

FD/FG40 - 55(C)NT Series

DIESEL AND LPG COUNTERBALANCE TRUCKS

4.0 – 5.5 tonnes

**MAXIMISE YOUR PRODUCTIVITY...
WITHOUT COMPROMISING ON
EFFICIENCY**

Built to work as hard as you do, The FD/FG40–55(C)NT Series promises reliable, class-leading performance — whatever the challenges.

SPECIFICATIONS

FD40NT	FG40NT
FD45NT	FG45NT
FD50CNT	FG50CNT
FD50NT	FG50NT
FD55NT	FG55NT



**WHEN
RELIABILITY IS
EVERYTHING...**

FD/FG40 - 55(C)NT Series

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4.0 – 5.5 tonnes



Tried and tested in the toughest applications, this no-nonsense design builds on the successes of its predecessors — delivering optimal performance.

The FD/ FG40–55(C)NT Series has a sophisticated engine and long-life design that keep running costs and maintenance demands low for maximum efficiency and productivity.

Green inside and out, The FD/ FG40–55(C)NT Series keeps noise and exhaust emissions to a minimum, while delivering improved overall economy.

BRAKES

- **Powerful drum brake system**
Easy to maintain brakes that give excellent control with little effort.
- **Electronically controlled parking brake**
Allows safe, effective immobilisation of the truck with minimum effort, without restricting knee and leg movement.

ELECTRICAL AND CONTROL SYSTEMS

- **Integrated Presence System 2 (IPS2)**
Truck and mast will not move if the operator is not seated, and provides a seat belt warning light and parking brake alarm.
- **Onboard diagnostics**
Computer connection allows detailed fault diagnosis and alerts operators and servicing engineers to problems, speeds up servicing and prevents damage.
- **Operator identification system**
This can be activated — if the owner wishes — to prevent unauthorised use of the truck.

DRIVE

- **Industry-proven engine**
Ultra-reliable and durable engine is smooth and economical, and easily complies with emission control regulations.
- **Advanced LPG engine**
Delivers precise, controlled performance, great fuel economy and very low emissions. (LPG option).
- **Advanced, fully floating powertrain**
Two-speed forward and one-speed reverse transmission maximises gradeability and travel speed and minimises noise and vibration. It also uses maintenance-free gears instead of belts - enabling lower running costs.
- **Adjustable transmission shift timing**
Increases versatility for optimum performance in a wide variety of applications.
- **Large diameter drive axle shafts**
Extremely durable and require little maintenance.
- **Low-noise air intake**
Air intake is connected directly to intake filter for easy air flow and quiet performance.

FRAME AND BODY

- **Robust construction**
Truck has been designed and rigorously tested to ensure high stability, rigidity and protection.
- **Stylish but purposeful design**
The truck has the power to work productively, non-stop, whatever the conditions.

- **Full belly guard**
Engine compartment is protected from any ingress — including dirt, dust and water — for long engine life, and prevents dust and dirt from being recirculated into the working environment.
- **RapidAccess features**
Get quick and easy entry to all areas for checks and servicing.
- **Long service interval**
Choice of high-quality components, together with low maintenance design minimises downtime and cost of ownership.
- **Optimal air filter placement**
Minimises frequency of replacement — saving time and money.

HYDRAULICS

- **Powerful hydraulic system**
Designed to minimise noise in the operator's environment.

MAST AND FORK ASSEMBLY

- **Strong, high-visibility mast**
Market-leading visibility of fork tip and load allows confident handling of heavy loads in tough environments.
- **Wide range of high-quality masts and attachments**
Enables precise compatibility and an ideal configuration for each application.



There is more information on the FD/FG40–55(C)NT Series on mitforklift.com

For more extensive information please visit our website mitforklift.com



mft2.eu/fd4055cnt

FD/FG40 - 55(C)NT Series

DIESEL AND LPG COUNTERBALANCE TRUCKS

4.0 – 5.5 tonnes

OPERATOR COMPARTMENT AND CONTROLS

- **ErgoCentric design**
Easy on-off access, a unique, adjustable steering column with position memory, user-friendly controls, a practical layout and great all-round visibility — for maximum precision and productivity.
- **Fully adjustable, full-suspension seat**
Driver remains comfortable even through long shifts.
- **Automotive-style pedals**
Optimum pedal angle gives good control without strain.
- **Optional fingertip hydraulic controls**
Plus, integrated, fully adjustable, high-comfort armrest (an award-winning concept) allows effortless precision.
- **Hydraulic control levers**
Controls are easy to reach and easy to use.
- **Low noise level and minimal powertrain vibrations**
These increase operator comfort and reduce fatigue.

FLEXCONTROL INTELLIGENT TRUCK PROTECTION:



- combined with oil-cooled wet disc brakes in an option package for high-intensity applications
- delivers dynamic performance with minimum wear of transmission components and tyres

STEERING SYSTEM

- **Fully hydrostatic steering**
For responsive, precise and effortless manoeuvring - even in tight spaces.
- **Angle-sensitive steering system**
Provides quick turning at low speeds and precision control at higher speeds.

