PNEUMATIC TIRE FORKLIFT

3,000-7,000 LB CAPACITY LP GAS, GASOLINE AND DIESEL MODELS

YOUR GO-TO PNEUMATIC TIRE FORKLIFT TRUCK

MITSUBISHI FORKLIFT TRUCKS

Courtesy of CraneMarket.com

COMFORT COMES STANDARD.

STEP INTO THE OPERATOR COMPARTMENT OF AN FG15N-FG35N / FD20N-FD35N

- Designed for operator comfort
- Adjustable seating for flexibility
- Enhanced visibility
- Memory tilt steering

All come together to create a working environment that reduces fatigue through even the longest shifts.

Comfortable Operator Compartment: With three-point access, operators of any size can easily enter the operator compartment of these Mitsubishi forklift trucks. The large floor space provides maximum operator comfort, especially during long shifts, while the “through the floor” pedal design further reduces operator fatigue and discomfort throughout the day.

Operator Comfort: Optional fingertip control armrest provides operators with low-effort levers and length / height adjustment, all while increasing precision and control.

Enhanced Operator Visibility: From the standard lighting package, which includes two forward LED work lights, to the absence of crossbars in the overhead guard and the specially-designed mast, the design of the forklift allows for improved visibility in all directions during operation.

Adjustable Steering: The forklift’s steering column is equipped with standard memory tilt steering. Allowing for infinite adjustment in a 12 degree range, the steering column’s “memory” feature retains the operator’s preferred settings for added convenience and comfort during operation.

Every operator is different, so the key to creating a comfortable shift is a flexible design.

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Features	Standard	Optional
Ergonomic seat	●	
Memory tilt steering column	●	
Integrated Presence System	●	
Two forward work lights	●	
Full-suspension seat		●
Swivel seat package		●
Swing-down LP tank bracket		●

The FG15N series delivers superior lift and travel speeds, powerful acceleration and the ability to move 7,800 more loads per year than the competition*. Gain up to 8% more productivity with Mitsubishi forklift trucks.

*Based on cycle testing in which this model completed three more cycles in an hour than the leading competitors. Assuming 10-hour shifts, five-day work weeks and a 52-week year, these results can be calculated to run up to 7,800 more cycles than the leading competition in a given year.

Courtesy of CraneMarket.com

PERFORMANCE AND SERVICE.

QUALITY COMPONENTS AND EASY MAINTENANCE MEAN INCREASED UPTIME

- Smooth powerful engines
- Enhanced engine protection
- Reliable components
- Easy service access
- Flexible options

These forklifts are built to perform from the ground up.

LPG / Gas Engine –
Efficient From The Inside Out

Equipped with an efficient GK21 / GK25 engine, these forklifts offer the power you need. A drive-by-wire throttle control allows for enhanced efficiency, reduced emissions and responsive acceleration, while the exhaust system provides a three-way catalyst that lowers the amount of emissions released into the environment.

Diesel Engine – Now Tier 4 Final Compliant

The new 4EG 3.3L diesel engine is built with cutting-edge emissions technologies to meet the Environmental Protection Agency's (EPA) Tier 4 final requirements, while still maintaining the high levels of productivity that your business demands. These include:

- **Utilizing a high pressure common rail fuel injection system –** to ensure the diesel burns cleanly with optimum power output.
- **Employing an exhaust gas recirculation system –** this sends exhaust gas back through the system after cooling to limit harmful emissions, while a diesel oxidation catalyst oxidizes harmful particulate matter.

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Cool And Quiet: The forklift's fan and radiator system is equipped with a horizontal cross flow cooling system to help keep the engine cool and functioning at peak performance. The corrugated design provides optimal heat exchange, while the aluminum core helps to prevent corrosion. The direct drive fan also reduces noise and necessary maintenance, benefiting your operators and your business.

Engine Protection: Regulated by the Vehicle Control Module, the Engine Protection System keeps the truck running at desirable levels while helping to prevent damage to the forklift, saving you money. If any of the vital fluids become critically low, RPM levels are automatically lowered and the operator is immediately notified by a light on the dash display.

Easy Service Access: Tool-free access to the engine compartment makes routine maintenance, such as cleaning radiator fins, much easier. Additionally, the Vehicle Control Module is conveniently located under the dashboard cup holder, making it readily accessible.

