



PNEUMATIC TIRE FORKLIFT

8,000-12,000 LB CAPACITY LP GAS, GASOLINE AND DIESEL MODELS

THE PNEUMATIC TIRE FORKLIFT THAT PULLS ITS WEIGHT



COMFORT COMES STANDARD. STEP INTO THE OPERATOR COMPARTMENT OF AN EG40N-EG55N / ED40N-ED55N



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.

Ergonomic Seat: The FG40N-FG55N / FD40N-FD55N 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.

Enhanced Operator Visibility:

From the standard lighting package, which includes two forward LED work lights, to the lack of crossbars in the overhead guard, the design of the forklift allows for improved 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.

- Designed for operator comfort
- Comfort seat
- Enhanced 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



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	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.

Efficient From The Inside Out:

The diesel models of these forklifts are powered by the Perkins 854F engine, offering the strength you need to get the job done. The maintenancefree, Tier 4 Final, 854F diesel engine provides a 21.6% increase in fuel efficiency over previous models – resulting in an added cost savings to your bottom line. Both feature a smooth ride, balanced for low noise and vibration, allowing the operator to experience increased comfort and productivity in many applications.

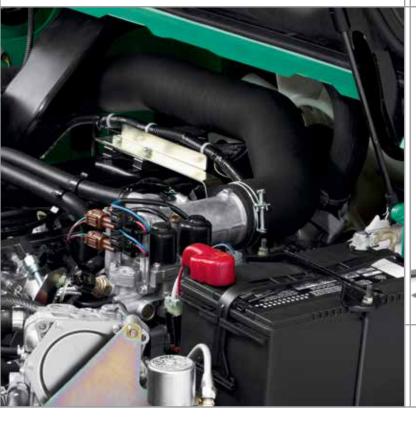


Cool And Quiet: The forklift's fan and radiator system is equipped with a horizontal cross flow cooling system to help keep the engine cool and functioning at peak performance. The corrugated design provides optimal heat exchange, while the aluminum core helps to prevent corrosion. The direct drive fan 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 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
- Service Indicator Options
- Warning Lights
- Dust/Fiber Protection OptionsDebris Resistance Options
- Debris riesistance options