INTEGRATED PRESENCE SYSTEM 2 (IPS2) PROVIDES:



- a hydraulic and travel interlock system that prevents all movement of the truck and its mast if the driver is not seated
- a seat belt warning light
- an automatic parking brake with alarm



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mft2.eu/fd4055cnt

VDI - PERFORMANCE & DIMENSIONS

CHARACTERISTICS				Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks
1.1	Manufacturer			FD40NT	FD45NT	FD50CNT	FD50NT	FD55NT
1.2	Manufacturer's model designation			Diesel	Diesel	Diesel	Diesel	Diesel
1.3	Power source: (battery, diesel, LP gas, petrol)			Seated	Seated	Seated	Seated	Seated
1.4	Operator type: pedestrian, (operator)-standing, -seated			4000	4500	5000	5000	5500
1.5	Load capacity	Q	kg	500	500	500	600	600
1.6	Load center distance	c	mm	577	577	582	602	602
1.8	Load distance, axle to fork face	x	mm	1850	2000	2000	2150	2150
1.9	Wheelbase	y	mm					
WEIGHT								
2.1	Truck weight, without load / including battery (simplex mast, lowest lift height)		kg	5920	6330	6850	7300	7640
2.2	Axle loading with maximum load, front/rear (simplex mast, lowest lift height)		kg	8960/960	9710/1130	10600/1250	11020/1280	11740/1400
2.3	Axle loading without load, front/rear (simplex mast, lowest lift height)		kg	2630/3290	2780/3550	2900/3950	3220/4080	3170/4470
WHEELS, DRIVE TRAIN								
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front/rear			L/L	L/L	L/L	L/L	SE/SE
3.2	Tyre dimensions, front			8.25-15-14PR	300-15-18PR	300-15-18PR	300-15-18PR	300-15/8.00
3.3	Tyre dimensions, rear			7.00-12-14PR	7.00-12-14PR	7.00-12-14PR	7.00-12-14PR	7.00-12/5.00
3.5	Number of wheels, front/rear (x=driven)			2x/2	2x/2	2x/2	2x/2	2x/2
3.6	Track width (center of tyres), front	b10	mm	1175	1175	1175	1175	1175
3.7	Track width (center of tyres), rear	b11	mm	1180	1180	1180	1180	1180
DIMENSIONS								
4.1	Mast tilt, forwards/backwards	a / b	°	6/12	6/12	6/12	6/12	6/12
4.2	Height with mast lowered (see tables)	h1	mm	2320	2320	2400	2400	2400
4.3	Free lift (see tables)	h2	mm	150	150	150	160	160
4.4	Lift height (see tables)	h3	mm	3300	3300	3300	3300	3300
4.5	Overall height with mast raised	h4	mm	4430	4430	4430	4580	4580
4.7	Height to top of overhead guard	h6	mm	2250	2250	2250	2250	2250
4.8	Seat height	h7	mm	1082	1082	1082	1082	1082
4.12	Tow coupling height	h10	mm	395	395	395	395	395
4.19	Overall length	l1	mm	4220	4350	4390	4530	4580
4.20	Length to fork face (includes fork thickness)	l2	mm	3000	3130	3170	3310	3360
4.21	Overall width	b1/b2	mm	1415/1965	1460/1965	1460/1965	1460/1965	1460/1965
4.22	Fork dimensions (thickness, width, length)	s / e / l	mm	50/150/1220	50/150/1220	50/150/1220	60/150/1220	60/150/1220
4.23	Fork carriage to DIN 15 173 A/B/no			3A	3A	3A	4A	4A
4.24	Fork carriage width	b3	mm	1190	1190	1190	1190	1190
4.31	Ground clearance under mast, with load	m1	mm	150	150	150	150	150
4.32	Ground clearance at center of wheelbase, with load (forks lowered)	m2	mm	227	227	227	227	227
4.33	Working aisle width with 1000 x1200 mm pallets, crosswise	Ast	mm	4357	4507	4542	4692	4742
4.34a	Working aisle width with 800 x1200 mm pallets, crosswise	Ast	mm	4157	4307	4342	4492	4542
4.34b	Working aisle width with 800 x1200 mm pallets, lengthwise	Ast	mm	4557	4707	4742	4892	4942
4.35	Turning circle radius	Wa	mm	2580	2730	2760	2890	2940
4.36	Minimum distance between centers of rotation	b13	mm	836	903	903	971	971
PERFORMANCE								
5.1	Travel speed, with/without load		km/h	21,5/22,0	21,0/22,0	21,0/22,0	21,0/22,0	21,0/22,0
5.2	Lifting speed, with/without load		m/s	0,55/0,61	0,55/0,61	0,47/0,53	0,47/0,53	0,47/0,53
5.3	Lowering speed, with/without load		m/s	0,50/0,50	0,50/0,50	0,50/0,50	0,50/0,50	0,50/0,50
5.5	Rated drawbar pull, with/without load		N	27000/17400	27000/18700	26500/19400	26500/21800	26000/21300
5.6	Maximum drawbar pull, with/without load (5 min short duty)		N	-/-	-/-	-/-	-/-	-/-
5.7	Gradeability, with/without load		%	29/26	26/27	24/26	23/27	21/25
5.8	Maximum gradeability, with/without load		%	-/-	-/-	-/-	-/-	-/-
5.9	Acceleration time (10 metres) with/without load		s	-/-	-/-	-/-	-/-	-/-
5.10	Service brakes (mechanical/hydraulic/electric/pneumatic)			Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
IC ENGINE								
7.1	Manufacturer / Type			Mitsubishi S6S	Mitsubishi S6S	Mitsubishi S6S	Mitsubishi S6S	Mitsubishi S6S
7.2	Rated / Nominal output to ISO 1585**		kW	53.1	53.1	53.1	53.1	53.1
7.3	Rated speed to DIN 70 020		rpm	2300	2300	2300	2300	2300
7.4	Number of cylinders / cubic capacity		cm ³	6 / 4996	6 / 4996	6 / 4996	6 / 4996	6 / 4996
7.5	Fuel consumption according to VDI 60 cycle		L/h / kg/h	7,9 / -	8,1 / -	8,2 / -	8,7 / -	8,9 / -
7.6	Max torque		Nm	260	260	260	260	260
7.7	Max torque at engine speed		rpm	1700	1700	1700	1700	1700
MISCELLANEOUS								
8.1	Type of drive control			Powershift 2/1	Powershift 2/1	Powershift 2/1	Powershift 2/1	Powershift 2/1
8.2	Maximum operating pressure for attachments		bar	191	191	191	191	191
8.3	Oil flow for attachments		l/min	80	80	80	80	80
8.4	Noise level, value at operator's ear (EN 12053)		dB(A)	84	84	84	84	84
8.5	Towing coupling design / DIN type, ref.			PIN	PIN	PIN	PIN	PIN

