

BUILT TO PERFORM IN DEMANDING APPLICATIONS.

FGC35K-FGC70K

7,000 – 15,500 LB CAPACITY CUSHION TIRE FORKLIFT

1. Comfortable

Enhanced Ergonomics

From the full-suspension seat to its full tilt steering column, this forklift was designed for optimal comfort during long shifts – ensuring maximum productivity all day long.

Easy Entry And Exit

Three-point access into the truck with the low open step, elongated grab bar and wrapped steel hip restraints offers convenient entry and exit into the cab.

2. Productive

Powerful Movement

The PSI 4X 4.3 liter V6 engine is designed for demanding conditions. Meeting strict CARB and EPA emissions standards, the forklift's engine performs at top levels, while offering excellent fuel economy.

Customizable Design

With options like foot directional control and ground speed control, this forklift can be customized to meet the needs of your specific application.

3. Smart

Easy Service Access

Tool-free access to the engine compartment makes routine maintenance, such as cleaning the radiator, much easier. The benefit is increased uptime for your operation.

Smart Technology

The forklift is equipped with a transmission interlock indicator and mast and auxiliary hydraulic lockout to help prevent improper use of the truck.

4. Efficient Design

Increased Awareness

The narrow mast channels and two forward work lights help expand the operator's range of vision. Additional light, strobe and signal options can also be added to meet the application's specific needs.

Equipment Protection

With this feature, the forklift is designed to automatically monitor the engine oil pressure, transmission temperature and coolant temperature, helping to extend the life of the forklift.



CHARACTERISTICS			FGC35K		FGC40K		FGC45K C		FGC55K	
1	Capacity at rated load center	lb kg	7,000	3,500	8,000	4,000	10,000	4,500	12,000	5,500
2	Capacity at load center – distance	in mm	24	500	24	500	24	600	24	600
3	Power		LP gas		LP gas		LP gas		LP gas	
4	Tire type		cushion		cushion		cushion		cushion	
5	Wheels – number front / rear (x = driven)		2x / 2		2x / 2		2x / 2		2x / 2	
DIMENSIONS										
7	Maximum fork height with standard two-stage mast	in mm	120	3,050	120	3,050	114	2,890	114	2,900
8	Free fork height with standard two-stage mast	in mm	5.9	150	5.9	150	5.9	150	6.3	160
9	Forks, thickness x length x width	in mm	2.0x48.0x5.9	50x1,220x150	2.0x48.0x5.9	50x1,220x150	2.0x48.0x5.9	50x1,220x150	2.4x48.0x5.9	60x1,220x150
10	Fork spacing – out-to-out minimum / maximum	in mm	13.5 / 41.0	342 / 1,042	13.5 / 41.0	342 / 1,042	13.5 / 41.0	342 / 1,042	13.5 / 41.0	342 / 1,042
11	Tilt, forward / backward	deg	5 / 10		5 / 10		5 / 10		5 / 10	
12	Length to fork face	in mm	98.8	2,510	100.4	2,550	103	2,620	115	2,910
13	Overall width with standard tires	in mm	46.5	1,180	46.5	1,180	46.5	1,180	52.0	1,320
14	Overall width with wide-stance standard tires	in mm	50.0	1,270	50.0	1,270	50.0	1,270	55.9	1,420
15	Overall height to top of lowered mast	in mm	83.5	2,120	83.5	2,120	83.5	2,120	83.5	2,120
16	Seat height	in mm	47.2	1,200	47.2	1,200	47.2	1,200	47.2	1,200
17	Height to top of overhead guard	in mm	86.8	2,205	86.8	2,205	86.8	2,205	86.8	2,205
18	Overall height with extended mast	in mm	167.5	4,250	167.5	4,250	161	4,090	162.5	4,130
19	Minimum outside turning radius	in mm	88.0	2,235	90.0	2,285	92.1	2,340	100.4	2,550
20	Load moment constant	in mm	17.7	450	17.7	450	18.3	465	18.9	480
21	Minimum aisle – 90° stack – zero clearance w/o load	in mm	106	2,685	108	2,735	110	2,805	119	3,030
PERFORMANCE										
22	Travel speed, loaded / empty	mph km/h	11.8 / 12.1	19.0 / 19.5	11.8 / 12.1	19.0 / 19.5	11.5 / 12.1	18.5 / 19.5	11.2 / 12.1	18.0 / 19.5
23	Lift speed, loaded / empty	fpm m/s	106 / 112	0.54 / 0.57	106 / 112	0.54 / 0.57	76.8 / 82.7	0.39 / 0.42	76.8 / 82.7	0.39 / 0.42
24	Lowering speed, loaded / empty	fpm m/s	108 / 98.4	0.55 / 0.50	108 / 98.4	0.55 / 0.50	86.6 / 80.7	0.44 / 0.41	86.6 / 80.7	0.44 / 0.41
25	Drawbar pull – loaded at 1 mph (1.6 kph)	lb N	5,350	23,780	5,350	23,780	5,350	23,780	5,350	23,780
26	Drawbar pull – loaded maximum	lb N	6,170	27,460	6,170	27,460	6,170	27,460	6,120	27,210
27	Gradeability – loaded at 1 mph (1.6 kph)	%	37.0		33.0		27.0		22.5	
28	Gradeability – maximum, loaded / empty	%	42.0		37.0		30.0		26.0	
WEIGHT										
29	Empty	lb kg	11,550	5,240	12,280	5,570	14,260	6,470	15,850	7,190
30	Axle load with rated load – front	lb kg	16,340	7,710	18,180	8,580	20,925	9,495	24,820	11,260
31	Axle load with rated load – rear	lb kg	2,210	1,030	2,100	990	3,335	1,475	3,030	1,430
32	Axle load without load – front	lb kg	4,620	2,100	4,775	2,165	4,320	1,960	5,335	2,420
33	Axle load without load – rear	lb kg	6,930	3,140	7,505	3,405	9,940	4,510	10,515	4,770
CHASSIS										
34	Tire size – front (standard)	in	22 x 9 x 16		22 x 9 x 16		22 x 9 x 16		22 x 12 x 16	
36	Tire size – rear	in	18 x 7 x 12.1		18 x 7 x 12.1		18 x 7 x 12.1		18 x 8 x 12.1	
37	Wheelbase	in mm	62.0	1,575	62.0	1,575	62.0	1,575	70.1	1,780
38	Tread width – front (standard)	in mm	37.0	940	37.0	940	37.0	940	40.0	1,015
39	Tread width – front (standard, wide-stance)	in mm	40.9	1,040	40.9	1,040	40.9	1,040	44.1	1,120
40	Tread width – rear	in mm	38.6	980	38.6	980	38.6	980	38.0	965
41	Ground clearance at lowest point of mast*	in mm	3.9	100	3.9	100	3.9	100	3.9	100
42	Ground clearance at center of wheelbase	in mm	5.9	150	5.9	150	5.9	150	5.9	150
43	Service brakes		hydraulic with vacuum boost		hydraulic with vacuum boost		hydraulic with vacuum boost		hydraulic with vacuum boost	
44	Parking brakes		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical	
ELECTRICAL										
45	Engine manufacturer and model		PSI 4X		PSI 4X		PSI 4X		PSI 4X	
46	Continuous output (S.A.E. gross)	HP kW	104.6	78.0	104.6	78.0	104.6	78.0	104.6	78.0
47		at rpm	2,600		2,600		2,600		2,600	
48	Maximum torque (S.A.E. gross)	lb-ft Nm	210	285	210	285	210	285	210	285
49		at rpm	1,000		1,000		1,000		1,000	
50	Displacement	cu in L	6 / 262	6 / 4.3	6 / 262	6 / 4.3	6 / 262	6 / 4.3	6 / 262	6 / 4.3
51	Transmission type		powershift		powershift		powershift		powershift	
52	Number of speeds, forward / reverse		1 / 1		1 / 1		1 / 1		1 / 1	
53	Battery	volts	12		12		12		12	
54	Relief pressure for attachments – 3-way valve	psi bar	2,900	200	2,900	200	2,900	200	2,900	200
55	Relief pressure for attachments – 4-way valve	psi bar	2,350	162	2,350	162	2,350	162	2,350	162
56	Noise level	dB(A)	83.5		83.5		83.5		83.5	