	CHARACTERISTICS				FG4	10N	FD4	10N	FG4	5N
1	Rated capacity		lb	kg	8,000	4,000	8,000	4,000	9,000	4,500
2	Load center		in	mm	24	500	24	500	24	500
3	Power				dual fuel: gas	oline / LP gas	die	sel	dual fuel: gas	oline / LP gas
4	Tire type				pneur	matic	pneur	natic	pneur	natic
5	Wheels				2x	/ 2	2x	/ 2	2x	/ 2
	DIMENSIONS									
6	Maximum fork heig	ht (BOF)	in	mm	132	3,350	132	3,350	132	3,350
7	Free lift		in	mm	5.9	150	5.9	150	5.9	150
8	Forks – thickness x	•	in	mm	2x48x5.9	50x1,220x150	2x48x5.9	50x1,220x150	2x48x5.9	50x1,220x150
9 10		to-out minimum / maximum	ind	mm	12.6 / 46.6 6° /	320 / 1,184	12.6 / 46.6 6° /	320 / 1,184	12.6 / 46.6 6° /	320 / 1,184
11	Tilt – forward / back Overall length to for		u in	leg mm	118	3,000	118	3,000	123	3,130
12		single	in	mm	55.7	1,415	55.7	1,415	57.5	1,460
13	Overall width	standard duals	in	 mm	77.4	1,965	77.4	1,965	77.4	1,965
14	Overall mast height		in	mm	91.3	2,320	91.3	2,320	91.3	2,320
15	Seat effective heigh	t	in	mm	42.6	1,082	42.6	1,082	42.6	1,082
16	Head guard height		in	тт	90.5	2,296	90.5	2,296	90.5	2,296
17	Overall height (mast	t extended with backrest)	in	тт	180	4,570	180	4,570	180	4,570
18	Minimum turning ra	dius	in	тт	102	2,580	102	2,580	107	2,730
19	Front overhang		in	тт	22.7	577	22.7	577	22.7	577
20		ight angle stacking –	in	mm	124	3,157	124	3,157	130	3,307
	zero clearance w/o PERFORMANCE	1020								
21		travel speed – loaded / empty	mph	km/h	13.7 / 14.0	22.0 / 22.5	12.4 / 12.7	20.0 / 20.5	13.7 / 14.0	22.0 / 22.5
22	Speeds	lift speed – loaded / empty	fpm		112 / 118	0.57 / 0.60	108 / 120	0.55 / 0.61	112/118	0.57 / 0.60
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
24	Drawbar pull	1 mph (1.6 km) – 1st	lb	N	6,300	28,000	6,100	27,000	6,300	28,000
25	(forward – loaded)	STALL – 1st	lb	N	8,700	38,500	8,400	37,500	8,400	37,500
26	Gradeability	1 mph (1.6 km) – 1st	(%	32	2.0	31	.1	28	.9
27	(forward - loaded)	STALL – 1st	0	%	45	.8	44	.9	40	.2
	WEIGHT									
28	Total weight (unload	Q ,	lb	kg	12,920	5,860	13,050	5,920	13,820	6,270
29	Axle load	with rated load front / rear	lb 	kg	18,630 / 2,290	8,450 / 1,040	18,690 / 2,360	8,480 / 1,070	20,240 / 2,580	9,180 / 1,170
30	01140010	without load front / rear	lb	kg	5,750 / 7,170	2,610 / 3,250	5,800 / 7,250	2,630 / 3,290	6,060 / 7,760	2,750 / 3,520
31	CHASSIS	front single		in	8.25-15	5 14DD	8.25-15	14DD	300–15	1000
31	Tire size	front, single front, special duals		in	8.25-1		8.25-15		8.25-15	
33	1110 3120	rear		in	7.00–12	-	7.00–12		7.00–12	
34	Wheelbase		in	 mm	72.8	1,850	72.8	1,850	78.7	2,000
35		front, single	in	mm	46.3	1,175	46.3	1,175	46.3	1,175
36	Tread	front, special duals	in	mm	56.9	1,445	56.9	1,445	56.9	1,445
37		rear	in	mm	46.5	1,180	46.5	1,180	46.5	1,180
38	Under clearance	at mast	in	mm	5.9	150	5.9	150	5.9	150
39	Under Cicardille	at frame	in	mm	8.9	227	8.9	227	8.9	227
40	Brakes	service			foot, hy		foot, hy		foot, hy	
41		parking			hand, me	chanical	hand, me	chanical	hand, me	chanical
	POWERTRAIN							0545		
42		model			GK		Perkins		GK	
43		rated output	HP	kW	97	72	72	54	97	72
44 45	Engine	@ engine speed maximum torque		o.m. <i>N-m</i>	2,4	280	2,2 207	280	2,4	50 280
45		@ engine speed).m.	207		207		1,2	
40		cylinder / displacement	cu in		6 / 275	6/4.5	4 / 207	4 / 3.4	6 / 275	6/4.5
48	Transmission – type					ershift	powe		powe	
49		nber of speeds forward / reverse			2/		2/		2/	
50	Battery - volts					2	1:		1:	
50					0		· · · ·		0	101
51	Relief pressure for a	attachments	psi	bar	2,770	191	2,770	191	2,770	191
_	Relief pressure for a Noise (CEN)	attachments	-	bar B(A)		191 4	2,770		2,770	