FD40 - 55(C)NT Series DIESEL COUNTERBALANCE

4.0 - 5.5 tonnes



VDI - PERFORMANCE & DIMENSIONS

CHARACTERISTICS				Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks
1.1	Manufacturer			FG40NT	FG45NT	FG50CNT	FG50NT	FG55NT
1.2	Manufacturer's model designation			Petrol / LPG	Petrol / LPG	Petrol / LPG	Petrol / LPG	Petrol / LPG
1.3	Power source: (battery, diesel, LP gas, petrol)			Seated	Seated	Seated	Seated	Seated
1.4	Operator type: pedestrian, (operator)-standing, -seated			4000	4500	5000	5000	5500
1.5	Load capacity	Q	kg	500	500	500	600	600
1.6	Load center distance	c	mm	577	577	582	602	602
1.8	Load distance, axle to fork face	x	mm	1850	2000	2000	2150	2150
1.9	Wheelbase	y	mm					
WEIGHT								
2.1	Truck weight, without load / including battery (simplex mast, lowest lift height)		kg	5860	6270	6780	7240	7570
2.2	Axle loading with maximum load, front/rear (simplex mast, lowest lift height)		kg	8940/920	9680/1090	10570/1210	10990/1250	11710/1360
2.3	Axle loading without load, front/rear (simplex mast, lowest lift height)		kg	2610/3250	2750/3520	2870/3920	3190/4050	3130/4440
WHEELS, DRIVE TRAIN								
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front/rear			L/L	L/L	L/L	L/L	SE/SE
3.2	Tyre dimensions, front			8.25-15-14PR	300-15-18PR	300-15-18PR	300-15-18PR	300-15/8.00
3.3	Tyre dimensions, rear			7.00-12-14PR	7.00-12-14PR	7.00-12-14PR	7.00-12-14PR	7.00-12/5.00
3.5	Number of wheels, front/rear (x=driven)			2x/2	2x/2	2x/2	2x/2	2x/2
3.6	Track width (center of tyres), front	b10	mm	1175	1175	1175	1175	1175
3.7	Track width (center of tyres), rear	b11	mm	1180	1180	1180	1180	1180
DIMENSIONS								
4.1	Mast tilt, forwards/backwards	a / b	°	6/12	6/12	6/12	6/12	6/12
4.2	Height with mast lowered (see tables)	h1	mm	2320	2320	2400	2400	2400
4.3	Free lift (see tables)	h2	mm	150	150	150	160	160
4.4	Lift height (see tables)	h3	mm	3300	3300	3300	3300	3300
4.5	Overall height with mast raised	h4	mm	4430	4430	4430	4580	4580
4.7	Height to top of overhead guard	h6	mm	2250	2250	2250	2250	2250
4.8	Seat height	h7	mm	1082	1082	1082	1082	1082
4.12	Tow coupling height	h10	mm	395	395	395	395	395
4.19	Overall length	l1	mm	4220	4350	4390	4530	4580
4.20	Length to fork face (includes fork thickness)	l2	mm	3000	3130	3170	3310	3360
4.21	Overall width	b1/b2	mm	1415/1965	1460/1965	1460/1965	1460/1965	1460/1965
4.22	Fork dimensions (thickness, width, length)	s / e / l	mm	50/150/1220	50/150/1220	50/150/1220	60/150/1220	60/150/1220
4.23	Fork carriage to DIN 15 173 A/B/no			3A	3A	3A	4A	4A
4.24	Fork carriage width	b3	mm	1190	1190	1190	1190	1190
4.31	Ground clearance under mast, with load	m1	mm	150	150	150	150	150
4.32	Ground clearance at center of wheelbase, with load (forks lowered)	m2	mm	227	227	227	227	227
4.33	Working aisle width with 1000 x1200 mm pallets, crosswise	Ast	mm	4357	4507	4542	4692	4742
4.34a	Working aisle width with 800 x1200 mm pallets, crosswise	Ast	mm	4157	4307	4342	4492	4542
4.34b	Working aisle width with 800 x1200 mm pallets, lengthwise	Ast	mm	4557	4707	4742	4892	4942
4.35	Turning circle radius	Wa	mm	2580	2730	2760	2890	2940
4.36	Minimum distance between centers of rotation	b13	mm	836	903	903	971	971
PERFORMANCE								
5.1	Travel speed, with/without load		km/h	22,0/22,5	22,0/22,5	22,0/22,5	22,0/22,5	21,5/22,5
5.2	Lifting speed, with/without load		m/s	0,57/0,60	0,57/0,60	0,49/0,52	0,49/0,52	0,49/0,52
5.3	Lowering speed, with/without load		m/s	0,50/0,50	0,50/0,50	0,50/0,50	0,50/0,50	0,50/0,50
5.5	Rated drawbar pull, with/without load		N	28000/17200	27500/18500	27500/19200	27000/21600	27000/21000
5.6	Maximum drawbar pull, with/without load (5 min short duty)		N	-/-	-/-	-/-	-/-	-/-
5.7	Gradeability, with/without load		%	30/26	27/26	25/25	23/26	22/25
5.8	Maximum gradeability, with/without load		%	-/-	-/-	-/-	-/-	-/-
5.9	Acceleration time (10 metres) with/without load		s	-/-	-/-	-/-	-/-	-/-
5.10	Service brakes (mechanical/hydraulic/electric/pneumatic)			Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
IC ENGINE								
7.1	Manufacturer / Type			GCT GK45	GCT GK45	GCT GK45	GCT GK45	GCT GK45
7.2	Rated / Nominal output to ISO 1585**		kW	72.0	72.0	72.0	72.0	72.0
7.3	Rated speed to DIN 70 020		rpm	2450	2450	2450	2450	2450
7.4	Number of cylinders / cubic capacity		cm ³	6 / 4452	6 / 4452	6 / 4452	6 / 4452	6 / 4452
7.5	Fuel consumption according to VDI 60 cycle		L/h / kg/h	- / 5,3	- / 5,9	- / 6,2	- / 6,3	- / 7,1
7.6	Max torque		Nm	288	288	288	288	288
7.7	Max torque at engine speed		rpm	1600	1600	1600	1600	1600
MISCELLANEOUS								
8.1	Type of drive control			Powershift 2/1	Powershift 2/1	Powershift 2/1	Powershift 2/1	Powershift 2/1
8.2	Maximum operating pressure for attachments		bar	191	191	191	191	191
8.3	Oil flow for attachments		l/min	80	80	80	80	80
8.4	Noise level, value at operator's ear (EN 12053)		dB(A)	84	84	84	84	84
8.5	Towing coupling design / DIN type, ref.			PIN	PIN	PIN	PIN	PIN