Additional options are available to customize the forklift for your application:

- Bottler's Tilt
- Square Fin Radiator
- Warning Lights
- Air Intake Precleaner
- Underbelly Screen
- Fuel Saver Mode
- Foundry/Brick Protection
- Cotton Fiber Protection

Courtesy of CraneMarket.com

	CHARACTERISTICS			FG15N		FG18N		FG20CN		FG20N	
1	Capacity at rated load center	lb	*kg*	3,000	*1,500*	3,500	*1,750*	4,000	*2,000*	4,000	*2,000*
2	Capacity at load center – distance	in	*mm*	24	*500*	24	*500*	24	*500*	24	*500*
3	Power			gasoline/LPG		gasoline/LPG		gasoline/LPG		gasoline/LPG	
4	Tire type			pneumatic		pneumatic		pneumatic		pneumatic	
5	Wheels (x = driven)			2x / 2		2x / 2		2x / 2		2x / 2	
	DIMENSIONS										
6	Maximum fork height – with standard two-stage mast	in	*mm*	131	*3,325*	131	*3,325*	131	*3,325*	131.5	*3,340*
7	Free fork height – with standard two-stage mast	in	*mm*	4.5	*115*	4.5	*115*	4.7	*120*	5.5	*140*
8	Fork dimensions – length x width x thickness	in	*mm*	1.4 x 42.0 x 3.9	*35 x 1,070 x 100*	1.4 x 42.0 x 3.9	*35 x 1,070 x 100*	1.6 x 42.0 x 3.9	*40 x 1,070 x 100*	1.6 x 42.0 x 3.9	*40 x 1,070 x 100*
9	Fork spacing, out-to-out minimum / maximum	in	*mm*	7.9 / 36.2	*200 / 920*	7.9 / 36.2	*200 / 920*	7.9 / 36.2	*200 / 920*	8.7 / 39.4	*220 / 1,000*
10	Tilt, forward / backward	deg		6° / 10°		6° / 10°		6° / 10°		6° / 10°	
11	Length to fork face	in	*mm*	89.0	*2,260*	90.4	*2,295*	92.5	*2,350*	98.0	*2,490*
12	Overall width with standard tires	in	*mm*	41.9	*1,065*	41.9	*1,065*	41.9	*1,065*	45.3	*1,150*
13	Overall width with optional duals	in	*mm*	-		-		-		64.6	*1,640*
14	Height with lowered mast	in	*mm*	84.5	*2,140*	84.5	*2,140*	84.5	*2,140*	84.5	*2,145*
15	Seat height	in	*mm*	44.4	*1,127*	44.4	*1,127*	44.4	*1,127*	44.8	*1,137*
16	Height to top of overhead guard	in	*mm*	82.7	*2,100*	82.7	*2,100*	82.7	*2,100*	82.9	*2,105*
17	Height with extended mast	in	*mm*	179	*4,549*	179	*4,549*	179	*4,549*	180	*4,564*
18	Minimum outside turning radius	in	*mm*	76.8	*1,950*	78.0	*1,980*	79.5	*2,020*	86.6	*2,200*
19	Load moment constant	in	*mm*	15.7	*400*	15.7	*400*	16.3	*415*	17.9	*455*
20	Minimum aisle – 90° stack – zero clearance without load	in	*mm*	92.5	*2,350*	93.7	*2,380*	95.9	*2,435*	105	*2,655*
	PERFORMANCE										
21	Travel speed, loaded / empty	mph	*km/h*	10.9 / 11.8	*17.5 / 19.0*	10.9 / 11.8	*17.5 / 19.0*	11.2 / 11.5	*18.0 / 18.5*	10.6 / 11.5	*17.0 / 18.5*
22	Lift speed, loaded / empty	fpm	*mm/s*	122 / 124	*0.62 / 0.63*	122 / 124	*0.62 / 0.63*	122 / 124	*0.62 / 0.63*	112 / 116	*0.57 / 0.59*
