

1. Productive

High-Output Engine

The Mitsubishi S4S diesel engine or the GK25 gas / LP engine will help to ensure that this family of trucks is able to perform at optimal levels in a wide range of applications and environments. With dependable power, the FG20S-FD30HS series of forklifts helps to optimize your return on investment.

2. Comfortable

Operator Compartment

These trucks have been ergonomically designed with three easy access points for secure and comfortable entry and exit into the truck. This includes an elongated grab bar, a low entry step and hip restraints. The operator compartment provides the comfort needed to allow maximum efficiency.

3. Smart

Quick Service Access

Easily accessible components are critical when doing daily checks and maintenance. The removable side panels and one-piece floor plate can be easily removed without tools, providing full access to all components. The result is lower maintenance costs through quicker repairs and less downtime.

4. Value

Design

Whether it's the mast, engine, drive or steer axle, Mitsubishi Forklift Trucks has engineered and built a forklift that provides exceptional value, designing our components to handle the some of the most challenging applications and helping to increase productivity while lowering overall operating costs.

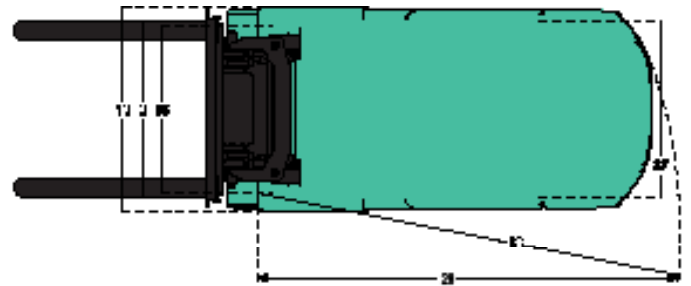
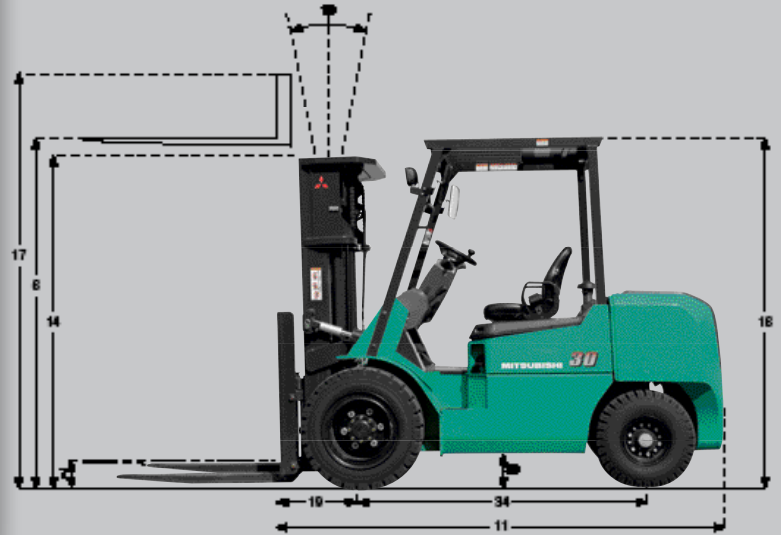