FG40 - 55(C)NT Series LPG COUNTERBALANCE

4.0 – 5.5 tonnes



MAST PERFORMANCE AND CAPACITY

FD/FG40-55(C)NT Series

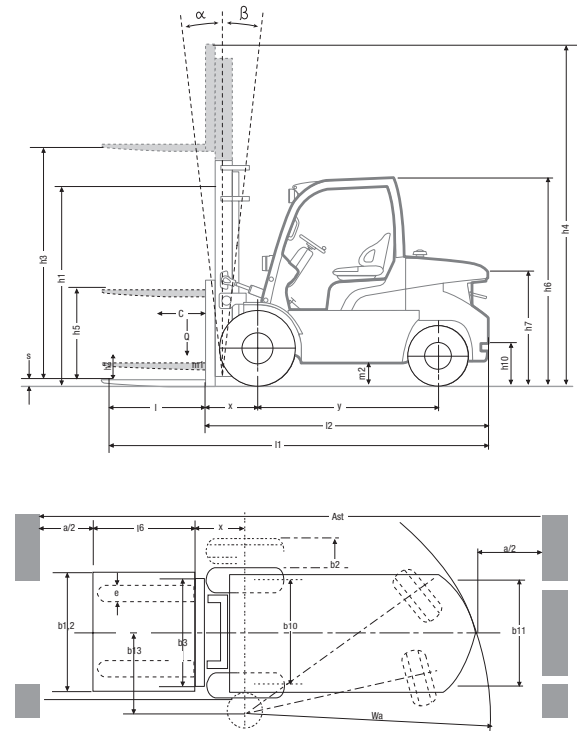
MAST TYPE	FD / FG40NT						FD / FG40NT PNEUMATIC		FD / FG40NT SOLID PNEUMATIC		
	h3 mm	h1 mm	h4 mm		h2 / h5 mm		Tilt angle (fwd - back)	Q @ c=500mm kg	Q @ c=600mm kg	Q @ c=500mm kg	Q @ c=600mm kg
			With STD backrest	Without backrest	With STD backrest	Without backrest					
SIMPLEX	3000	2170	4130	3930	150	150	6°/12°	4000	3500	4000	3500
	3300	2320	4430	4230	150	150	6°/12°	4000	3500	4000	3500
	3700	2520	4830	4630	150	150	6°/12°	4000	3500	4000	3500
	4000	2700	5130	4930	150	150	6°/12°	4000	3500	4000	3500
	4500	3000	5630	5430	150	150	6°/6°	4000	3500	4000	3500
	5000	3250	6130	5930	150	150	6°/6°	3850	3500	4000	3500
	5500	3500	6630	6430	150	150	6°/6°	3650*	3400*	3900	3500
6000	3750	7130	6930	150	150	6°/6°	3500*	3300*	3850	3400	
DUPLEX	3000	2170	4130	3950	1090	1270	6°/12°	4000	3500	4000	3500
	3300	2320	4430	4250	1240	1420	6°/12°	4000	3500	4000	3500
	3700	2520	4830	4650	1440	1620	6°/12°	4000	3500	4000	3500
	4060	2700	5190	5010	1620	1800	6°/12°	4000	3500	4000	3500
TRIPLEX	3700	1950	4830	4650	870	1050	6°/6°	4000	3500	4000	3500
	4000	2050	5130	4950	970	1150	6°/6°	4000	3500	4000	3500
	4360	2170	5490	5310	1090	1270	6°/6°	4000	3500	4000	3500
	4700	2285	5830	5650	1200	1390	6°/6°	3900	3500	4000	3500
	5050	2400	6180	6000	1320	1500	6°/6°	3800	3500	3900	3500
	5500	2550	6630	6450	1470	1650	6°/6°	3600*	3400*	3700	3450
	6000	2750	7130	6950	1670	1850	6°/6°	3450*	3250*	3550	3300
	6500	2950	7630	7450	1870	2050	6°/6°	3000*	3000*	3350	3200
7000	3150	8130	7950	2070	2250	6°/6°	2400*	2400*	3300*	3100*	

MAST TYPE	FD / FG45NT						FD / FG45NT PNEUMATIC		FD / FG45NT SOLID PNEUMATIC		
	h3 mm	h1 mm	h4 mm		h2 / h5 mm		Tilt angle (fwd - back)	Q @ c=500mm kg	Q @ c=600mm kg	Q @ c=500mm kg	Q @ c=600mm kg