23	Lowering speed, loaded / empty	fpm	*m/s*	98.4 / 98.4	*0.50 / 0.50*	98.4 / 98.4	*0.50 / 0.50*	98.4 / 98.4	*0.50 / 0.50*	98.4 / 98.4	*0.50 / 0.50*
24	Drawbar pull loaded (60-minute rating)	lb	*N*	3,910	*17,400*	3,910	*17,400*	3,870	*17,200*	3,840	*17,100*
25	Drawbar pull loaded maximum (5-minute rating)	lb	*N*	4,560	*20,300*	4,560	*20,300*	4,500	*20,000*	4,500	*20,000*
26	Gradeability loaded at 1 mph (1.6 km)	%		39.0		39.0		38.0		35.0	
27	Gradeability maximum, loaded / empty	%		63.0		55.0		46.0		41.0	
	WEIGHT										
28	Empty	lb	*kg*	5,650	*2,560*	6,070	*2,750*	6,750	*3,040*	7,370	*3,340*
29	Axle load with rated load, front / rear (est.)	lb	*kg*	7,710 / 940	*3,620 / 440*	8,460 / 1,110	*3,980 / 520*	9,370 / 1,380	*4,390 / 650*	9,950 / 1,420	*4,660 / 685*
30	Axle load without load, front / rear (est.)	lb	*kg*	2,490 / 3,160	*1,130 / 1,430*	2,370 / 3,700	*1,080 / 1,670*	2,390 / 4,360	*1,080 / 1,960*	3,240 / 4,130	*1,470 / 1,870*
	CHASSIS										
31	Tire size – front (standard)	in		6.5 x 10 - 10PR		6.5 x 10 - 10PR		6.5 x 10 / 5.0 Solid		7.0 x 12 - 12PR	
32	Tire size – front (optional duals)	in		-		-		-		7.0 x 12 - 12PR	
33	Tire size – rear	in		5.0 x 8 - 10PR		5.0 x 8 - 10PR		5.0 x 8 / 3.0 Solid		6.0 x 9 - 10PR	
34	Wheelbase	in	*mm*	55.1	*1,400*	55.1	*1,400*	55.1	*1,400*	63.0	*1,600*
35	Tread width – front (standard tires)	in	*mm*	35.0	*890*	35.0	*890*	35.0	*890*	37.8	*960*
36	Tread width – front (optional duals)	in	*mm*	-		-		-		47.4	*1,205*
37	Tread width – rear	in	*mm*	35.4	*900*	35.4	*900*	35.4	*900*	38.6	*980*
38	Ground clearance at lowest point of mast	in	*mm*	4.3	*110*	4.3	*110*	4.3	*110*	4.6	*117*
39	Ground clearance at center of wheelbase	in	*mm*	6.0	*152*	6.0	*152*	6.0	*152*	6.6	*167*
40	Service brakes	type		foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic	
41	Parking brakes	type		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical	
	ELECTRICAL										
42	Engine model			GK21E		GK21E		GK21E		GK21E	
43	Continuous output S.A.E. gross	HP	*kW*	53.0	*39.6*	53.0	*39.6*	53.0	*39.6*	53.0	*39.6*
44		at rpm		2,700		2,700		2,700		2,700	
45	Maximum torque S.A.E. gross	lb-ft	*Nm*	110	*149*	110	*149*	110	*149*	110	*149*
46		at rpm		2,000		2,000		2,000		2,000	
47	Cylinders / displacement	cu in	*L*	4 / 126	*4 / 2.1*	4 / 126	*4 / 2.1*	4 / 126	*4 / 2.1*	4 / 126	*4 / 2.1*
48	Transmission type			powershift		powershift		powershift		powershift	
49	Number of speeds, forward / reverse			1 / 1		1 / 1		1 / 1		1 / 1	
50	Battery			12		12		12		12	
51	Relief pressure for attachments	psi	*bar*	2,610	*180*	2,610	*180*	2,610	*180*	2,610	*180*
52	Noise level – mean value at operator's ear Leq	dB(A)		73.5		73.5		73.5		73.5	

