

7,000-15,500 lb Capacity Cushion Tire Forklift Trucks

The FGC35K – FGC70K is built to perform in even the most strenuous work environments that require heavy lifting. The combination of enduring strength and high productivity makes undertaking the more challenging applications less stressful for the operator.

READY TO WORK.

VERSATILE ENVIRONMENTS. The mid-size cushion tire forklift truck series is capable of moving heavy loads in a wide range of indoor applications, including paper and allied products, fabricated metals and general warehousing and storage applications.

EASY ENTRY AND EXIT. An open step, convenient grab bar and seat hip restraint offer three secure points for easy entry and exit from the forklift truck.

ERGONOMIC OPERATOR COMPARTMENT. Designed for operator comfort and convenience. The FGC35K – FGC70K series comes with a contoured full-suspension, vinyl seat and tilt steering column to help ensure comfort during long shifts.

BUILT TO LAST.

POWERFUL MOVEMENT. The GM 4.3L engine is designed for demanding conditions. These engines meet strict CARB and EPA emission standards. The drive-by-wire throttle control enhances fuel efficiency, reduces emissions and allows responsive acceleration.

INTEGRATED PRESENCE SYSTEM (IPS). Helps manage risk by temporarily disengaging the drive and hydraulic functions if operators leave the normal operating position.

ENHANCED VISIBILITY. The narrow mast channels and two forward work lights help expand the operator's range of vision. Light, strobe and signal options can also be added to help raise awareness of the forklift in your application.

AVAILABLE OPTIONS. There are several options available for you to consider. Some of these options include foot directional control, ground speed control, fuel saver mode, and a dust and foundry package.

VALUABLE SOLUTION.

SUPPORT YOU CAN COUNT ON. Mitsubishi Forklift Trucks products are supported by the industry's industry-leading programs for payment options and services, including:

- Up to 500-hour service intervals help you save on maintenance costs with less downtime for service.
- Parts and labor for all systems for one year or 2,000 hours.
- Single source for quality replacement parts for all brands of forklifts.