			With STD backrest	Without backrest	With STD backrest	Without backrest					
SIMPLEX	3000	2170	4130	3890	150	150	6°/12°	4500	4000	4500	4000
	3300	2320	4430	4190	150	150	6°/12°	4500	4000	4500	4000
	3700	2520	4830	4590	150	150	6°/12°	4500	4000	4500	4000
	4000	2700	5130	4890	150	150	6°/12°	4500	4000	4500	4000
	4500	3000	5630	5390	150	150	6°/6°	4500	4000	4500	4000
	5000	3250	6130	5890	150	150	6°/6°	4500	4000	4500	4000
	5500	3500	6630	6390	150	150	6°/6°	4300*	4000*	4400	4000
6000	3750	7130	6890	150	150	6°/6°	3900*	3900*	4400	3900	
DUPLEX	3000	2170	4100	3870	1170	1400	6°/12°	4500	4000	4500	4000
	3300	2320	4410	4180	1320	1550	6°/12°	4500	4000	4500	4000
	3700	2520	4610	4380	1420	1650	6°/12°	4500	4000	4500	4000
	4060	2700	5210	4980	1770	2000	6°/12°	4500	4000	4500	4000
TRIPLEX	3700	1950	4830	4610	970	1200	6°/6°	4000	3500	4000	3500
	4000	2050	5170	4950	1090	1320	6°/6°	4000	3500	4000	3500
	4360	2170	5440	5220	1180	1410	6°/6°	4000	3500	4000	3500
	4700	2285	5880	5660	1320	1550	6°/6°	3900	3500	4000	3500
	5050	2400	6180	5960	1420	1650	6°/6°	3800	3500	3900	3500
	5500	2550	6630	6410	1570	1800	6°/6°	3600*	3400*	3700	3450
	6000	2750	7130	6910	1770	2000	6°/6°	3450*	3250*	3550	3300
	6500	2950	7630	7410	1970	2200	6°/6°	3000*	3000*	3350	3200
7000	3150	8130	7910	2170	2400	6°/6°	2400*	2400*	3300*	3100*	

- h1 Height with mast lowered
- h2 Standard free lift
- h3 Lift height
- h4 Height with mast raised
- h5 Full free lift
- Q Lifting capacity, rated load
- c Load centre (distance)

- Ast = $Wa + x + l6 + a$
- Ast = Working aisle width with load
- Wa = Turning radius
- a = Safety clearance = 2 x 100 mm
- l6 = Pallet length
- b12 = Pallet width

* Truck equipped with dual tyres.
Consult your dealer for the maximum back-tilt allowed, to obtain the capacities specified.



