PNEUMATIC TIRE FORKLIFT

4.0 – 5.5 TON CAPACITY MODELS

THE PNEUMATIC TIRE FORKLIFT THAT PULLS ITS WEIGHT

MITSUBISHI FORKLIFT TRUCKS

COMFORT COMES STANDARD.

STEP INTO THE OPERATOR COMPARTMENT OF AN FG40NT-FG55NT / FD40NT-FD55NT

- Designed for operator comfort
- Comfort seat
- Excellent visibility
- Memory tilt steering

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

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

Comfortable Operator Compartment: With three-point access, a wide range of operator sizes 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.

Ergonomic Seat: This forklift series features seats with adjustable forward and backward movement, added side support in the back cushion and an anti-cinch seat belt, creating a comfortable work environment for operators of varying heights. An optional full-suspension seat is available on these forklifts for additional support during long shifts.

Excellent Operator Visibility: The design of the forklift allows for excellent visibility in all directions during operation. And with a low-profile counterweight and narrow mast channels, obstructions are kept to a minimum.

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.

Ask your local dealer about the available options for improved performance, productivity and operator comfort.

POWERFUL EFFICIENCY.

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.

Easy Service Access: Tool-free access to the engine compartment makes routine maintenance, such as cleaning the radiator fins, much easier.

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 the vital fluids become critically low, the operator is immediately notified by a light on the dash display.