CHARACTERISTICS			FG20S		FD20HS		FG25S	
1	Capacity at rated load center	lb kg	4,000	2,000	4,000	2,000	5,000	2,500
2	Capacity at load center – distance	in mm	24	500	24	500	24	500
3	Power		gasoline / LP gas		diesel		gasoline / LP gas	
4	Tire type		pneumatic		pneumatic		pneumatic	
5	Wheels, number front / rear (x=driven)		2x / 2		2x / 2		2x / 2	
DIMENSIONS								
6	Maximum fork height – with standard two-stage mast	in mm	118	3,000	118	3,000	118	3,000
7	Free fork height – with standard two-stage mast	in mm	5.5	140	5.5	140	5.5	140
8	Fork dimensions – length x width x thickness	in mm	42 x 3.9 x 1.8	1,070 x 100 x 45	42 x 3.9 x 1.8	1,070 x 100 x 45	42 x 3.9 x 1.8	1,070 x 100 x 45
9	Fork spacing, out-to-out minimum / maximum	in mm	9.6 / 39.3	244 / 1,000	9.6 / 39.3	244 / 1,000	9.6 / 39.3	244 / 1,000
10	Tilt, forward / backward	deg	6 / 10		6 / 10		6 / 10	
11	Length to fork face	in mm	99.4	2,525	99.4	2,525	100.8	2,560
12	Overall width with standard tires	in mm	45.3	1,104	45.3	1,150	45.3	1,150
	Overall width with optional duals	in mm	N / A		N / A		N / A	
14	Height with lowered mast	in mm	78.3	1,990	78.3	1,990	78.3	1,990
15	Seat height	in mm	45.3	1,104	45.3	1,104	45.3	1,104
16	Height to top of overhead guard	in mm	81.7	2,075	81.7	2,075	81.7	2,075
17	Height with extended mast	in mm	160	4,055	160	4,055	160	4,055
18	Minimum outside turning radius	in mm	90.6	2,300	90.6	2,300	91.5	2,325
19	Load moment constant	in mm	17.9	455	17.9	455	18.1	460
20	Minimum aisle – 90° stack – zero clearance without load	in mm	108.5	2,755	108.5	2,755	109.6	2,785
PERFORMANCE								
21	Travel speed, loaded / empty	mph km/h	11.8 / 12.1	19.0 / 19.5	11.8 / 12.1	19.0 / 19.5	11.8 / 12.1	19.0 / 19.5
22	Lift speed, loaded / empty	fpm mm/s	114 / 130	580 / 660	126 / 132	640 / 670	114 / 130	580 / 660
23	Lowering speed, loaded / empty	fpm mm/s	98 / 98	500 / 500	98 / 98	500 / 500	98 / 98	500 / 500
24	Drawbar pull loaded (60-minute rating)	lb N	3,642	16,200	4,002	17,800	3,597	16,000
25	Drawbar pull loaded maximum (5-minute rating)	lb N	4,181	18,600	4,496	20,000	4,136	18,400
26	Gradeability loaded at 1 mph (1.6 km)	%	32.8		35.6		27.8	
27	Gradeability maximum, loaded / empty	%	38.1 / 14.3		40.4 / 14.3		32.2 / 14.3	
WEIGHT								
28	Weight, empty	lb kg	7,190	3,260	7,430	3,370	7,830	3,550
29	Axle load with rated load, front / rear (est.)	lb kg	9,370 / 1,430	4,390 / 650	9,370 / 1,380	4,390 / 650	11,650 / 1,560	5,490 / 730
30	Axle load without load, front / rear (est.)	lb kg	2,390 / 4,360	1,080 / 1,960	2,390 / 4,360	1,080 / 1,960	3,260 / 4,950	1,480 / 2,240
CHASSIS								
31	Tire size – front (standard)	in	7.0 x 12-12PR		7.0 x 12-12PR		7.0 x 12-12PR	
	Tire size – front (optional duals)	in	N / A		N / A		N / A	
33	Tire size – rear	in	6.0 x 9-10PR		6.0 x 9-10PR		6.0 x 9-10PR	
34	Wheelbase	in mm	65.0	1,650	65.0	1,650	65.0	1,650
35	Tread width – front (standard tires)	in mm	37.8	960	37.8	960	37.8	960
	Tread width – front (optional duals)	in mm	N / A		N / A		N / A	
37	Tread width – rear	in mm	38.6	980	38.6	980	38.6	980
38	Ground clearance at lowest point of mast	in mm	4.5	115	4.5	115	4.5	115
39	Ground clearance at center or wheelbase	in mm	6.6	167	6.6	167	6.6	167
40	Service brakes	type	foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic	
41	Parking brakes	type	hand-operated, mechanical		hand-operated, mechanical		hand-operated, mechanical	
ELECTRICAL								
42	Engine model		GK25		S4S		GK25	
43	Continuous output S.A.E. gross	HP kW	53.6	40.0	59.0	44.0	53.6	40.0
44		at rpm	2,200		2,300		2,200	
45	Maximum torque S.A.E. gross	lb-ft Nm	137	186	135	183	137	186
46		at rpm	1,600		1,800		1,600	
47	Cylinders / displacement	cu in L	152	2.5	203	3.3	152	2.5
48	Transmission type		powershift		powershift		powershift	
49	Number of speeds, forward / reverse		1 / 1		1 / 1		1 / 1	
50	Relief pressure for attachments	psi bar	2,625	181	2,625	181	2,625	181
51	Noise level – mean value at operator's ear Leq	dB(A)	73.5		73.5		73.5	