MAST TYPE	FD / FG50CNT						FD / FG50CNT PNEUMATIC		FD / FG50CNT SOLID PNEUMATIC		
	h3 mm	h1 mm	h4 mm		h2 / h5 mm		Tilt angle (fwd - back)	Q @ c=500mm kg	Q @ c=600mm kg	Q @ c=500mm kg	Q @ c=600mm kg
			With STD backrest	Without backrest	With STD backrest	Without backrest					
SIMPLEX	2970	2250	4280	4030	160	160	6°/12°	5000	4500	5000	4500
	3300	2400	4580	4330	160	160	6°/12°	5000	4500	5000	4500
	3700	2600	4980	4730	160	160	6°/12°	5000	4500	5000	4500
	4000	2850	5280	5030	160	160	6°/12°	5000	4500	5000	4500
	4500	3100	5780	5530	160	160	6°/6°	5000	4500	5000	4500
	5000	3350	6280	6030	160	160	6°/6°	5000	4500	5000	4500
	5500	3600	6780	6530	160	160	6°/6°	4750*	4500*	4850	4500
6000	3850	7280	7030	160	160	6°/6°	3900*	3900*	4700	4400	
DUPLEX	2970	2250	4250	4000	1030	1280	6°/12°	5000	4500	5000	4500
	3280	2400	4560	4310	1180	1430	6°/12°	5000	4500	5000	4500
	4080	2850	5360	5110	1630	1880	6°/12°	5000	4500	5000	4500
TRIPLEX	3700	2050	4980	4740	830	1080	6°/6°	5000	4500	5000	4500
	4040	2170	5320	5080	950	1200	6°/6°	5000	4500	5000	4500
	4310	2260	5590	5350	1040	1290	6°/6°	5000	4500	5000	4500
	4750	2400	6030	5790	1180	1430	6°/6°	5000	4500	5000	4500
	5050	2500	6330	6090	1280	1530	6°/6°	5000	4500	5000	4500
	5500	2650	6780	6540	1430	1680	6°/6°	4700*	4450*	4800	4500
	6000	2850	7280	7040	1630	1880	6°/6°	4200*	4200*	4450*	4350*
	6500	3050	7780	7540	1830	2080	6°/6°	3000*	3000*	4450*	4200*
7000	3250	8280	8040	2030	2280	6°/6°	2400*	2400*	3500*	3500*	

Continuing improvement may lead to changes in these specifications

MAST PERFORMANCE AND CAPACITY

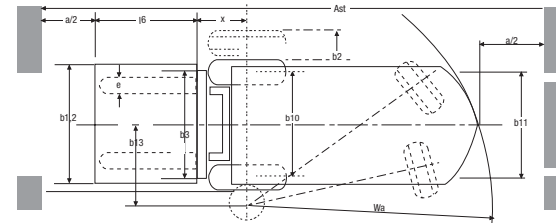
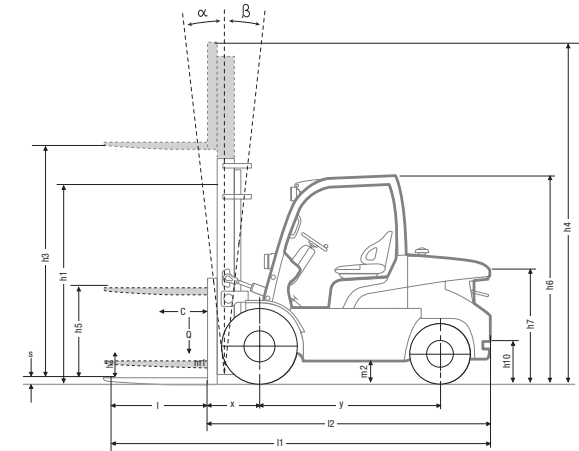
FD/FG40-55(C)NT Series

MAST TYPE	FD / FG50NT						Tilt angle (fwd - back)	FD / FG50NT PNEUMATIC	FD / FG50NT SOLID PNEUMATIC
	h3 mm	h1 mm	h4 mm		h2 / h5 mm			Q @ c=600mm kg	Q @ c=600mm kg
			With STD backrest	Without backrest	With STD backrest	Without backrest			
SIMPLEX	3000	2250	4280	4030	160	160	6°/12°	5000	5000
	3300	2400	4580	4330	160	160	6°/12°	5000	5000
	3700	2600	4980	4730	160	160	6°/12°	5000	5000
	4000	2850	5280	5030	160	160	6°/12°	5000	5000
	4500	3100	5780	5530	160	160	6°/6°	5000	5000
	5000	3350	6280	6030	160	160	6°/6°	5000	5000
	5500	3600	6780	6530	160	160	6°/6°	4900*	5000
6000	3850	7280	7030	160	160	6°/6°	4100*	4900	
DUPLEX	2970	2250	4250	4000	1025	1280	6°/12°	5000	5000
	3280	2400	4560	4310	1175	1430	6°/12°	5000	5000
	4080	2850	5360	5110	1625	1880	6°/12°	5000	5000
	3760	2050	4980	4740	830	1080	6°/6°	5000	5000
TRIPLEX	4040	2170	5320	5080	950	1200	6°/6°	5000	5000
	4310	2260	5590	5350	1040	1290	6°/6°	5000	5000
	4750	2400	6030	5790	1180	1430	6°/6°	5000	5000
	5050	2500	6330	6090	1280	1530	6°/6°	5000	5000
	5500	2650	6780	6540	1430	1680	6°/6°	4900*	5000
	6000	2850	7280	7040	1630	1880	6°/6°	4300*	4800
	6500	3050	7780	7540	1830	2080	6°/6°	-	-
	7000	3250	8280	8040	2030	2280	6°/6°	-	-
3000	2250	4280		160		6°/12°			