	ED4	45N	FG5	OCN	FD50	OCN	
1	9,000	4,500	10,000	5,000	10,000	5,000	
2	24	500	24	500	24	500	
3	die	sel	dual fuel: gas	oline / LP gas	dies	sel	
4	pneu	matic	pneu	matic	pneumatic		
5	2x	/ 2	2x	/ 2	2x /	/ 2	
	100	0.050	100	0.050	100	0.050	
6	132	3,350	132	3,350	132	3,350	
7	5.9 2x48x5.9	150	5.9 2x48x5.9	150	5.9 2x48x5.9	150	
8 9	12.6 / 46.6	50x1,220x150 320 /1,184	12.6 / 46.6	50x1,220x150 320 / 1,184	2x46x5.9 12.6 / 46.6	50x1,220x150 320 / 1,184	
10		10°	6° /		6° /		
11	123	3,130	125	3,170	125	3,170	
12	57.5	1,460	57.5	1,460	57.5	1,460	
13	77.4	1,965	77.4	1,965	77.4	1,965	
14	91.3	2,320	94.5	2,400	94.5	2,400	
15	42.6	1,082	42.6	1,082	42.6	1,082	
16	90.5	2,296	90.5	2,296	90.5	2,296	
17	180	4,570	180	4,570	180	4,570	
18	107	2,730	109	2,760	109	2,760	
19	22.7	577	22.9	582	22.9	582	
20	130	3,307	132	3,342	132	3,342	
			-	0,0	-	-, <u>-</u>	
21	12.4 / 12.7	20.0 / 20.5	13.7 / 14.0	22.0 / 22.5	12.1 / 12.7	19.5 / 20.5	
22	108 / 120	0.55 / 0.61	96.5 / 102	0.49 / 0.52	92.5 / 104	0.47 / 0.53	
23	98.4 / 98.4	0.5 / 0.5	98.4 / 98.4	0.5 / 0.5	98.4 / 98.4	0.5 / 0.5	
24	6,100	27,000	6,200	27,500	6,000	26,500	
25	8,200	36,500	8,400	37,500	8,300	37,000	
26	28	3.0	25	i.9	25	.0	
27	39	9.4	36	5.2	35	.5	
28	13,960	6,330	14,970	6,790	15,100	6,850	
29	20,310 / 2,650	9,210 / 1,200	22,190 / 2,780	10,060 / 1,260	22,260 / 2,840	10,100 / 1,290	
30	6,130 / 7,830	2,780 / 3,550	6,330 / 8,640	2,870 / 3,920	6,390 / 8,710	2,900 / 3,950	
		2,70073,000					
31	300-15		300-15	5-18PR	300–15	–18PR	
31 32		5–18PR 5–12PR	300-15		<u> </u>		
31 32 33	8.25–1	5–18PR		5–12PR		i–12PR	
32	8.25–1	5–18PR 5–12PR	8.25–1	5–12PR	8.25–15	i–12PR	
32 33	8.25–1 7.00–1	5–18PR 5–12PR 2–12PR	8.25–11 7.00–11	5–12PR 2–12PR	8.25–15 7.00–12	5–12PR 2–12PR	
32 33 34	8.25–11 7.00–12 78.7	5–18PR 5–12PR 2–12PR 2,000	8.25–11 7.00–11 78.7	5–12PR 2–12PR <i>2,000</i>	8.25–15 7.00–12 78.7	5–12PR 2–12PR 2,000	
32 33 34 35	8.25-11 7.00-12 78.7 46.3	5–18PR 5–12PR 2–12PR 2,000 1,175	8.25-1 7.00-1 78.7 46.3	5-12PR 2-12PR 2,000 1,175	8.25-15 7.00-12 78.7 46.3	5-12PR 2-12PR 2,000 1,175	
32 33 34 35 36	8.25-11 7.00-12 78.7 46.3 56.9	5–18PR 5–12PR 2–12PR 2,000 1,175 1,445	8.25-11 7.00-12 78.7 46.3 56.9	5–12PR 2–12PR 2,000 1,175 1,445	8.25-15 7.00-12 78.7 46.3 56.9	5-12PR 2-12PR 2,000 1,175 1,445	
32 33 34 35 36 37	8.25-11 7.00-12 78.7 46.3 56.9 46.5	5–18PR 5–12PR 2–12PR 2,000 1,175 1,445 1,180	8.25-11 7.00-12 78.7 46.3 56.9 46.5	5-12PR 2-12PR 2,000 1,175 1,445 1,180	8.25-15 7.00-12 78.7 46.3 56.9 46.5	2-12PR 2-12PR 2,000 1,175 1,445 1,180	
32 33 34 35 36 37 38	8.25-13 7.00-12 78.7 46.3 56.9 46.5 5.9 8.9	5-18PR 5-12PR 2-12PR 2,000 1,175 1,445 1,180 150	8.25-1 7.00-1 78.7 46.3 56.9 46.5 5.9	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227	8.25-15 7.00-12 78.7 46.3 56.9 46.5 5.9	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227	
32 33 34 35 36 37 38 39	8.25-11 7.00-11 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy	5-18PR 5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227	8.25-11 7.00-11 78.7 46.3 56.9 46.5 5.9 8.9	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 rdraulic	8.25-15 7.00-12 78.7 46.3 56.9 46.5 5.9 8.9	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 draulic	
