ELECTRIC CUSHION TIRE FORKLIFT

4,000-8,000 LB CAPACITY

ENGINEERED TO ENDURE. DESIGNED TO SAVE.

MITSUBISHI FORKLIFT TRUCKS

COMFORT COMES STANDARD.

STEP INTO THE OPERATOR COMPARTMENT OF AN FBC20Q-FBC40Q ELECTRIC FORKLIFT

- Designed for superior comfort
- Adjustable seating to suit your operators
- Optimized visibility

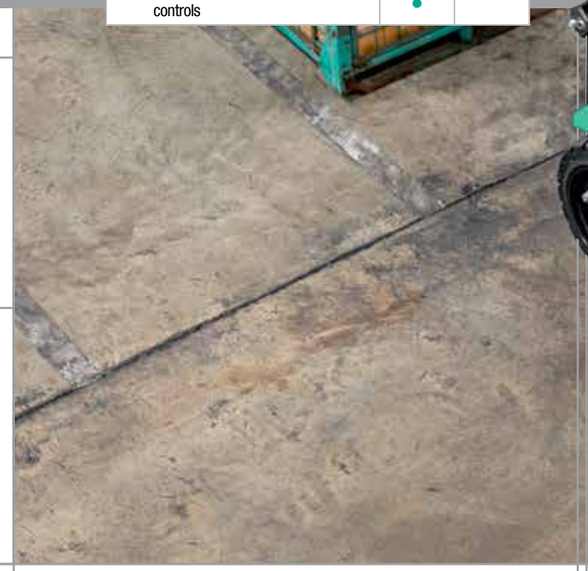
Comfort equates to higher productivity and support safe working practices - especially during long shifts:

Spacious Operator Compartment:
From the beginning of the shift to the end, this forklift was designed for optimal comfort. Operators can easily adjust the seat to their preferences – from forward and backward adjustments, to added lumbar support and suspension. The low-profile steering wheel is offset to provide extra space and visibility. For even more comfort, the optional mini steering wheel takes your operator's productivity to the next level.

Ergonomic Hydraulic Levers, Optional Fingertip Controls:
Located next to the seat, the hydraulic levers allow the operator's arm to rest in a natural, relaxed position while working. Optional fingertip controls are also available for even better ergonomics and added productivity.

Compact For Extra Aisle Space:
The spacious compartment does not equal a larger truck. In fact, a 4" tighter turning radius with excellent visibility should help give operators confidence to get their work done without pause.

Features	Standard	Optional
Full-color LED display	●	
Fully-hydraulic steer axle	●	
AC motor control system	●	
Regenerative braking system	●	
Selectable performance modes	●	
LED forward working lights	●	
Presence detection system	●	
Full-suspension vinyl seat	●	
Load Weight Indicator		●
Fingertip controls		●
Automatic operator assistance controls	●	



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

POWERFUL EFFICIENCY.

LONGER RUNTIMES AND LESS MAINTENANCE ADD UP TO A BETTER BOTTOM LINE.

Rock-Solid Frame: The all welded box frame and battery edge cover design helps to extend the life of your investment.

Run Longer: On One Battery Charge.
Thanks to the design of the FBC20Q-FBC40Q models your operators can deliver the productivity you need to get the job done.

Key Features:
- Advanced AC motors
- Optimized regenerative braking system

Lower Energy Consumption: Lithium batteries significantly reduce energy consumption and operators can select ECO mode through the key switch to further improve run times.

Easy To Service

Easily removable side and top panels make accessing the motors and major components simple, saving you time and money.

- 500-hour service intervals for mast and steer axle lubrication. All other major service items have 1,000-hour service intervals.
- Display-based maintenance reminders
- Easy access to key service components

Smart Systems And Options For The Way You Work

Integrated Presence System (IPS)
This integrated, computer-based feedback system uses both audible and visual indicators to alert the operator to potentially hazardous situations, while increasing operator awareness.