* Varies depending on model selection and tire type

SAFETY STANDARDS

These trucks meet American National Standards Institute/Industrial Truck Standards Development Foundation, ANSI/ITSDF B56.1. UL-Classified by Underwriters Laboratories, Inc., as to fire and electric shock hazard only; Types LP, LPS (optional), Industrial Trucks. Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, operation and maintenance of powered industrial trucks, including:

- ANSI/ITSDF B56.1.
- NFPA 505, fire safety standard for powered industrial trucks -type designations, areas of use, maintenance and operation.
- Occupational Safety and Health Administration (OSHA) regulations that may apply.

Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

FGC60K		FGC70K	
13,500	6,000	15,500	7,000
24	600	24	600
LP gas		LP gas	
cushion		cushion	
2x / 2		2x / 2	

93	2,370	93	2,370
6.5	165	6.5	165
2.6x48.0x5.9	65x1,220x150	2.6x48.0x5.9	65x1,220x150
16.3 / 47.8	414 / 1,214	16.3 / 47.8	414 / 1,214
6 / 9		6 / 9	
116	2,950	116	2,950
—	—	—	—
56.7	1,440	56.7	1,440
84.5	2,150	84.5	2,150
50.6	1,285	50.6	1,285
88.8	2,255	88.8	2,255
141.5	3,590	141.5	3,590
101	2,570	101	2,570
20.9	530	20.9	530
122	3,100	122	3,100

