

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 GM 4.3L engine is designed for demanding conditions. Meeting strict CARB and EPA emissions standards, the forklift's engine performs at top levels, while controlling unwanted emissions output.

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	120.1	3,050	120.1	3,050	114.2	2,900	114.2	2,900
8	Free fork height with standard two-stage mast	in mm	5.9	150	5.9	150	6.3	160	6.3	160
9	Forks, thickness x length x width	in mm	2.0x48.0x6.0	50x1,220x150	2.0x48.0x6.0	50x1,220x150	2.0x48.0x6.0	50x1,220x150	2.4x48.0x6.0	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	103.1	2,620	114.6	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	43.3	1,100	43.3	1,100	43.3	1,100	43.3	1,100
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	167.3	4,250	167.3	4,250	162.4	4,125	162.4	4,125
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	105.9	2,690	107.9	2,740	110.6	2,810	119.3	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	77 / 83	0.39 / 0.42	77 / 83	0.39 / 0.42
24	Lowering speed, loaded / empty	fpm m/s	108 / 98	0.55 / 0.50	108 / 98	0.55 / 0.50	87 / 81	0.44 / 0.41	87 / 81	0.44 / 0.41
25	Drawbar pull – loaded at 1 mph (1.6 kph)	lb N	6,283	27,948	6,283	27,948	6,173	27,459	6,118	27,214
26	Drawbar pull – loaded maximum	lb N	7,110	31,627	7,110	31,627	7,000	31,138	6,889	30,644
27	Gradeability – loaded at 1 mph (1.6 kph)	%	37.0		33.0		27.0		22.5	
28	Gradeability – maximum, loaded / empty	%	42.0 / 24.0		37.0 / 21.0		30.0 / 17.5		26.0 / 20.0	
WEIGHT										
29	Empty	lb kg	11,560	5,240	12,280	5,570	14,270	6,470	15,860	7,190
30	Axle load with rated load – front	lb kg	16,349	7,712	17,791	8,412	21,148	9,501	24,694	11,258
31	Axle load with rated load – rear	lb kg	2,211	1,028	2,489	1,158	3,122	1,469	3,166	1,432
32	Axle load without load – front	lb kg	4,628	2,098	4,404	1,997	4,308	1,953	5,339	2,421
33	Axle load without load – rear	lb kg	6,932	3,142	7,876	3,573	9,962	4,517	10,521	4,769
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	
35	Tire size – front (standard, wide-stance)	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		foot, hydraulic		foot, hydraulic		foot, hydraulic		foot, hydraulic	
44	Parking brakes		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical	
ELECTRICAL										
45	Engine manufacturer and model		GM V6		GM V6		GM V6		GM V6	
46	Continuous output (S.A.E. gross)	HP kW	92.5	69.0	92.5	69.0	92.5	69.0	92.5	69.0
47		at rpm	2,450		2,450		2,450		2,450	
48	Maximum torque (S.A.E. gross)	lb-ft Nm	224	304	224	304	224	304	224	304
49		at rpm	1,200		1,200		1,200		1,200	
50	Displacement	cu in L	262	4.3	262	4.3	262	4.3	262	4.3
51	Transmission type		powershift		powershift		powershift		powershift	
52	Number of speeds, forward / reverse		1 / 1		1 / 1		1 / 1		1 / 1	
53	Relief pressure for attachments	psi bar	2,970	205	2,970	205	2,970	205	2,970	205

* 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 cushion		LP gas cushion	
2x / 2		2x / 2	
92.9	2,360	92.9	2,360
6.5	165	6.5	165
2.6x48.0x6.0	65x1,220x150	2.6x48.0x6.0	65x1,220x150
16.3 / 47.8	414 / 1,214	16.3 / 47.8	414 / 1,214
6 / 10		6 / 10	
116.1	2,950	116.1	2,950
56.7	1,440	56.7	1,440
—	—	—	—
84.6	2,150	84.6	2,150
45.4	1,152	45.4	1,152
88.8	2,255	88.8	2,255
141.1	3,585	141.1	3,585
101.2	2,570	101.2	2,570
20.9	530	20.9	530
122.0	3,100	122.0	3,100