- h1 Height with mast lowered
- h2 Standard free lift
- h3 Lift height
- h4 Height with mast raised
- h5 Full free lift
- Q Lifting capacity, rated load
- c Load centre (distance)

- Ast = $Wa + x + l6 + a$
- Ast = Working aisle width with load
- Wa = Turning radius
- a = Safety clearance = 2 x 100 mm
- l6 = Pallet length
- b12 = Pallet width

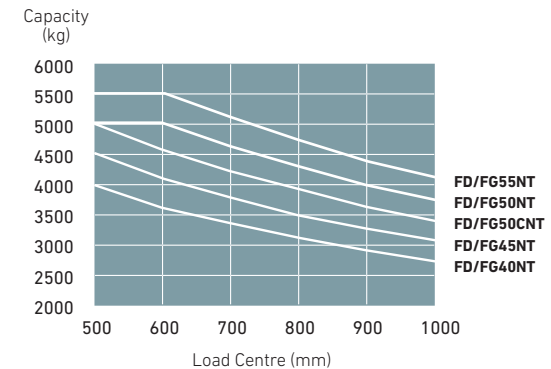
* Truck equipped with dual tyres.
Consult your dealer for the maximum back-tilt allowed, to obtain the capacities specified.



FD/FG40-55(C)NT Models

Capacities at various load centres

Simplex - h3 = 4000 mm



MAST TYPE	FD / FG55NT						Tilt angle (fwd - back)	FD / FG55NT PNEUMATIC	FD / FG55NT SOLID PNEUMATIC
	h3 mm	h1 mm	h4 mm		h2 / h5 mm			Q @ c=600mm kg	Q @ c=600mm kg
			With STD backrest	Without backrest	With STD backrest	Without backrest			
SIMPLEX	3000	2250	4280	4030	160	160	6°/12°	5500	5500
	3300	2400	4580	4330	160	160	6°/12°	5500	5500
	3700	2600	4980	4730	160	160	6°/12°	5500	5500
	4000	2850	5280	5030	160	160	6°/12°	5500	5500
	4500	3100	5780	5530	160	160	6°/6°	5500	5500
	5000	3350	6280	6030	160	160	6°/6°	5500*	5500*
	5500	3600	6780	6530	160	160	6°/6°	-	5500
6000	3850	7280	7030	160	160	6°/6°	-	5350*	
DUPLEX	2970	2250	4250	4000	1025	1280	6°/12°	5500	5500
	3280	2400	4560	4310	1175	1430	6°/12°	5500	5500
	4080	2850	5360	5110	1625	1880	6°/12°	5500	5500
	3700	2050	4980	4740	830	1080	6°/6°	5500	5500
TRIPLEX	4040	2170	4980	4740	830	1080	6°/6°	5500	5500
	4310	2260	5320	5080	950	1200	6°/6°	5500	5500
	4750	2400	5590	5350	1040	1290	6°/6°	5500	5500
	5050	2500	6030	5790	1180	1430	6°/6°	5500	5500
	5500	2650	6330	6090	1280	1530	6°/6°	5500*	5500
	6000	2850	6780	6540	1430	1680	6°/6°	-	5500
	6500	3050	7280	7040	1630	1880	6°/6°	-	5300*
	7000	3250	8280		2030		6°/6°		
3000	2250	4280		160		6°/12°			

