

SPECIFICATIONS

5k Ind

6k Quad

CHARACTERISTICS			GC20K		GC20K HP		GC25K		GC25K HP		GC30K			
1	Capacity	at rated load center	lb	kg	4000	2000	4000	2000	5000	2500	5000	2500	6000	3000
2		at load center - distance		in	mm	4	500	24	500	24	500	24	500	24
3	Power	diesel, gasoline, LP gas			gasoline / LP gas		gasoline / LP gas		gasoline / LP gas		gasoline / LP gas		gasoline / LP gas	
4	Tire type	cushion, pneumatic			cushion		cushion		cushion		cushion		cushion	
5	Wheels (x = driven)	number front / rear			2x/2		2x/2		2x/2		2x/2		2x/2	
DIMENSIONS														
10	Lift with standard Simplex mast	maximum fork height with rated load	in	mm	162	4120	162	4120	162	4120	162	4120	178	4540
11		maximum fork height	in	mm	131	3340	131	3340	131	3340	131	3340	130	3315
12		free fork height	in	mm	5.1	130	5.1	130	5.1	130	5.1	130	5.3	135
13	Forks	thickness x length x width	in mm		1.8 x 42 x 4 40 x 1067 x 100		1.8 x 42 x 4 40 x 1067 x 100		1.8 x 42 x 4 40 x 1067 x 100		1.8 x 42 x 4 40 x 1067 x 100		1.8 x 42 x 5 45 x 1067 x 125	
	Fork spacing	out-to-out minimum / maximum	in mm		8/36 200/920		8/36 200/920		8/36 200/920		8/36 200/920		10/38 200/960	
14	Tilt	forward / backward			5 / 10		5 / 10		5 / 10		5 / 10		5 / 6	
15		length to fork face	in	mm	87.5	2227	87.5	2227	90.0	2288	90.0	2288	96.0	2437
16	Overall dimensions	width	with standard tires	in mm	41.5	1055	41.5	1055	41.5	1055	41.5	1055	43.5	1105
			w/standard tires, wide-stance	in mm	43.5	1103	43.5	1103	43.5	1103	43.5	1103	NA	NA
			w/standard tires, wide-axle	in mm	46	1168	46	1168	46	1168	46	1168	48	1219
		height	with lowered mast	in mm	83.5	2110	83.5	2110	85	2155	85	2155	85	2155
			seat height	in mm	43.5	110	43.5	1110	43.5	1110	43.5	1110	43.5	1110
19		to top of overhead guard	in mm	81	2050	81	2050	81	2050	81	2050	81	2050	
20		with extended mast	in mm	180	4565	180	4565	180	4565	180	4565	176	4535	
21	Minimum outside turning radius		in mm	76.5	1945	76.5	1945	79	2000	79	2000	85.5	2170	
22	Load moment constant		in mm	15.7	399	15.7	399	15.7	399	15.7	399	16.2	412	
23	Minimum aisle - 90° stack - zero clearance		in mm	92.5	2345	92.5	2345	94.5	2400	94.5	2400	101.5	2580	
PERFORMANCE														
40	Speeds	travel loaded / empty	mph	km/h	10/10.5	16/16.5	10/10.5	16/17	10/10.5	16/16.5	10/10.5	16/17	10/10.5	16/16.5
41		lift speed loaded / empty	fpm	m/s	100/108	51/55	104/112	53/57	100/108	51/55	104/112	53/57	93/98	47/50
42		lowering speed loaded / empty	fpm	m/s	98/98	50/50	98/98	50/50	98/98	50/50	98/98	50/50	98/98	50/50
43	Drawbar pull	loaded at 1 mph (1.6 km)	lb	N	2725	12,200	3475	15,400	2700	12,000	3450	15,300	3400	15,100
		loaded maximum	lb	N	3300	14,700	4075	18,100	3275	14,600	4050	18,000	4025	17,900
44	Gradeability	loaded at 1 mph (1.6 km)			25.5		33		21		27.5		23	
		maximum loaded / empty			31.5 / 24		40 / 24		26 / 19		33.5 / 19		28 / 21	
WEIGHT														
50	Empty		lb	kg	7300	3300	7300	3300	8100	3675	8100	3675	9200	4175
51	Axle load	with rated load front / rear	lb	kg	9900/1390	4650/625	9900/1390	4650/625	11,400/1700	5400/780	11,400/1700	5400/780	13,300/1870	6300/860
		without load front / rear	lb	kg	2925/4375	1320/1980	2925/4375	1320/1980	2700/5400	1210/2460	2700/5400	1210/2460	3200/6000	1475/2700
CHASSIS														
60	Tire size	front	in		21 x 7 x 15		21 x 7 x 15		21 x 7 x 15		21 x 7 x 15		21 x 8 x 15	
61		rear	in		16 x 5 x 10.5		16 x 5 x 10.5		16 x 6 x 10.5		16 x 6 x 10.5		16 x 6 x 10.5	
62	Wheelbase		in	mm	53	1350	53	1350	53	1350	53	1350	59	1500
63	Tread width	front, standard tires	in	mm	34.5	877	34.5	877	34.5	877	34.5	877	35.5	902
		front, wide-stance tires	in	mm	36.5	925	36.5	925	36.5	925	36.5	925	NA	NA
		front, wide-axle	in	mm	39	990	39	990	39	990	39	990	40	1015
64		rear tires	in	mm	36.5	922	36.5	922	35.5	897	35.5	897	35.5	897
65	Ground clearance	at lowest point @ mast	in	mm	3.0	75	3.0	75	3.0	75	3.0	75	3.0	75
66		at center of wheelbase	in	mm	5.1	130	5.1	130	5.1	130	5.1	130	5.1	130
67	Brakes	service			foot, hydraulic		foot, hydraulic		foot, hydraulic		foot, hydraulic		foot, hydraulic	
68		parking			hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical	
POWERTRAIN														
80	Engine	manufacturer and model			Mitsubishi 4G63		Mitsubishi 4G64		Mitsubishi 4G63		Mitsubishi 4G64		Mitsubishi 4G64	
81		continuous output S.A.E. gross	HP	kW	46	34.5	57	42.5	46	34.5	57	42.5	57	42.5
			at r.p.m.			2400		2400		2400		2400		2400
82		maximum torque S.A.E. gross	lb-ft	kg-m	105	14.2	130	18	105	14.2	130	18	130	18
			at r.p.m.			1600		1600		1600		1600		1600
83		cylinder / displacement	cu in		cm ³		122 1995		143 2350		122 1995		143 2350	
84	Transmission	type			powershift		powershift		powershift		powershift		powershift	
85		number of speeds forward / reverse			1 / 1		1 / 1		1 / 1		1 / 1		1 / 1	
86	Relief pressure	for attachments (4-way valve)	psi	bar	2250		2250		2250		2250		2250	
87	Noise level	mean value at operator's ear	dB(A)		78		78		78		78		78	

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 B56.1 Part II 4.2.) Also be advised that overall operating visibility may be affected by the mast configuration and mast options of your lift truck. Therefore, you may need to add ancillary [auxiliary] devices or modify your operating practices. Consult your dealer for further information.