32 33 34 35 36 37 38 39 40 41	8.25-11 7.00-12 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me	5-18PR 5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 ydraulic echanical	8.25–11 7.00–11 78.7 46.3 56.9 46.5 5.9 8.9 600t, hy hand, me	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 rdraulic echanical	8.25–15 7.00–12 78.7 46.3 56.9 46.5 5.9 8.9 600, hy hand, me	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 draulic chanical	
32 33 34 35 36 37 38 39 40 41	8.25-11 7.00-11 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkin	5-18PR 5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 vdraulic echanical s 854F	8.25–11 7.00–11 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 draulic echanical	8.25-15 7.00-12 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 draulic chanical	
32 33 34 35 36 37 38 39 40 41 42 43	8.25-11 7.00-12 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkin 72	5-18PR 5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 vdraulic echanical s 854F 54	8.25–11 7.00–11 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 rdraulic echanical 45 72	8.25-15 7.00-12 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkins 72	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 draulic chanical s 854F 54	
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32 33 34 354 364 37 38 39 40 41 42 43 44 45 464 474 48 49 40 41	8.25-11 7.00-11 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkin 72 2,2 207 1,0 4 / 207	5-18PR 5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 ydraulic echanical s 854F 54 200 280 000 4/3.4 ershift	8.25-11 7.00-11 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me GK 97 2,4 207 1,2 6 / 275 powe	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 draulic echanical 45 50 280 280 280 50 6 / 4.5 rshift	8.25-15 7.00-12 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkins 72 2.2 207 1,0 4 / 207 power	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 draulic chanical 5 854F 54 00 280 00 4 / 3.4 rshift	
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	8.25-11 7.00-11 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkin 72 2.7 207 1,0 4 / 207 powe 2 /	5-18PR 5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 /draulic s 854F 54 200 280 000 4/3.4	8.25-11 7.00-11 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me GK 97 2,4 207 1,2 6 / 275 powe 2,4	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 draulic echanical 45 50 280 280 280 50 6 / 4.5 rshift	8.25-15 7.00-12 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkins 72 2,2 207 1,0 4 / 207	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 draulic chanical 5 854F 54 00 280 00 4 / 3.4 rshift 1	
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32 33 34 35 36 37 38 39 40 41 42 43 44 45 464 47 48 49 40 41	8.25-11 7.00-11 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkin 72 2,2 207 2,2 207 4 / 207 90we 2,1 1 2,770	5-18PR 5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 ydraulic echanical s 854F 54 200 280 000 4/3.4 prshift /1 2	8.25-11 7.00-11 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me GK 97 2,4 207 1,2 6 / 275 powe 2,1 1	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 cdraulic schanical 45 72 50 280 280 50 6 / 4.5 rshift 1 2 2 191	8.25-15 7.00-12 78.7 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkins 72 207 207 1,0 4 / 207 2 / 207	5-12PR 2-12PR 2,000 1,175 1,445 1,180 150 227 draulic chanical 8 854F 54 00 280 00 4/3.4 rshift 1 2 191	