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. Availability: Types G, LP and D standard. Types GS, LPS and DS optional. 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.

	FD20N		FG25N		FD25N		FG28N		FD28N		FG30N	
1	4,000	*2,000*	5,000	*2,500*	5,000	*2,500*	5,500	*2,800*	5,500	*2,800*	6,000	*3,000*
2	24	*500*	24	*500*	24	*500*	24	*500*	24	*500*	24	*500*
3	diesel		gasoline/LPG		diesel		gasoline/LPG		diesel		gasoline/LPG	
4	pneumatic		pneumatic		pneumatic		pneumatic		pneumatic		pneumatic	
5	2x / 2		2x / 2		2x / 2		2x / 2		2x / 2		2x / 2	
6	131.5	*3,340*	131.5	*3,340*	131.5	*3,340*	130.5	*3,315*	130.5	*3,315*	130.5	*3,315*
7	5.5	*140*	5.5	*140*	5.5	*140*	5.7	*145*	5.7	*145*	5.7	*145*
8	1.6x42.0x3.9	*40x 1,070x 100*	1.6x42.0x3.9	*40x 1,070x 100*	1.6x42.0x3.9	*40x 1,070x 100*	1.8x42.0x4.9	*45x 1,070x 125*	1.8x42.0x4.9	*45x 1,070x 125*	1.8x42.0x4.9	*45x 1,070x 125*
9	8.7 / 39.4	*220 / 1,000*	8.7 / 39.4	*220 / 1,000*	8.7 / 39.4	*220 / 1,000*	9.8 / 39.4	*250 / 1,000*	9.8 / 39.4	*250 / 1,000*	9.8 / 39.4	*250 / 1,000*
10	6° / 10°		6° / 10°		6° / 10°		6° / 10°		6° / 10°		6° / 10°	
11	98.0	*2,490*	100	*2,550*	100.0	*2,550*	104	*2,645*	104	*2,645*	107	*2,720*
12	45.3	*1,150*	45.3	*1,150*	45.3	*1,150*	50.2	*1,275*	50.2	*1,275*	50.2	*1,275*
13	64.6	*1,640*	64.6	*1,640*	64.6	*1,640*	67.5	*1,715*	67.5	*1,715*	67.5	*1,715*
14	84.5	*2,145*	84.5	*2,145*	84.5	*2,145*	85.5	*2,165*	85.5	*2,165*	85.5	*2,165*
15	44.8	*1,137*	44.8	*1,137*	44.8	*1,137*	46.7	*1,187*	46.7	*1,187*	46.7	*1,187*
16	82.9	*2,105*	82.9	*2,105*	82.9	*2,105*	83.7	*2,125*	83.7	*2,125*	83.7	*2,125*
17	180	*4,564*	180	*4,564*	180	*4,564*	178.5	*4,536*	178.5	*4,536*	178.5	*4,536*
18	86.6	*2,200*	87.8	*2,230*	87.8	*2,230*	91.1	*2,315*	91.1	*2,315*	93.7	*2,380*
19	17.9	*455*	17.9	*455*	17.9	*455*	19.3	*490*	19.3	*490*	19.3	*490*
20	105	*2,655*	106	*2,685*	106	*2,685*	110	*2,805*	110	*2,805*	113	*2,870*
21	10.3 / 11.2	*16.5 / 18.0*	10.6 / 11.5	*17.0 / 18.5*	10.3 / 10.9	*16.5 / 17.5*	10.6 / 11.2	*17.0 / 18.0*	9.9 / 10.9	*16.0 / 17.5*	10.6 / 11.2	*17.0 / 18.0*
22	120 / 126	*0.61 / 0.64*	112 / 116	*0.57 / 0.59*	120 / 126	*0.61 / 0.64*	98.4 / 102	*0.50 / 0.52*	96.5 / 100	*0.49 / 0.51*	98.4 / 102	*0.50 / 0.52*
23	98.4 / 98.4	*0.50 / 0.50*	98.4 / 98.4	*0.50 / 0.50*	98.4 / 98.4	*0.50 / 0.50*	98.4 / 98.4	*0.50 / 0.50*	98.4 / 98.4	*0.50 / 0.50*	98.4 / 98.4	*0.50 / 0.50*