13.0 / 14.3	21.0 / 23.0	12.7 / 14.3	20.5 / 23.0
71 / 77	0.36 / 0.39	71 / 77	0.36 / 0.39
106 / 77	0.54 / 0.39	106 / 77	0.54 / 0.39
7,826	34,812	7,716	34,322
9,425	41,924	9,370	41,680
24.5		21.5	
30.0 / 22.0		27.0 / 20.5	

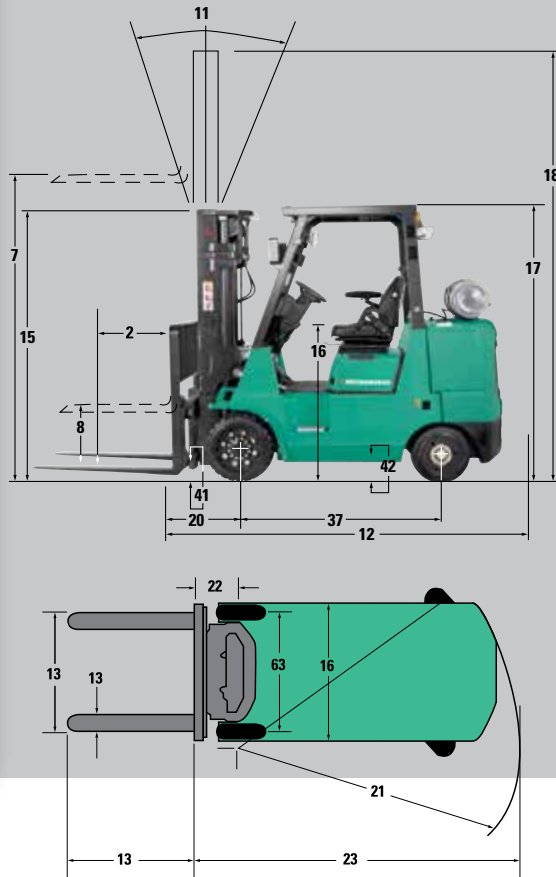
19,320	8,760	20,900	9,480
29,184	13,001	32,306	14,565
3,636	1,759	4,094	1,915
7,264	3,293	7,139	3,238
12,056	5,467	13,761	6,242

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	1,135	44.5	1,130
—	—	—	—
45.7	1,160	45.7	1,160
3.9	100	3.9	100
7.9	200	7.9	200

foot, hydraulic	foot, hydraulic
hand, mechanical	hand, mechanical

GM V6		GM V6	
92.5	69.0	92.5	69.0
2,450		2,450	
224	304	224	304
1,200		1,200	
262	4.3	262	4.3
powershift		powershift	
2 / 2		2 / 2	
2,970	205	2,970	205

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 2,411	98.3 2,496	104.5 2,655	107.5 2,730
19	Minimum outside turning radius	in mm	82.3 2,091	92.1 2,340	92.5 2,350	94.5 2,400
21	Minimum aisle – 90° stack – zero clearance w/o load	in mm	100.0 2,540	110.4 2,805	111.4 2,830	115.3 2,930
27	Gradeability – loaded at 1 mph (1.6 kph)	%	32.0	27.0	22.0	20.5
28	Gradeability – maximum, loaded / empty	%	36.0 / 21.5	30.0 / 17.5	25.0 / 21.0	26.0 / 21.0
29	Empty	lb kg	12,530 5,680	14,280 6,480	16,600 7,530	21,720 9,850
30	Axle load with rated load – front	lb kg	18,285 8,632	21,442 9,639	25,218 11,500	33,077 14,913
31	Axle load with rated load – rear	lb kg	2,245 1,048	2,838 1,341	3,382 1,530	4,143 1,937
32	Axle load without load – front	lb kg	4,905 2,223	4,617 2,095	5,868 2,662	7,923 3,593
33	Axle load without load – rear	lb kg	7,625 3,457	9,663 4,385	10,732 4,868	13,797 6,257

FGC35K-FGC70K

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

Flexible Operation

1. Dust And Foundry Applications

The optional underbelly screen and dual element air cleaners are designed to protect critical components in demanding environments.

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. Application Protection Options

These forklifts can be equipped with UL-approved spark protection components, such as enclosed alternators, spark resistant mufflers, battery disconnect switches and sealed wiring connectors.



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.