Continuing improvement may lead to changes in these specifications

STANDARD EQUIPMENT & OPTIONS

- = Standard
- = Option
- = Not Available

	FD40-45NT	FD50CNT	FD50NT	FD55NT	FG40-45NT	FG50CNT	FG50NT	FG55NT
GENERAL	DIESEL				LPG			
Dustproof kit	●	●	●	●	●	●	●	●
Line filter for torque converter	●	●	●	●	●	●	●	●
Universal joint cover powertrain	●	●	●	●	●	●	●	●
LPG bracket removed	-	-	-	-	●	●	●	●
LPG Swing down bracket, no tank	-	-	-	-	●	●	●	●
Tilt cylinder boot kit	●	●	●	●	●	●	●	●
Steering power cylinder boot kit	●	●	●	●	●	●	●	●
Belly plate (under cover)	●	●	●	●	●	●	●	●
Dust proof strainer	●	●	●	●	●	●	●	●
Hydraulic oil cooler	●	●	●	●	●	●	●	●
HYDRAULIC								
2-Way control valve MC	●	●	●	●	●	●	●	●
3-Way control valve MC	●	●	●	●	●	●	●	●
4-Way control valve MC	●	●	●	●	●	●	●	●
5-Way control valve MC	●	●	●	●	●	●	●	●
MAST FORKS AND CARRIAGE								
Loose mast	●	●	●	●	●	●	●	●
Lifting eye for mast	●	●	●	●	●	●	●	●
Heavy Load side roller (*Cannot be combined with an integral sideshifter)	●	●	●	●	●	●	●	●
Side shifter 920 mm	●	●	●	●	●	●	●	●
Side shifter 1000 mm	●	●	●	●	●	●	●	●
Integral side shifter 920 mm	●	●	●	●	●	●	●	●
Integral side shifter 1000 mm	●	●	●	●	●	●	●	●
Fork deletion	●	●	●	●	●	●	●	●
ELECTRIC								
Audible back-up alarm	●	●	●	●	●	●	●	●
Backup handle with horn button	●	●	●	●	●	●	●	●
Electric diesel control (Diesel)	●	●	●	●	●	●	●	●
Speed control system (LPG)	-	-	-	-	●	●	●	●
Indicator kit	●	●	●	●	●	●	●	●
LED light set	●	●	●	●	●	●	●	●
LED rear work light	●	●	●	●	●	●	●	●
Load weight indicator (for simplex & triplex masts)	●	●	●	●	●	●	●	●
Rotating beacon (orange)	●	●	●	●	●	●	●	●
Strobe light (orange)	●	●	●	●	●	●	●	●

FD/FG40-55(C)NT Series DIESEL AND LPG COUNTERBALANCE TRUCKS

4.0 – 5.5 tonnes

Contact your dealer for additional standard and optional equipment.



Convenient handbrake button



Sophisticated IIB-compliant diesel engine



User-friendly hydraulic features

STANDARD EQUIPMENT & OPTIONS

- = Standard
- = Option
- = Not Available

OPERATOR'S COMPARTMENT	FD40-45NT	FD50CNT	FD50NT	FD55NT	FG40-45NT	FG50CNT	FG50NT	FG55NT
	DIESEL				LPG			
Rubber floor mat	●	●	●	●	●	●	●	●
Full suspension vinyl seat with belt and seat switch	●	●	●	●	●	●	●	●
Integrated Presence System (IPS)	●	●	●	●	●	●	●	●
Steering wheel knob	●	●	●	●	●	●	●	●
Rear view mirrors	●	●	●	●	●	●	●	●
Tilt steering column with memory position	●	●	●	●	●	●	●	●
Convenience tray	●	●	●	●	●	●	●	●
TYRES								
Pneumatic tyres	●	●	●	-	●	●	●	-
Solid pneumatic tires	●	●	●	●	●	●	●	●
Solid pneumatic dual drive tyres	●	●	●	●	●	●	●	●
Pneumatic dual drive tyres	●	●	●	●	●	●	●	●

FD/FG40-55(C)NT Series DIESEL AND LPG COUNTERBALANCE TRUCKS

4.0 – 5.5 tonnes

Contact your dealer for additional standard and optional equipment.



Front LED working lights



Stylish, robust design



Pneumatic tyres

WHEN RELIABILITY IS EVERYTHING...



The green colour of our trucks is a sign of our commitment to protecting the environment.

The diamond shapes in our logo are a reminder that – like a diamond – a Mitsubishi forklift truck guarantees quality, reliability and a sound investment.

Like any product bearing the Mitsubishi Forklift Trucks name, our materials handling equipment benefits from the tremendous heritage, huge resources and cutting-edge technology of one of the world's largest corporations – Mitsubishi Heavy Industries Group.

Engineering spacecraft, jet planes, power plants and more, MHI specialises in those technologies where performance, dependability and superiority decide your success or failure...

So when we promise you quality, reliability and value for money, you know it's a guarantee we have the power to deliver.

That's why every model in our award winning and comprehensive range of lift trucks and warehouse equipment is built to a high specification – to ensure it keeps working for you. Day after day. Year after year. Whatever the job. Whatever the conditions.

YOU'LL NEVER WORK ALONE

As your local authorised dealer, we are here to keep your trucks working – through our extensive experience, our technical excellence and our commitment to customer care.

We are your local experts, backed by efficient channels to the entire organisation of Mitsubishi Forklift Trucks.

No matter where you are, we are close by – with the capability to meet your needs.

Discover how Mitsubishi Forklift Trucks give you more from your local authorised dealer or when you visit our website www.mitforklift.com

Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, types of tyres, floor or surface conditions, applications or operating environment. Trucks may be shown with nonstandard options.

Specific performance requirements and locally available configurations should be discussed with your distributor.

We follow a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.

QUALITY | RELIABILITY | VALUE FOR MONEY

info@mitforklift.com

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