24	3,960	*17,600*	3,840	*17,100*	3,960	*17,600*	4,990	*22,200*	3,960	*17,600*	4,990	*22,200*
25	4,520	*20,100*	4,520	*20,100*	4,520	*20,100*	5,800	*25,800*	4,540	*20,200*	5,800	*25,800*
26	36.0		30.0		31.0		36.0		28.0		34.0	
27	42.0		36.0		37.0		43.0		32.0		41.0	
28	7,610	*3,450*	7,990	*3,620*	8,210	*3,720*	9,090	*4,120*	9,330	*4,230*	9,400	*4,260*
29	10,060 / 1,550	*4,720 / 730*	11,570 / 1,420	*5,450 / 670*	11,650 / 1,560	*5,490 / 730*	12,950 / 1,640	*6,100 / 770*	13,050 / 1,780	*6,150 / 830*	13,790 / 1,610	*6,390 / 870*
30	3,340 / 4,270	*1,510 / 1,940*	3,190 / 4,800	*1,440 / 2,180*	3,260 / 4,950	*1,480 / 2,240*	3,670 / 5,420	*1,660 / 2,460*	3,730 / 5,600	*1,690 / 2,540*	3,860 / 5,540	*1,700 / 2,560*
31	7.0 x 12 - 12PR		7.0 x 12 - 12PR		7.0 x 12 - 12PR		28 x 9 x 15 - 12PR		28 x 9 x 15 - 12PR		28 x 9 x 15 - 12PR	
32	7.0 x 12 - 12PR		7.0 x 12 - 12PR		7.0 x 12 - 12PR		28 x 9 x 15 - 12PR		28 x 9 x 15 - 12PR		28 x 9 x 15 - 12PR	
33	6.0 x 9 - 10PR		6.0 x 9 - 10PR		6.0 x 9 - 10PR		6.5 x 10 - 10PR		6.5 x 10 - 10PR		6.5 x 10 - 10PR	
34	63.0	*1,600*	63.0	*1,600*	63.0	*1,600*	63.8	*1,620*	63.8	*1,620*	66.9	*1,700*
35	37.8	*960*	37.8	*960*	37.8	*960*	41.7	*1,060*	41.7	*1,060*	41.7	*1,060*
36	47.4	*1,205*	47.4	*1,205*	47.4	*1,205*	47.2	*1,200*	47.2	*1,200*	47.2	*1,200*
37	38.6	*980*	38.6	*980*	38.6	*980*	38.6	*980*	38.6	*980*	38.6	*980*
38	4.6	*117*	4.6	*117*	4.6	*117*	5.4	*136*	5.4	*136*	5.4	*136*
39	6.6	*167*	6.6	*167*	6.6	*167*	7.4	*189*	7.4	*189*	7.4	*189*
40	foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic	
41	hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical	
42	4EG		GK21E		4EG		GK25E		4EG		GK25E	
43	48.0	*36.0*	53.0	*39.6*	48.0	*36.0*	61.0	*45.8*	48.0	*36.0*	61.0	*45.8*
44	2,250		2,700		2,250		2,700		2,250		2,700	
45	131	*177*	110	*149*	131	*177*	129	*175*	131	*177*	129	*175*
46	1,800		2,000		1,800		1,600		1,800		1,600	
47	4 / 203	*4 / 3.3*	4 / 126	*4 / 2.1*	4 / 203	*4 / 3.3*	4 / 152	*4 / 2.5*	4 / 203	*4 / 3.3*	4 / 152	*4 / 2.5*
48	powershift		powershift		powershift		powershift		powershift		powershift	
49	1 / 1		1 / 1		1 / 1		1 / 1		1 / 1		1 / 1	
50	12		12		12		12		12		12	
51	2,610	*180*	2,610	*180*	2,610	*180*	2,610	*180*	2,610	*180*	2,610	*180*
52	75.5		73.5		75.5		76.5		75.5		76.5	