	CHARACTERISTICS				FD40NT		FD45NT		FD50CNT			CHARACTERISTICS				FD50NT		FD55NT	
1	Rated capacity		lb	kg	8,800	4,000	9,900	4,500	11,000	5,000	1	Rated capacity	lb	kg	11,000	5,000	12,125	5,500
2	Load center		in	mm	20	500	20	500	20	500	2	Load center	in	mm	24	600	24	600
3	Power				Diesel		Diesel		Diesel		3	Power			Diesel		Diesel	
4	Tire type V= solid, L=pneumatic, SE= solid pneumatic - front / rear				L / L		L / L		L / L		4	Tire type V= solid, L=pneumatic, SE= solid pneumatic - front / rear			L / L		L / L	
5	Wheels				2x / 2		2x / 2		2x / 2		5	Wheels			2x / 2		2x / 2	
	DIMENSIONS											**DIMENSIONS**							
6	Maximum fork height (BOF)		in	mm	130	3,300	130	3,300	130	3,300	6	Maximum fork height (BOF)	in	mm	130	3,300	130	3,300
7	Free lift		in	mm	6	150	6	150	6	150	7	Free lift	in	mm	6	160	6	160
8	Forks – thickness x width x length		in	mm	2.0 x 5.9 x 48.0	50 x 150 x 1,220	2.0 x 5.9 x 48.0	50 x 150 x 1,220	2.0 x 5.9 x 48.0	50 x 150 x 1,220	8	Forks – thickness x width x length	in	mm	2.4 x 5.9 x 48.0	60 x 150 x 1,220	2.4 x 5.9 x 48.0	60 x 150 x 1,220
9	Fork spacing – out-to-out minimum / maximum		in	mm	47	1,190	47	1,190	47	1,190	9	Fork spacing – out-to-out minimum / maximum	in	mm	47	1,190	47	1,190
10	Tilt – forward / backward		deg		6 / 12		6 / 12		6 / 12		10	Tilt – forward / backward	deg		6 / 12		6 / 12	
11	Load distance, axle to fork face		in	mm	23	577	23	577	23	582	11	Load distance, axle to fork face	in	mm	24	602	24	602
12	Overall width		in	mm	55.7 / 77.4	1,415 / 1,965	57.5 / 77.4	1,460 / 1,965	57.5 / 77.4	1,460 / 1,965	12	Overall width	in	mm	57.5 / 77.4	1,460 / 1,965	57.5 / 77.4	1,460 / 1,965
13	Overall length		in	mm	166	4,220	171	4,350	173	4,390	13	Overall length	in	mm	178	4,530	180	4,580
14	Overall mast height (mast lowered)		in	mm	91	2,320	91	2,320	94	2,400	14	Overall mast height (mast lowered)	in	mm	94	2,400	94	2,400
15	Seat effective height		in	mm	43	1,082	43	1,082	43	1,082	15	Seat effective height	in	mm	43	1,082	43	1,082
16	Height to top of overhead guard		in	mm	89	2,250	89	2,250	89	2,250	16	Height to top of overhead guard	in	mm	89	2,250	89	2,250
17	Overall height (mast extended with backrest)		in	mm	174	4,430	174	4,430	174	4,430	17	Overall height (mast extended with backrest)	in	mm	174	4,430	180	4,580
18	Minimum turning radius		in	mm	102	2,580	107	2,730	109	2,760	18	Minimum turning radius	in	mm	114	2,890	116	2,940
20	Working aisle width with 1,000 x 1,200 mm pallets, crosswise		in	mm	172	4.357	177	4.507	179	4.542	20	Working aisle width with 1,000 x 1,200 mm pallets, crosswise	in	mm	185	4.692	187	4.742
20a	Working aisle width with 800 x 1,200 mm pallets, lengthwise		in	mm	164	4.157	170	4.307	171	4.342	20	Working aisle width with 800 x 1,200 mm pallets, lengthwise	in	mm	177	4.492	179	4.542
	PERFORMANCE											**PERFORMANCE**							
21	Speeds	travel speed – loaded / empty	mph	km/h	13.4 / 13.7	21.5 / 22.0	13.0 / 22.0	21.0 / 22.0	13.0 / 22.0	21.0 / 22.0	21	Speeds	travel speed – loaded / empty	mph	km/h	13.0 / 22.0	21.0 / 22.0	13.0 / 22.0	21.0 / 22.0
22		lift speed – loaded / empty	fpm	m/s	108.3 / 120.1	0.55 / 0.61	108.3 / 120.1	0.55 / 0.61	92.5 / 104.3	0.47 / 0.53	22		lift speed – loaded / empty	fpm	m/s	92.5 / 104.3	0.47 / 0.53	92.5 / 104.3	0.47 / 0.53
23		lowering speed – loaded / empty	fpm	m/s	98.4 / 98.4	0.5 / 0.5	98.4 / 98.4	0.5 / 0.5	98.4 / 98.4	0.5 / 0.5	23		lowering speed – loaded / empty	fpm	m/s	98.4 / 98.4	0.5 / 0.5	98.4 / 98.4	0.5 / 0.5
26	Gradeability	1 mph (1.6 km) loaded / empty	%		29 / 26		26 / 27		24 / 26		26	Gradeability	1 mph (1.6 km) loaded / empty	%		23 / 27		21 / 25	
27	Acceleration time (10 meters) loaded / empty		s		4.20 / 3.70		4.52 / 3.87		4.52 / 3.87		27	Acceleration time (10 meters) loaded / empty	s			4.52 / 3.87		4.52 / 3.87	
	WEIGHT											**WEIGHT**							
28	Total weight (unloaded –incl. battery (simplex)		lb	kg	13,050	5,920	13,955	6,330	15,100	6,850	28	Total weight (unloaded –incl. battery (simplex)	lb	kg	16,095	7,300	16,845	7,640
29	Axle load	with rated load front / rear	lb	kg	19,750 / 2,115	8,960 / 960	21,400 / 2,490	9,710 / 1,130	23,369 / 2,756	10,600 / 1,250	29	Axle load	with rated load front / rear	lb	kg	24,295 / 2,820	11,020 / 1,280	25,880 / 3,085	11,740 / 1,400
30		without load front / rear	lb	kg	5,800 / 7,250	2,630 / 3,290	6,130 / 7,825	2,780 / 3,550	6,393 / 8,708	2,900 / 3,950	30		without load front / rear	lb	kg	7,098 / 8,995	3,220 / 4,080	6,989 / 9,855	3,170 / 4,470
	CHASSIS											**CHASSIS**							
31	Tire size	front, single	in		8.25-15-14PR		300-15-18PR		300-15-18PR		31	Tire size	front, single	in		300-15-18PR		300-15-18PR	
33		rear	in		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR		33		rear	in		7.00-12-14PR		7.00-12-14PR	
34	Wheelbase		in	mm	73	1,850	79	2,000	79	2,000	34	Wheelbase	in	mm	85	2,150	85	2,150
35	Tread	front, single	in	mm	46	1,175	46	1,175	46	1,175	35	Tread	front, single	in	mm	46	1,175	46	1,175
37		rear	in	mm	46	1,180	46	1,180	46	1,180	37		rear	in	mm	46	1,180	46	1,180
38	Under clearance	at mast	in	mm	6	150	6	150	6	150	38	Under clearance	at mast	in	mm	6	150	6	150
39		at center of wheelbase, loaded	in	mm	9	227	9	227	9	227	39		at center of wheelbase, loaded	in	mm	9	227	9	227
40	Brakes	service			Hydraulic		Hydraulic		Hydraulic		40	Brakes	service			Hydraulic		Hydraulic	
	POWERTRAIN											**POWERTRAIN**							
41	Type of drive control				Powershift 2/1		Powershift 2/1		Powershift 2/1		41	Type of drive control				Powershift 2/1		Powershift 2/1	
42	Engine	model			S6S		S6S		S6S		42	Engine	model			S6S		S6S	
43		rated output	HP	kW	77.1	57.5	77.1	57.5	77.1	57.5	43		rated output	HP	kW	77.1	57.5	77.1	57.5
45		maximum torque	lb-ft	N-m	–	–	–	–	–	–	45		maximum torque	lb-ft	N-m	–	–	–	–
47		cylinder / displacement	cu in	L	6	4,996	6	4,996	6	4,996	47		cylinder / displacement	cu in	L	6	4,996	6	4,996
51	Relief pressure for attachments		psi	bar	2,770	191	2,770	191	2,770	191	51	Relief pressure for attachments	psi	bar		2,770	191	2,770	191
52	Noise (CEN)		dB(A)		84		84		84		52	Noise (CEN)	dB(A)			84		84	