SAFETY STANDARDS

These trucks meet American National Standards Institute/Industrial Truck Standards Development Foundation, ANSI/ISDF 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:

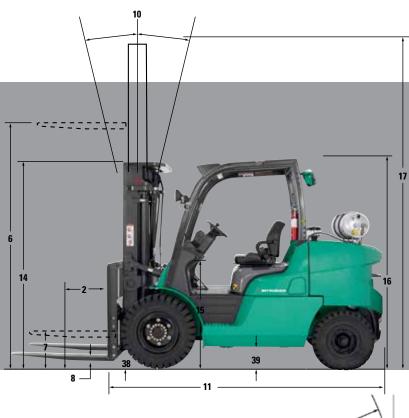
ANSI/ITSDF B56.1.
NFPA 505, fire safety standard for powered industrial trucks -type designations, areas of use, maintenance and operation.
Occupational Safety and Health Administration (OSHA) regulations that may apply.
Specifications, equipment, technical data, photos and illustrations based on information at time of printing and subject to change without notice. Some products may be shown with optional equipment.

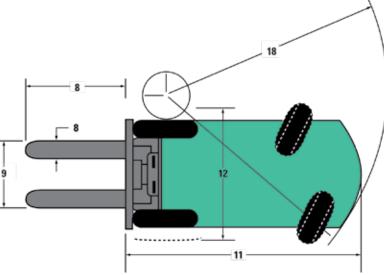
	CHARACTERISTICS				FGa	50N	FDS	50N	FGS	5N
1	Rated capacity		lb	kg	11,000	5,000	11,000	5,000	12,000	5,500
2	Load center			mm	24	600	24	600	24	600
3	Power				dual fuel: gas	oline / LP gas	die	sel	dual fuel: gas	oline / LP gas
4	Tire type				pneu	matic	pneu	matic	pneu	-
5	Wheels				2x / 2		2x / 2		2x / 2	
	DIMENSIONS									
6	Maximum fork heigl	nt (BOF)	in /	mm	132	3,360	132	3,360	132	3,360
7	Free lift		in /	mm	6.3	160	6.3	160	6.3	160
8	Forks – thickness x	length x width	in /	mm	2.4x48x5.9	60x1,220x150	2.4x48x5.9	60x1,220x150	2.4x48x5.9	60x1,220x150
9	Fork spacing – out-	to-out minimum / maximum	in /	mm	12.6 / 46.6	320 / 1,184	12.6 / 46.6	320 / 1,184	12.6 / 46.6	320 / 1,184
10	Tilt – forward / back	ward	deg		6° /	1	6° /		6° /	-
11	Overall length to for			mm	130	3,310	130	3,310	132	3,360
12	Overall width	single		mm	57.5	1,460	57.5	1,460	57.5	1,460
13		standard duals		mm	77.4	1,965	77.4	1,965	77.4	1,965
14	Overall mast height	,		mm	94.5	2,400	94.5	2,400	94.5	2,400
15	Seat effective heigh	t		mm	42.6	1,082	42.6	1,082	42.6	1,082
16	Head guard height			mm	90.5	2,296	90.5	2,296	90.5	2,296
17	•	extended with backrest)		mm	181	4,590	181	4,590	181	4,590
18	Minimum turning ra	uius		mm mm	114	2,890	114	2,890	116	2,940
19	Front overhang	aht angle stacking	in /	mm	23.7	602	23.7	602	23.7	602
20	zero clearance w/o	ght angle stacking – load	in /	mm	137	3,492	137	3,492	139	3,542
	PERFORMANCE									