	CHARACTERISTICS			FD30N		FG33N		FD33N		FG35N	
1	Capacity at rated load center	lb	*kg*	6,000	*3,000*	6,500	*3,300*	6,500	*3,300*	7,000	*3,500*
2	Capacity at load center – distance	in	*mm*	24	*500*	24	*500*	24	*500*	24	*500*
3	Power			diesel		gasoline/LPG		diesel		gasoline/LPG	
4	Tire type			pneumatic		pneumatic		pneumatic		pneumatic	
5	Wheels (x = driven)			2x / 2		2x / 2		2x / 2		2x / 2	
	DIMENSIONS										
6	Maximum fork height – with standard two-stage mast	in	*mm*	130.5	*3,315*	131.5	*3,350*	131.5	*3,350*	131.5	*3,350*
7	Free fork height – with standard two-stage mast	in	*mm*	5.7	*145*	5.9	*150*	5.9	*150*	5.9	*150*
8	Fork dimensions – length x width x thickness	in	*mm*	1.8 x 42.0 x 4.9	*45 x 1,070 x 125*	2.0 x 42.0 x 4.9	*50 x 1,070 x 125*	2.0 x 42.0 x 4.9	*50 x 1,070 x 125*	2.0 x 42.0 x 4.9	*50 x 1,070 x 125*
9	Fork spacing, out-to-out minimum / maximum	in	*mm*	9.8 / 39.4	*250 / 1,000*	9.8 / 39.4	*250 / 1,000*	9.8 / 39.4	*250 / 1,000*	9.8 / 39.4	*250 / 1,000*
10	Tilt, forward / backward	deg		6° / 10°		6° / 10°		6° / 10°		6° / 10°	
11	Length to fork face	in	*mm*	107	*2,720*	108	*2,750*	108	*2,750*	110	*2,790*
12	Overall width with standard tires	in	*mm*	50.2	*1,275*	50.2	*1,275*	50.2	*1,275*	50.8	*1,290*
13	Overall width with optional duals	in	*mm*	67.5	*1,715*	67.5	*1,715*	67.5	*1,715*	67.5	*1,715*
14	Height with lowered mast	in	*mm*	85.5	*2,165*	90.5	*2,299*	90.5	*2,299*	90.5	*2,299*
15	Seat height	in	*mm*	46.7	*1,187*	46.7	*1,187*	46.7	*1,187*	46.7	*1,187*
16	Height to top of overhead guard	in	*mm*	83.7	*2,125*	83.7	*2,125*	83.7	*2,125*	84.3	*2,140*
17	Height with extended mast	in	*mm*	178.5	*4,536*	180	*4,566*	180	*4,566*	180	*4,566*
18	Minimum outside turning radius	in	*mm*	93.7	*2,380*	95.7	*2,430*	95.7	*2,430*	96.1	*2,440*
19	Load moment constant	in	*mm*	19.3	*490*	19.3	*490*	19.3	*490*	19.5	*495*
20	Minimum aisle – 90° stack – zero clearance without load	in	*mm*	113	*2,870*	115	*2,920*	115	*2,920*	116	*2,935*
	PERFORMANCE										
21	Travel speed, loaded / empty	mph	*km/h*	9.9 / 10.9	*16.0 / 17.5*	10.9 / 11.5	*17.5 / 18.5*	10.3 / 11.2	*16.5 / 18.0*	10.9 / 11.5	*17.5 / 18.5*
22	Lift speed, loaded / empty	fpm	*mm/s*	96.5 / 100	*0.49 / 0.51*	98.4 / 102	*0.50 / 0.52*	96.5 / 100	*0.49 / 0.51*	82.7 / 86.6	*0.42 / 0.44*
23	Lowering speed, loaded / empty	fpm	*m/s*	98.4 / 98.4	*0.50 / 0.50*	98.4 / 98.4	*0.50 / 0.50*	98.4 / 98.4	*0.50 / 0.50*	98.4 / 98.4	*0.50 / 0.50*
24	Drawbar pull loaded (60-minute rating)	lb	*N*	3,960	*17,600*	4,610	*20,500*	3,620	*16,100*	4,610	*20,500*
25	Drawbar pull loaded maximum (5-minute rating)	lb	*N*	4,540	*20,200*	5,310	*23,600*	4,140	*18,400*	5,310	*23,600*
26	Gradeability loaded at 1 mph (1.6 km)	%		26.0		29.0		22.0		27.0	
27	Gradeability maximum, loaded / empty	%		30.0		33.0		25.0		32.0	
	WEIGHT										
28	Empty	lb	*kg*	9,640	*4,370*	10,150	*4,600*	10,390	*4,710*	10,340	*4,690*
29	Axle load with rated load, front / rear (est.)	lb	*kg*	13,890 / 1,750	*6,550 / 820*	14,590 / 2,060	*6,880 / 970*	14,700 / 2,190	*6,920 / 1,040*	15,400 / 1,990	*7,250 / 940*
30	Axle load without load, front / rear (est.)	lb	*kg*	3,920 / 5,720	*1,770 / 2,600*	3,790 / 6,360	*1,710 / 2,890*	3,890 / 6,500	*1,760 / 2,950*	3,700 / 6,640	*1,680 / 3,010*
	CHASSIS										
31	Tire size – front (standard)	in		28 x 9 x 15 - 12PR		250 x 15 - 16PR		250 x 15 - 16PR		250 x 15 - 16PR	
32	Tire size – front (optional duals)	in		28 x 9 x 15 - 12PR		28 x 9 x 15 - 12PR		28 x 9 x 15 - 12PR		28 x 9 x 15 - 12PR	
33	Tire size – rear	in		6.5 x 10 - 10PR		6.5 x 10 - 12PR		6.5 x 10 - 12PR		6.5 x 10 - 12PR	
34	Wheelbase	in	*mm*	66.9	*1,700*	66.9	*1,700*	66.9	*1,700*	66.9	*1,700*
35	Tread width – front (standard tires)	in	*mm*	41.7	*1,060*	41.7	*1,060*	41.7	*1,060*	41.7	*1,060*
36	Tread width – front (optional duals)	in	*mm*	47.2	*1,200*	47.2	*1,200*	47.2	*1,200*	47.2	*1,200*
37	Tread width – rear	in	*mm*	38.6	*980*	38.6	*980*	38.6	*980*	38.6	*980*
38	Ground clearance at lowest point of mast	in	*mm*	5.4	*136*	5.4	*136*	5.4	*136*	5.7	*146*
39	Ground clearance at center of wheelbase	in	*mm*	7.4	*189*	7.4	*189*	7.4	*189*	8.0	*202*
40	Service brakes	type		foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic	
41	Parking brakes	type		hand, mechanical		hand, mechanical		hand, mechanical		hand, mechanical	
	ELECTRICAL										
42	Engine model			4EG		GK25E		4EG		GK25E	
43	Continuous output S.A.E. gross	HP	*kW*	48.0	*36.0*	61.0	*45.8*	48.0	*36.0*	61.0	*45.8*
44		at rpm		2,250		2,700		2,250		2,700	
45	Maximum torque S.A.E. gross	lb-ft	*Nm*	131	*177*	129	*175*	131	*177*	129	*175*
46		at rpm		1,800		1,600		1,800		1,600	
47	Cylinders / displacement	cu in	*L*	4 / 203	*4 / 3.3*	4 / 152	*4 / 2.5*	4 / 203	*4 / 3.3*	4 / 152	*4 / 2.5*
48	Transmission type			powershift		powershift		powershift		powershift	
49	Number of speeds, forward / reverse			1 / 1		1 / 1		1 / 1		1 / 1	
50	Battery			12		12		12		12	
51	Relief pressure for attachments	psi	*bar*	2,610	*180*	2,610	*180*	2,610	*180*	2,610	*180*
52	Noise level – mean value at operator's ear Leq	dB(A)		75.5		76.5		75.5		76.5	