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 Logisnext Americas Inc. (See ANSI/ITSDF B56.1.) Also be advised that overall operating visibility may be affected by the mast configuration and mast options of your truck. Therefore, you may need to add ancillary [auxiliary] devices or modify your operating practices. Consult your dealer for further information.

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 and LPS (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.

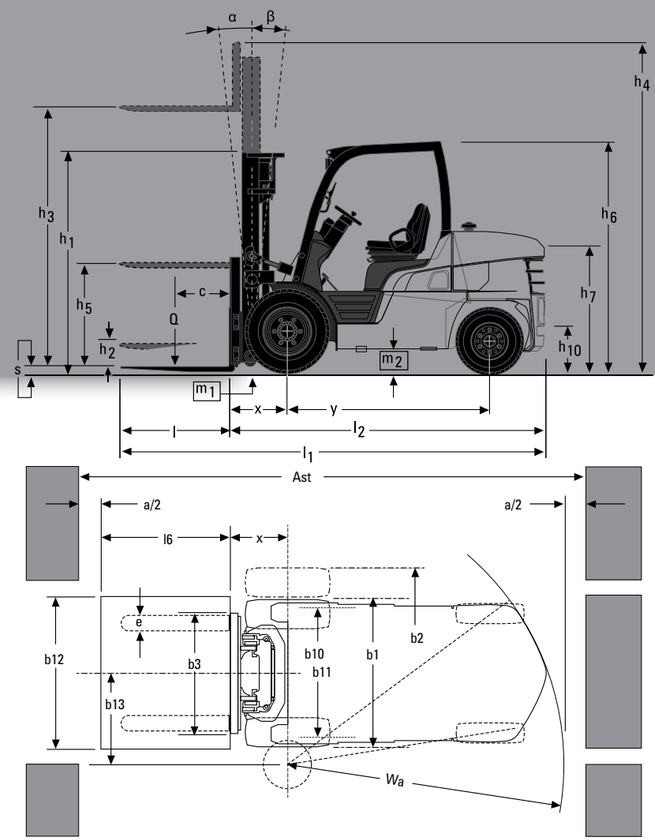
Contact your Mitsubishi forklift truck dealer for further information, including operator training programs and auxiliary visual and audible warning systems, fire extinguishers, etc., as available for specific user applications and requirements. Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

DISCLAIMER: The information in these materials is being provided for marketing and informational purposes only. Actual specifications, functions, and performance may vary from those set forth in these materials and are available upon request. Operators should always consult the applicable Logisnext Operator's Manual and/or Service Manuals prior to use. Nothing in these materials is intended to constitute a representation, warranty or guarantee for any equipment sold and Logisnext hereby disclaims the same.