21		travel speed – loaded / empty	mph k	km/h	13.7 / 14.0	22.0 / 22.5	12.1 / 12.7	19.5 / 20.5	13.4 / 14.0	21.5 / 22.5
22	Speeds	lift speed - loaded / empty	fpm /	m/s	96.5 / 102	0.49 / 0.52	92.5 / 104	0.47 / 0.53	96.5 / 102	0.49 / 0.52
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
24	Drawbar pull	1 mph (1.6 km) – 1st	lb	Ν	6,100	27,000	6,000	26,500	6,100	27,000
25	(forward - loaded)	STALL – 1st	lb	Ν	8,400	37,500	8,300	37,000	8,400	37,500
26	Gradeability	1 mph (1.6 km) – 1st	%		23	3.3	22	6	21	.5
27	(forward - loaded)	STALL – 1st	%		33	3.0	32	3	30	.7
	WEIGHT									
28	Total weight (unload	ed – single)	lb	kg	15,960	7,240	16,090	7,300	16,690	7,570
29	Axle load	with rated load front / rear	lb	kg	24,210 / 2,750	10,980 / 1,250	24,270 / 2,820	11,010 / 1,280	25,710 / 2,980	11,660 / 1,350
30		without load front / rear	lb	kg	7,030 / 8,930	3,190 / 4,050	7,100 / 8,990	3,220 / 4,080	6,900 / 9,790	3,130 / 4,440
	CHASSIS									
31		front, single	in		300–15		300-15		300-15	
32	Tire size	front, special duals	in		8.25-1		8.25-1		8.25-1	
33	Wheelbase	rear	in		7.00–12	1	7.00–12		7.00-12	
34 35	Wheelbase	front, single		mm mm	84.6 46.3	2,150 1,175	84.6 46.3	2,150	84.6 46.3	2,150
36	Tread	front, special duals		mm mm	56.9	1,445	56.9	1,175 1,445	56.9	1,175
37	Ileau	rear		mm	46.5	1,180	46.5	1,180	46.5	1,180
38		at mast		mm	5.9	150	5.9	150	5.9	150
39	Under clearance	at frame		mm	8.9	227	8.9	227	8.9	227
40		service			foot, hy	1	foot, hy		foot, hy	
41	Brakes	parking			hand, me	·	hand, me		hand, me	
	POWERTRAIN									
42		model			GK	45	Perkin	s 854F	GK	45
43		rated output	HP	kW	97	72	72	54	97	72
44	Engine	@ engine speed	r.p.m	ı.	2,4	150	2,2	200	2,4	50
45	Engine	maximum torque	lb-ft /	N-m	207	280	207	280	207	280
46		@ engine speed	r.p.m	ı.	1,2	200	1,0	00	1,2	00
47		cylinder / displacement	cu in	L	6 / 275	6 / 4.5	4 / 207	4 / 3.4	6 / 275	6 / 4.5
48	Transmission – type				powe	ershift	powe	rshift	powe	rshift
49	Transmission – num	ber of speeds forward / reverse			2 /	/1	27	/1	2.	1
50	Battery - volts				1	2	1	2	1	2
51	Relief pressure for a	ttachments	psi	bar	2,770	191	2,770	191	2,770	191
50	Noise (CEN)		dB(A)	8	4	8	2	8	4
52	110100 (0211)		<u> </u>	<u> </u>						