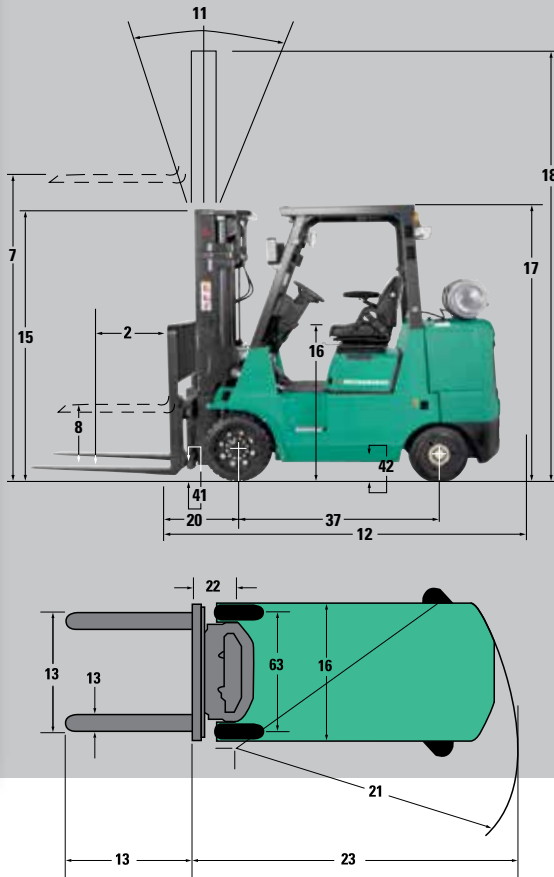
13.0 / 14.3	21.0 / 23.0	12.7 / 14.3	20.5 / 23.0
70.9 / 76.8	0.36 / 0.39	70.9 / 76.8	0.36 / 0.39
106 / 76.8	0.54 / 0.39	106 / 76.8	0.54 / 0.39
6,670	29,665	6,670	29,665
8,210	36,530	8,210	36,530
24.5		21.5	
30.0		27.0	

19,310	8,760	20,900	9,480
29,000	12,920	31,920	14,480
3,810	1,840	4,480	2,000
7,100	3,220	6,990	3,170
12,210	5,540	13,910	6,310

28 x 12 x 22		28 x 12 x 22	
22 x 8 x 16		22 x 8 x 16	
72.0	1,830	72.0	1,830
—	—	—	—
44.5	1,130	44.5	1,130
45.7	1,160	45.7	1,160
3.9	100	3.9	100
7.9	200	7.9	200
hydraulic with vacuum boost		hydraulic with vacuum boost	
hand, mechanical		hand, mechanical	

PSI 4X		PSI 4X	
104.6	78.0	104.6	78.0
2,600		2,600	
210	285	210	285
1,000		1,000	
6 / 262	6 / 4.3	6 / 262	6 / 4.3
powershift		powershift	
2 / 2		2 / 2	
12		12	
2,900	200	2,900	200
2,350	162	2,350	162
83.5		83.5	

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



FGC35K- FGC70K

STC MODELS

All specifications are identical to non-STC counterparts except for items listed below.

CHARACTERISTICS			FGC40K STC		FGC45K STC		FGC55K STC		FGC70K STC	
12	Length to fork face	in mm	94.9	2,410	98.2	2,495	105	2,655	107	2,730
19	Minimum outside turning radius	in mm	82.3	2,090	88.0	2,235	92.5	2,350	97.2	2,470
21	Minimum aisle – 90° stack – zero clearance w/o load	in mm	100.0	2,540	106	2,700	111	2,830	118	3,000
27	Gradeability – loaded at 1 mph (1.6 kph)	%	32.0		27.0		22.0		20.5	
28	Gradeability – maximum, loaded / empty	%	36.0		30.0		25.0		26.0	
29	Empty	lb kg	12,470	5,655	14,350	6,510	16,640	7,550	21,870	9,920
30	Axle load with rated load – front	lb kg	18,210	8,630	21,270	9,650	25,435	11,540	32,560	14,770
31	Axle load with rated load – rear	lb kg	2,260	1,025	3,080	1,360	3,205	1,510	4,810	2,150
32	Axle load without load – front	lb kg	4,830	2,190	4,595	2,085	5,960	2,705	7,790	3,535
33	Axle load without load – rear	lb kg	7,640	3,465	9,755	4,425	10,680	4,845	14,080	6,385

FGC35K-FGC70K

7,000 – 15,500 LB CAPACITY CUSHION TIRE FORKLIFT

Flexible Operation

1. Dust And Foundry Package

This package includes strategically-placed breathers and filters, an under to help keep harmful abrasives out of the internal systems.

2. Ground Speed Control

This feature allows you to set and enforce speed limits on your forklift fleet – especially helpful in applications with a large amount of pedestrian traffic.

3. Foot Directional Control

Ideal for high-cycle applications, this hands-free option allows the operator to control the forklift's direction by foot for added convenience.

4. Reverse Drive Package

Equip your forklift for even greater operator comfort and productivity with a full suspension vinyl swivel seat, rear grab handle and adjustable armrest.



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 truck dealer about details on factory retail programs, financing plans and additional options and dealer services like planned maintenance and operator training.



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