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CHARACTERISTICS			FGC35K	FGC40K	FGC40K STC	FGC45K C	FGC45K STC	FGC55K	FGC55K STC	FGC60K	FGC70K	FGC70K STC	
1	Capacity	at rated load center	7,000	8,000	8,000	10,000	10,000	12,000	12,000	13,500	15,500	15,500	
2		at load center – distance	24	24	24	24	24	24	24	24	24	24	
3	Power	electric, diesel, gasoline, LP gas	LP gas	LP gas	LP gas	LP gas	LP gas	LP gas	LP gas	LP gas	LP gas	LP gas	
4	Tire type	cushion, pneumatic	cushion	cushion	cushion	cushion	cushion	cushion	cushion	cushion	cushion	cushion	
Dimensions													
5	Lift	maximum fork height with rated load	183.1	183.1	198.8	198.8	198.8	208.7	179.5	198.8	198.8	198.8	
6	Lift with standard two-stage mast	maximum fork height (top of forks)	120.1	120.1	120.1	114.2	114.2	114.2	114.2	92.9	92.9	92.9	
7		free fork height	5.9	5.9	5.9	6.3	6.3	6.3	6.3	6.5	6.5	6.5	
8	Forks	thickness x length x width	2.0x48.0x6.0	2.0x48.0x6.0	2.0x48.0x6.0	2.0x48.0x6.0	2.0x48.0x6.0	2.4x48.0x6.0	2.4x48.0x6.0	2.6x48.0x6.0	2.6x48.0x6.0	2.6x48.0x6.0	
9	Fork spacing	out-to-out minimum / maximum	13.5/41.0	13.5/41.0	13.5/41.0	13.5/41.0	13.5/41.0	13.5/41.0	13.5/41.0	16.3/47.8	16.3/47.8	16.3/47.8	
10	Tilt	forward / backward	5°/10°	5°/10°	5°/10°	5°/10°	5°/10°	5°/10°	5°/10°	6°/9°	6°/9°	6°/9°	
11	Overall Dimensions	length to fork face	98.8	100.4	94.9	103.1	98.3	114.6	104.5	116.1	116.1	107.5	
12		width	standard tires	46.5	46.5	46.5	46.5	46.5	52.0	52.0	56.7	56.7	56.7
13			standard tires, wide-stance	50.0	50.0	50.0	50.0	50.0	55.9	55.9	—	—	—
14		height	with lowered mast	83.5	83.5	83.5	83.5	83.5	83.5	83.5	84.6	84.6	84.6
15			seat height	47.2	47.2	47.2	47.2	47.2	47.2	47.2	50.6	50.6	50.6
16	to top of overhead guard		86.8	86.8	86.8	86.8	86.8	86.8	86.8	88.8	88.8	88.8	
17		with extended mast	168.1	168.1	168.1	162.2	162.2	162.2	162.2	140.9	140.9	140.9	
18		Minimum outside turning radius	88.0	90.0	82.3	92.1	88.0	100.4	92.5	101.2	101.2	97.2	
19		Minimum aisle – 90° stack – zero clearance w/o load	105.9	107.9	100.0	110.6	106.3	119.3	111.4	122.0	122.0	118.1	
Performance													
20	Speeds	travel loaded / empty	11.8 / 12.1	11.8 / 12.1	11.8 / 12.1	11.5 / 12.1	11.5 / 12.1	11.2 / 12.1	11.2 / 12.1	13.0 / 14.3	12.7 / 14.3	12.7 / 14.0	
21			lift speed loaded / empty	106 / 112	106 / 112	106 / 112	77 / 83	77 / 83	77 / 83	77 / 83	71 / 77	71 / 77	71 / 77
22			lowering speed loaded / empty	108 / 98	108 / 98	108 / 98	87 / 81	87 / 81	87 / 81	87 / 81	106 / 77	106 / 77	106 / 77
23	Gradeability	loaded at 1 mph (1.6 km)	37.0	33.0	32.0	27.0	27.0	22.5	22.0	24.5	21.5	20.5	
24			maximum loaded / empty	42.0/24.0	37.0/21.0	36.0/21.5	30.0/17.5	30.0/17.5	26.0/20.0	25.0/21.0	30.0/22.0	27.0/20.5	26.0/21.0
Weight													
25	Empty		11,550	12,280	12,470	14,265	14,350	15,850	16,645	19,310	20,900	21,870	
26	Axle load	with rated load front	16,329	18,152	18,211	21,125	21,471	24,683	25,299	28,996	32,118	32,756	
27			with rated load rear	2,207	2,118	2,257	3,116	2,927	3,162	3,325	3,798	4,256	4,420
			without load front	4,618	4,768	4,827	4,299	4,646	5,334	4,951	7,086	6,963	7,601
			without load rear	6,918	7,502	7,641	9,941	9,753	10,510	10,674	12,207	13,911	14,076
Chassis													
28	Ground clearance	at lowest point of mast	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	
29			at center of wheel base	5.9	5.9	5.9	5.9	5.9	5.9	5.9	7.9	7.9	7.9
30	Brakes	service	foot, hydr.	foot, hydr.	foot, hydr.	foot, hydr.	foot, hydr.	foot, hydr.	foot, hydr.	foot, hydr.	foot, hydr.	foot, hydr.	
31			parking	hand, mech.	hand, mech.	hand, mech.	hand, mech.	hand, mech.	hand, mech.	hand, mech.	hand, mech.	hand, mech.	
Powertrain													
32	Engine	model	GM V6	GM V6	GM V6	GM V6	GM V6	GM V6	GM V6	GM V6	GM V6	GM V6	
33			continuous output	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
34			(S.A.E. gross)	at r.p.m.	2,450	2,450	2,450	2,450	2,450	2,450	2,450	2,450	
35			maximum torque	220	220	220	220	220	220	220	220	220	
36		(S.A.E. gross)	at r.p.m.	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200		
37		cylinder displacement	262	262	262	262	262	262	262	262	262		
38	Transmission	type	powershift	powershift	powershift	powershift	powershift	powershift	powershift	powershift	powershift	powershift	
39			number of speeds forward / reverse	1/1	1/1	1/1	1/1	1/1	1/1	1/1	2/2	2/2	
40	Relief pressure	for attachments at main	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	2,250	

NOTE: These specifications assume the use of drive axles, tires and tilt angles specified. Any modification to specifications, or any other combination of specifications made after the shipment of the truck, requires prior written approval from Mitsubishi Caterpillar Forklift America Inc. (MCFA). (See ANSI/ITSDF B56.1.)

Also be advised that overall operating visibility may be affected by the mast configuration and mast options of your forklift truck. Therefore, you may need to add ancillary (auxiliary) devices or modify your operating practices. Consult your dealer for further information.

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.