			ED	55N
1	lb	kg	12,000	5,500
2	in	mm	24	600
3				sel
4			pneu	matic
5			2x	/ 2
6	in	mm	132	3,360
7	in	тт	6.3	160
8	in	тт	2.4x48x5.9	60x1,220x150
9	in	тт	12.6 / 46.6	320 / 1,184
10	de	eg	6° /	10°
11	in	mm	132	3,360
12	in	mm	57.5	1,460
13	in	mm	77.4	1,965
14	in	mm	94.5	2,400
15	in	mm	42.6	1,082
16	in	mm	90.5	2,296
17	in	mm	181	4,590
18	in :	mm	116	2,940
19	in	mm	23.7	602
20	in	тт	139	3,542
21	mph	km/h	12.1 / 12.7	19.5 / 20.5
22	fpm	m/s	92.5 / 104	0.47 / 0.53
23	fpm	m/s	98.4 / 98.4	0.5 / 0.5
24	lb	Ν	5,800	26,000
25	lb	Ν	8,300	37,000
				-
26	9	6	20).8
26 27	-	% %	20	
27	9			
27 28	9 Ib	kg	30 16,840	7,640
27 28 29	9 Ib Ib	kg kg	30 16,840 25,770 / 3,070	7,640 11,690 / 1,390
27 28	9 Ib	kg	30 16,840	7,640
27 28 29 30	9 Ib Ib Ib	kg kg kg kg	30 16,840 25,770 / 3,070 6,990 / 9,850	.1 7,640 11,690 / 1,390 3,170 / 4,470
27 28 29 30 31	9 Ib Ib Ib	% kg kg kg n	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15	7,640 11,690 / 1,390 3,170 / 4,470 5–18PR
27 28 29 30 31 32	lb lb lb ii ii	% kg kg kg n n	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8.25–11	7,640 11,690 / 1,390 3,170 / 4,470 5–18PR 5–12PR
27 28 29 30 31 32 33	lb lb lb ii iii	% kg kg kg n n n	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8,25–15 7,00–15	7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR
27 28 29 30 31 32 33 34	lb lb lb ii ii	% kg kg kg n n n n mm	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8.25–11	7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2,150
27 28 29 30 31 32 33	lb lb lb ii iii iii	% kg kg kg n n n	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8,25–15 7,00–15 84.6	7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR
27 28 29 30 31 32 33 34 35	lb lb lb ii ii iin	% kg kg kg n n n m m mm	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8.25–15 7.00–15 84.6 46.3	.1 7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2,150 1,175
27 28 29 30 31 32 33 33 34 35 36	9 Ib Ib Ib in in in in	% kg kg n n mm mm mm	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8.25–15 7.00–15 84.6 46.3 56.9	2.1 7,640 11,690 / 1,390 3,170 / 4,470 5–18PR 5–12PR 2–14PR 2,150 1,175 1,445
27 28 29 30 31 32 33 34 35 36 37	9 Ib Ib Ib ii iii in in in in	% kg kg kg n n n n n mm mm mm	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8.25–15 7.00–15 84.6 46.3 56.9 46.5	2.1 7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2,150 1,175 1,445 1,180
27 28 29 30 31 32 33 34 35 36 37 38	9 Ib Ib Ib ii iii iii in in in in	% kg kg kg n n m m m m m m m m m m m m m m m m m	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8.25–15 7.00–15 84.6 46.3 56.9 46.5 5.9	2.1 7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2,150 1,175 1,445 1,180 150 227
27 28 29 30 31 32 33 34 35 36 37 38 39	9 Ib Ib Ib ii iii iii in in in in	% kg kg kg n n m m m m m m m m m m m m m m m m m	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8.25–15 7.00–15 84.6 46.3 56.9 46.5 5.9 8.9	2.1 7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2,150 1,175 1,445 1,180 150 227 rdraulic
27 28 29 30 31 32 33 34 35 36 37 38 39 40	9 Ib Ib Ib ii iii iii in in in in	% kg kg kg n n m m m m m m m m m m m m m m m m m	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8.25–15 7.00–15 84.6 46.3 56.9 46.5 5.9 8.9 foot, hy	2.1 7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2,150 1,175 1,445 1,180 150 227 rdraulic
27 28 29 30 31 32 33 34 35 36 37 38 39 40	9 Ib Ib Ib ii iii iii in in in in	% kg kg kg n n m m m m m m m m m m m m m m m m m	30 16,840 25,770 / 3,070 6,990 / 9,850 300–18 8,25–11 7,00–11 84.6 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me	2.1 7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2,150 1,175 1,445 1,180 150 227 rdraulic
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43	9 Ib Ib Ib ii iii iii in in in in	% kg kg kg n n m m m m m m m m m m m m m m m m m	30 16,840 25,770 / 3,070 6,990 / 9,850 300–18 8,25–11 7,00–11 84.6 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me	2.1 7,640 111,690 / 1,390 3,170 / 4,470 5–18PR 5–12PR 2–14PR 2,150 1,175 1,445 1,180 150 227 rdraulic echanical
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44	9 Ib Ib Ib Ib In in in in in in in HP r.p	kg kg kg kg kg n mm mm mm mm mm kg kg kg kg kg kg kg kW	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8.25–15 7.00–15 84.6 46.3 56.9 46.5 5.9 46.5 5.9 8.9 foot, hy hand, me Perkin 72 2,2	7,640 11,690 / 1,390 3,170 / 4,470 3,170 / 4,470 5-18PR 2-14PR 2,150 1,175 1,445 1,180 150 227 draulic schanical s 854F