FD25HS		FG30S		FD30HS	
5,000	2,500	6,000	3,000	6,000	3,000
24	500	24	500	24	500
diesel		gasoline / LP gas		diesel	
pneumatic		pneumatic		pneumatic	
2x / 2		2x / 2		2x / 2	
118	3,000	118	3,000	118	3,000
5.5	140	5.7	145	5.7	145
42 x 3.9 x 1.8	1,070 x 100 x 45	42 x 4.8 x 1.8	1,070 x 122 x 45	42 x 4.8 x 1.8	1,070 x 122 x 45
9.6 / 39.3	244 / 1,000	9.6 / 39.3	244 / 1,000	9.6 / 39.3	244 / 1,000
6 / 10		6 / 10		6 / 10	
100.8	2,560	105.9	2,690	105.9	2,690
45.3	1,150	50.2	1,275	50.2	1,275
N / A		N / A		N / A	
78.3	1,990	79.3	2,015	79.3	2,015
45.3	1,104	44.3	1,124	44.3	1,124
81.7	2,075	82.5	2,095	82.5	2,095
160	4,055	160	4,055	160	4,055
91.5	2,325	95.1	2,415	95.1	2,415
18.1	460	19.5	495	19.5	495
109.6	2,785	114.6	2,910	114.6	2,910
11.8 / 12.1	19.0 / 19.5	11.8 / 12.1	19.0 / 19.5	11.8 / 12.1	19.0 / 19.5
126 / 132	640 / 670	91 / 104	460 / 530	100 / 107	510 / 545
98 / 98	500 / 500	104 / 98	530 / 500	104 / 98	530 / 500
3,957	17,600	3,552	15,800	3,867	17,200
4,429	19,700	4,114	18,300	4,361	19,400
30.2		22.8		24.5	
34.2 / 14.3		26.5 / 17.3		27.7 / 17.3	
8,050	3,650	9,240	4,190	9,460	4,290
11,650 / 1,560	5,490 / 730	13,890 / 1,750	6,550 / 820	13,890 / 1,750	6,550 / 820
3,260 / 4,950	1,480 / 2,240	3,920 / 5,720	1,770 / 2,600	3,920 / 5,720	1,770 / 2,600
7.0 x 12-12PR		28 x 9-15-12PR		28 x 9-15-12PR	
N / A		N / A		N / A	
6.0 x 9-10PR		6.50 x 10-10PR		6.50 x 10-10PR	
65.0	1,650	65.0	1,650	65.0	1,650
37.8	960	41.7	1,060	41.7	1,060
N / A		N / A		N / A	
38.6	980	38.6	980	38.6	980
4.5	115	5.3	135	5.3	135
6.6	167	7.4	189	7.4	189
foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic	
hand-operated, mechanical		hand-operated, mechanical		hand-operated, mechanical	
S4S		GK25		S4S	
59.0	44.0	53.6	40.0	59.0	44.0
2,300		2,200		2,300	
135	183	137	186	135	183
1,800		1,600		1,800	
203	3.3	152	2.5	203	3.3
powershift		powershift		powershift	
1 / 1		1 / 1		1 / 1	
2,625	181	2,625	181	2,625	181
73.5		73.5		73.5	

Call-out numbers shown in the diagram below correspond to the first column of the specifications chart.

FG20S- FD30HS



IC PNEUMATIC TIRE

4,000 - 6,000 LB CAPACITY

Designed With You In Mind

1. Maximum Performance

Power is in the hands of the operator – this truck has been built to the highest standards when it comes to drawbar pull, travel speed and lifting and lowering speed to help keep your business running as efficiently as possible.

2. Fuel Efficient

These engines have been specifically engineered to provide you with optimal functionality, while using the least amount of fuel possible. The reduced heat levels of the truck make the engine more efficient, reducing the overall cost of ownership.

3. Excellent Visibility

The design of the mast and overhead guard, as well as the placement of the display panel on the dashboard, helps to provide the operator with exceptional visibility of the load.

4. Versatile

Mitsubishi Forklift Trucks allows you to personalize your truck to meet the needs of your specific job. There are a number of available options to customize your forklift to make sure that it is exactly what you need.



Manufactured with superior quality and exceptional value, Mitsubishi forklift trucks are supported by an extensive dealer and field support network, located throughout North and South America. Don't forget to ask your local Mitsubishi forklift trucks dealer about details on additional options and dealer services like planned maintenance and operator training.