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. Availability: Types G, LP and D standard. Types GS, LPS and DS Option (subject to availability). Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, operation and maintenance of powered industrial trucks, including:

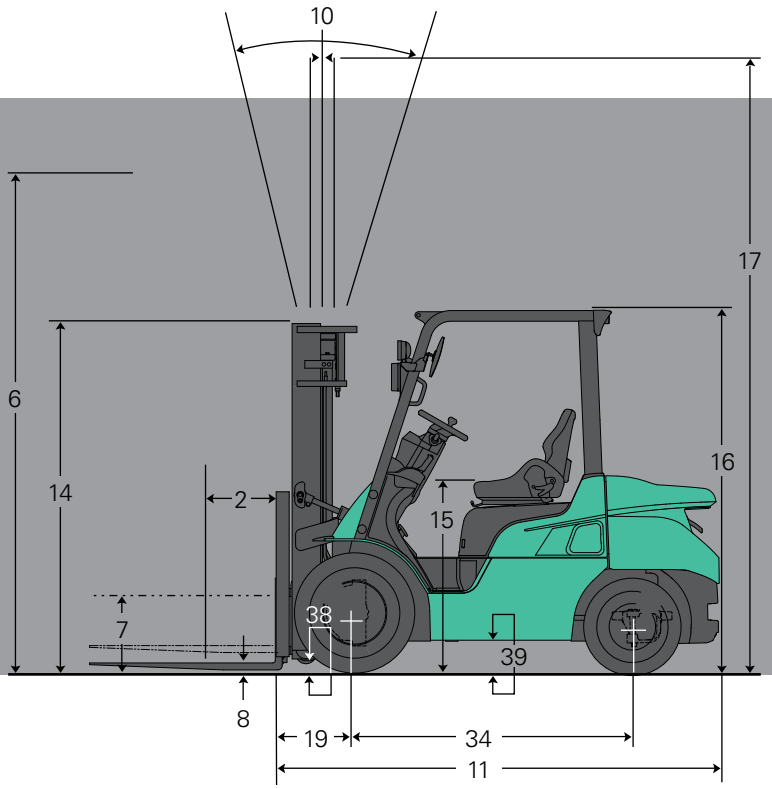
- ANSI/ITSDF B56.1.
- NFPA 505, fire safety standard for powered industrial trucks - type designations, areas of use, maintenance and operation.
- Occupational Safety and Health Administration (OSHA) regulations that may apply.

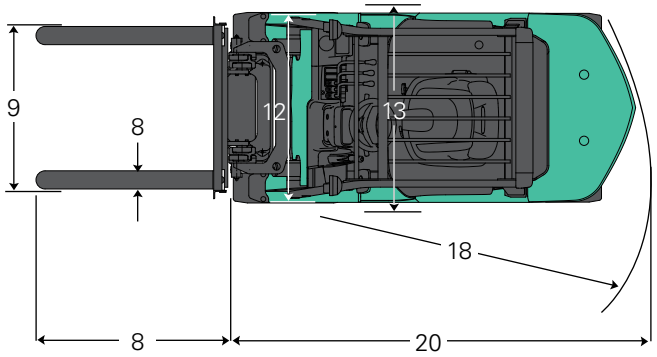
Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