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45	9 Ib Ib Ib Ib In in in in in in In HP	kg kg kg kg kg n mm mm mm mm mm kg kg	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8.25–15 7.00–15 84.6 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkin 72 2,2 207	2.1 7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2,150 1,175 1,445 1,180 150 227 rdraulic 227 rdraulic 2480 280
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 44 5 46	9 Ib Ib Ib Ib In In In In In In In In In In In In In	kg kg kg kg kg n n mm kW N-m m.	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8,25–15 7,00–15 84.6 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkin 72 2,2 207 1,0	2.1 7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2,150 1,175 1,445 1,180 150 227 rdraulic 227 rdraulic 8 854F 54 200 280 100
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46 47	9 Ib Ib Ib Ib In In In In In In In In In In In In In	kg kg kg kg kg n n mm mm mm mm kw kw N-m	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8,25–15 7,00–15 84.6 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkin 72 2,2 207 1,0 4 / 207	2.1 7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2,150 1,175 1,445 1,180 150 227 rdraulic 227 rdraulic 227 rdraulic 2280 000 4 / 3.4
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 44 5 46 47 48	9 Ib Ib Ib Ib In In In In In In In In In In In In In	kg kg kg kg kg n n mm mm mm mm mm mm kW kW nm.	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8,25–15 7,00–15 84.6 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkin 72 2,2 207 1,0 4 / 207 powe	2.1 7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2-14PR 2,150 1,175 1,445 1,180 150 227 cdraulic 227 cdraulic sechanical sechanical 54 00 280 00 4 / 3,4 rshift
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46 47 48 49	9 Ib Ib Ib Ib In In In In In In In In In In In In In	kg kg kg kg kg n n mm mm mm mm mm mm kW kW nm.	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8,25–15 7,00–15 84.6 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkin 72 2,2 207 1,0 4 / 207 powe 2,2	2.1 7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2,150 1,175 1,445 1,180 150 227 rdraulic 227 rdraulic 264 27 rdraulic 265 54 200 280 200 4 / 3,4 rshift / 1
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46 47 48 49 50	9 Ib Ib Ib In In In In In In In In In In In In In	kg kg kg kg kg m mm kW km km km	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8,25–15 7,00–15 84,6 46,3 56,9 46,5 5,9 8,9 foot, hy hand, me Perkin 72 2,2 207 1,0 4 / 207 2,1 1	2.1 7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2,150 1,175 1,445 1,180 150 227 rdraulic s 854F 54 200 280 200 4 / 3,4 rshift 1 2
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43 44 45 46 47 48 49	9 Ib Ib Ib Ib Ii Ii In In In In In In In In In In	kg kg kg kg kg n n mm mm mm mm mm mm kW kW nm.	30 16,840 25,770 / 3,070 6,990 / 9,850 300–15 8,25–15 7,00–15 84.6 46.3 56.9 46.5 5.9 8.9 foot, hy hand, me Perkin 72 2,2 207 1,0 4 / 207 powe 2,2	2.1 7,640 11,690 / 1,390 3,170 / 4,470 5-18PR 5-12PR 2-14PR 2,150 1,175 1,445 1,180 150 227 rdraulic sebanical s 854F 54 200 280 000 4 / 3,4 rshift 1 191

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

FG40N-FG55N FD40N-FD55N





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.

Integrated Presence System:

The FG40N-FG55N / FD40N-FD55N 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:

- <u>Rear grab bar with horn button</u> 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.
- <u>Ground speed control</u> This programmable feature regulates top speeds and acceleration in environments where caution should be exercised.
- <u>Swing-down LP tank bracket</u> Helping to reduce operator strain, this option makes it easier to remove and replace the empty fuel tank.

The Integrated Presence System provides

- <u>Light, strobe and alarm packages</u> 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.
- <u>Fuel Saver Mode</u> This innovation allows the acceleration curve to be limited, while allowing top speeds to still be achieved. In doing this, the forklift is able to maintain up to 95% production while being up to 14% more fuel efficient. It can also help prevent tire wear from excessive tire spin upon acceleration.
- <u>Thermoformed overhead guard cover</u> 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.



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



FG40N-FG55N FD40N-FD55N

8,000-12,000 LB 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.

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Some products may be shown with optional equipment.

MECV0202