FG40NT-FG55NT
FD40NT-FD55NT

	CHARACTERISTICS				FG40NT		FG45NT		FG50CNT			FG50NT		FG55NT	
1	Rated capacity		lb	kg	8,800	4,000	9,900	4,500	11,000	5,000	1	11,000	5,000	12,125	5,500
2	Load center		in	mm	20	500	20	500	20	500	2	24	600	24	600
3	Power				Gas / LPG		Gas / LPG		Gas / LPG		3	Gas / LPG		Gas / LPG	
4	Tire type V= solid, L=pneumatic, SE= solid pneumatic - front / rear				L / L		L / L		L / L		4	L / L		L / L	
5	Wheels				2x / 2		2x / 2		2x / 2		5	2x / 2		2x / 2	
	DIMENSIONS														
6	Maximum fork height (BOF)		in	mm	130	3,300	130	3,300	130	3,300	6	130	3,300	130	3,300
7	Free lift		in	mm	6	150	6	150	6	150	7	6	160	6	160
8	Forks – thickness x width x length		in	mm	2.0 x 5.9 x 48.0	50 / 150 / 1,220	2.0 x 5.9 x 48.0	50 / 150 / 1,220	2.0 x 5.9 x 48.0	50 / 150 / 1,220	8	2.4 x 5.9 x 48.0	60 / 150 / 1,220	2.4 x 5.9 x 48.0	60 / 150 / 1,220
9	Fork spacing – out-to-out minimum / maximum		in	mm	47	1,190	47	1,190	47	1,190	9	47	1,190	47	1,190
10	Tilt – forward / backward		deg		6 / 12		6 / 12		6 / 12		10	6 / 12		6 / 12	
11	Load distance, axle to fork face		in	mm	118	3,000	123	3,130	125	3,170	11	130	3,310	132	3,360
12	Overall width		in	mm	55.7 / 77.4	1,415 / 1,965	57.5 / 77.4	1,460 / 1,965	57.5 / 77.4	1,460 / 1,965	12	57.5 / 77.4	1,460 / 1,965	57.5 / 77.4	1,460 / 1,965
13	Overall length		in	mm	166	4,220	171	4,350	173	4,390	13	178	4,530	180	4,580
14	Overall mast height (mast lowered)		in	mm	91	2,320	91	2,320	94	2,400	14	94	2,400	94	2,400
15	Seat effective height		in	mm	43	1,082	43	1,082	43	1,082	15	43	1,082	43	1,082
16	Height to top of overhead guard		in	mm	89	2,250	89	2,250	89	2,250	16	89	2,250	89	2,250
17	Overall height (mast extended with backrest)		in	mm	154	3,920	154	3,920	157	4,000	17	157	4,000	157	4,000
18	Minimum turning radius		in	mm	102	2,580	107	2,730	109	2,760	18	114	2,890	116	2,940
20	Working aisle width with 1,000 x 1,200 mm pallets, crosswise		in	mm	172	4,357	177	4,507	179	4,542	20	185	4,692	187	4,742
20a	Working aisle width with 800 x 1,200 mm pallets, lengthwise		in	mm	164	4,157	170	4,307	171	4,342	20	177	4,492	179	4,542
	PERFORMANCE														
21	Speeds	travel speed – loaded / empty	mph	km/h	13.7 / 13.9	22.0 / 22.5	13.7 / 13.9	22.0 / 22.5	13.7 / 13.9	22.0 / 22.5	21	13.7 / 13.9	22.0 / 22.5	13.4 / 13.9	21.5 / 22.5
22		lift speed – loaded / empty	fpm	m/s	112.2 / 118.1	0.57 / 0.60	112.2 / 118.1	0.57 / 0.60	96.5 / 102.4	0.49 / 0.52	22	96.5 / 102.4	0.49 / 0.52	96.5 / 102.4	0.49 / 0.52
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	23	98.4 / 98.4	0.50 / 0.50	X98.4 / 98.4XX	0.50 / 0.50
26	Gradeability	1 mph (1.6 km) loaded / empty	%		30 / 26		27 / 26		25 / 25		26	23/26		22 / 25	
27	Acceleration time (10 meters) loaded / empty		s		- / -		- / -		- / -		27	- / -		- / -	
	WEIGHT														
28	Total weight (unloaded –incl. battery (simplex)		lb	kg	12,919	5,860	13,823	6,270	14,947	6,780	28	15,961	7,240	16,689	7,570
29	Axle load	with rated load front / rear	lb	kg	18,717 / 2,028	8,940 / 920	21,340 / 2,403	9,680 / 1,090	23,302 / 2,667	10,570 / 1,210	29	24,228 / 2,755	10,990 / 1,250	25,816 / 2,998	11,710 / 1,360
30		without load front / rear	lb	kg	5,754 / 7,165	2,610 / 3,250	6,062 / 7,760	2,750 / 3,520	6,327 / 8,642	2,870 /3,920	30	7,032 / 8,928	3,190 / 4,050	6,900 / 9,788	3,130 / 4,440
	CHASSIS														
31	Tire size	front, single	in		8.25-15-14PR		300-15-18PR		300-15-18PR		31	300-15-18PR		300-15/8.00	
33		rear	in		7.00-12-14PR		7.00-12-14PR		7.00-12-14PR		33	7.00-12-14PR		7.00-12/5.00	
34	Wheelbase		in	mm	73	1,850	79	2,000	79	2,000	34	85	2,150	85	2,150
35	Tread	front, single	in	mm	46	1,175	46	1,175	46	1,175	35	46	1,175	46	1,175
37		rear	in	mm	46	1,180	46	1,180	46	1,180	37	46	1,180	46	1,180
38	Under clearance	at mast	in	mm	6	150	6	150	6	150	38	6	150	6	150
39		at center of wheelbase, loaded	in	mm	9	227	9	227	9	227	39	9	227	9	227
40	Brakes	service			Hydraulic		Hydraulic		Hydraulic		40	Hydraulic		Hydraulic	
	POWERTRAIN														
41	Type of drive control				Powershift 2/1		Powershift 2/1		Powershift 2/1		41	Powershift 2/1		Powershift 2/1	
42	Engine	model			GCT GK45		GCT GK45		GCT GK45		42	GCT GK45		GCT GK45	
43		rated output	HP	kW	96.6	72	96.6	72	96.6	72	43	96.6	72	96.6	72
45		maximum torque	lb-ft	N-m	212 / 1,180	288 / 1,600	212 / 1,180	288 / 1,600	212 / 1,180	288 / 1,600	45	212 / 1,180	288 / 1,600	212 / 1,180	288 / 1,600
47		cylinder / displacement	cu in	L	6	4,452	6	4,452	6	4,452	47	6	4,452	6	4,452
51	Relief pressure for attachments		psi	bar	2,770	191	2,770	191	2,770	191	51	2,770	191	2,770	191
52	Noise (CEN)		dB(A)		84		84		84		52	84		84	