	FD35N	
1	7,000	*3,500*
2	24	*500*
3	diesel	
4	pneumatic	
5	2x / 2	
6	131.5	*3,350*
7	5.9	*150*
8	2.0 x 42.0 x 4.9	*50 x 1,070 x 125*
9	9.8 / 39.4	*250 / 1,000*
10	6° / 10°	
11	110	*2,790*
12	50.8	*1,290*
13	67.5	*1,715*
14	90.5	*2,299*
15	46.7	*1,187*
16	84.3	*2,140*
17	180	*4,566*
18	96.1	*2,440*
19	19.5	*495*
20	116	*2,935*
21	10.3 / 11.2	*16.5 / 18.0*
22	80.7 / 84.6	*0.41 / 0.43*
23	98.4 / 98.4	*0.50 / 0.50*
24	3,620	*16,100*
25	4,140	*18,400*
26	21.0	
27	24.0	
28	10,590	*4,800*
29	15,500 / 2,130	*7,300 / 1,000*
30	3,820 / 6,770	*1,730 / 3,070*
31	250 x 15 - 16PR	
32	28 x 9 x 15 - 12PR	
33	6.5 x 10 - 12PR	
34	66.9	*1,700*
35	41.7	*1,060*
36	47.2	*1,200*
37	38.6	*980*
38	5.7	*146*
39	8.0	*202*
40	foot-operated, hydraulic	
41	hand, mechanical	
42	4EG	
43	48.0	*36.0*
44	2,250	
45	131	*177*
46	1,800	
47	4 / 203	*4 / 3.3*
48	powershift	
49	1 / 1	
50	12	
51	2,610	*180*
52	75.5	

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

FG15N-FG35N
FD20N-FD35N





GOING THE EXTRA MILE.

HELPING KEEP OPERATORS AND PRODUCTS SECURE REQUIRES CONSTANT AWARENESS

Mitsubishi Forklift Trucks offers a selection of options designed specifically to help minimize risk and keep operators, pedestrians and your assets secure in the work environment.

Courtesy of CraneMarket.com

Integrated Presence System:

The FG15N-FG35N / FD20-FD35N series is built to help protect the operator and surrounding personnel. Each forklift comes standard with the Integrated Presence System (IPS), which is designed to disengage all powered travel and some hydraulic functions when the operator leaves the normal operating position. A warning alarm will also sound and an indicator on the dash will appear if the operator leaves the compartment without applying the parking brake or forgets to fasten their seat belt.

Additional Options To Help Minimize Risk:

- Rear grab bar with horn button – This option allows the operator to easily access the horn while traveling in reverse, while the ergonomic placement of the rear grab bar creates a secure grip.
- Ground speed control – This programmable feature regulates top speeds and acceleration in environments where caution should be exercised.
- Swing-down LP gas tank bracket – Helping to reduce operator strain, this option makes it easier to remove and replace the empty fuel tank.
- Light, strobe and alarm packages – In dimly lit work areas, the optional rear work lights and strobe packages enhance operator visibility while increasing the visibility of the forklift to others working in the same area.
- Fuel saver mode – This system slows the acceleration of the forklift which allows savings of up to 14% in fuel efficiency without limiting the top speed of the truck.
- Thermoformed overhead guard cover – This plastic cover, offered in both clear or tinted, will help protect the operator from the elements while still allowing visibility through the overhead guard.

The Integrated Presence System provides audible and visual reminders to the operator.

Ground speed control allows you to set limits for the forklift's top speeds. This is especially useful in applications with pedestrian traffic.

Courtesy of CraneMarket.com

FG15N-FG35N
FD20N-FD35N

3,000-7,000 LB CAPACITY PNEUMATIC TIRE FORKLIFT

Delivering Exceptional Value

More Than 296,000 Parts To Keep You Running
Mitsubishi Forklift Trucks offers several parts programs, all designed to bring you top performance and convenience for your material handling needs. Contact your local dealer to put our services to work for you.

Support To Fit Your Operation
Find out why more companies are relying on Mitsubishi forklift truck dealers to keep their fleet operating at top performance. Our efficiency provides customers with a better return on investment, and qualified service technicians, diverse parts inventory and unparalleled selection of service options can help reduce your total cost of ownership.

Extensive Dealer Network
The Mitsubishi forklift truck dealer network is dedicated to finding the right forklift solution for your business. With more than 300 dealer locations, you can rely on your local dealer to provide the service you need when you need it most.

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.

Some products may be shown with optional equipment.

MECV0200 01/19

MITSUBISHI FORKLIFT TRUCKS

Courtesy of CraneMarket.com