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



Ast = Wa + x + l6 + a
Ast = Working aisle width with load
a = Safety clearance (200 mm)
l6 = Pallet length (800 or 1000 mm)
b12 = Pallet width (1200 mm)

GOING THE EXTRA MILE.

HELPING KEEP OPERATORS AND PRODUCTS SECURE REQUIRES CONSTANT AWARENESS

Integrated Presence System:
The FG40NT-FG55NT / FD40NT-FD55NT 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 mast 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 Featues:

- Rear grab bar with horn button – This option allows the operator to easily and comfortably 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.
- Light, strobe and alarm packages – In dimly lit work areas, rear LED work lights and strobe packages enhance operator visibility, while increasing the visibility of the forklift to others working in the same area.

Mitsubishi Forklift Trucks offers a selection of options designed to help minimize some of the unique risks in your application and environment. Properly configuring your truck, to address the potential risks, for your application is important to help keep operators, pedestrians and your assets secure in the work environment.

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, especially useful in applications with pedestrian traffic.

FG40NT-FG55NT
FD40NT-FD55NT

4.0 – 5.5 TON CAPACITY PNEUMATIC TIRE FORKLIFT

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.

© 2026 Logisnext Americas Inc. All rights reserved. All registered trademarks are the property of their respective owners.

Some products may be shown with optional equipment

MECV0403 04/26

MITSUBISHI FORKLIFT TRUCKS