Flexible Options
- **Foot directional control,** for hands-free forward and reverse travel control. Ideal for rapid shuttle applications.
- **Rear grab handle with horn button,** offers operators additional comfort while travelling long distances in reverse or in applications with pedestrians or high traffic.
- **Sideshifter** for more precise load handling.
- **Higher or lower height overhead guard options** are available to accommodate taller operators, low clearances or special storage racking configurations.

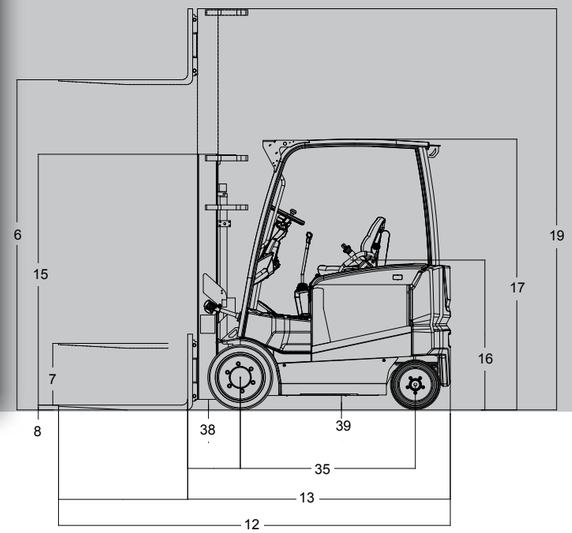
UL EE Ratings are available for applications requiring added protection from potential fire or electrical shock risks.

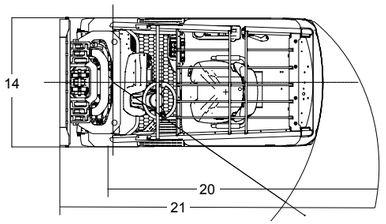
	CHARACTERISTICS			FBC20Q		FBC25CQ		FBC25Q			FBC30Q		FBC33Q		FBC40Q	
1	Capacity at rated load center	lb	kg	4,000	*1,814*	5,000	*2,268*	5,000	*2,268*	1	6,000	*2,721*	6,500	*2,948*	8,000	*3,628*
2	Load center -- distance	in	mm	24	*600*	24	*500*	24	*500*	2	24	*600*	24	*500*	24	*600*
3	Power – diesel, gasoline, LP gas, electric			electric		Electric		Electric		3	Electric		Electric		Electric	
4	Tire type – cushion, solid pneumatic			cushion		Cushion		Cushion		4	Cushion		Cushion		Cushion	
5	Wheels (x=driven) number front / rear			2x / 2		2x / 2		2x / 2		5	2x / 2		2x / 2		2x / 2	
	DIMENSIONS															
6	Maximum fork height (top of forks)	in	mm	107.9	*2,740*	107.9	*2,740*	107.9	*2,740*	6	153.5	*3,900*	159.4	*4,050*	159.4	*4,050*
7	Free lift	in	mm	4.2	*106*	4.2	*106*	4.2	*106*	7	29.6	*752*	29.6	*752*	29.6	*752*
8	Forks – thickness x length x width	in	mm	1.5 x 4 x 42.1	*38 x 102 x 1,070*	1.5 x 4 x 42.1	*38 x 102 x 1,070*	1.5 x 4 x 42.1	*38 x 102 x 1,070*	8	2.0 x 5 x 42.1	*51 x 127 x 1,070*	2.0 x 5 x 42.1	*51 x 127 x 1,070*	2.0 x 5 x 42.1	*51 x 127 x 1,070*
9	Fork carriage width	in	mm	36.2	*920*	36.2	*920*	36.2	*920*	9	40.2	*1,020*	40.2	*1,020*	40.2	*1,020*
10	Fork carriage ISO 232, class / type A, B			Class 2/ Type A		Class 2/ Type A		Class 2/ Type A		10	Class 3/ Type A		Class 3/ Type A		Class 3/ Type A	
11	Tilt – forward / backward	deg		5 / 8		5 / 8		5 / 8		11	5 / 5		5 / 5		5 / 5	
12	Overall length (with 42" long forks)	in	mm	127.2	*3,232*	127.2	*3,232*	130.8	*3,322*	12	132.4	*3,363*	133	*3,378*	136.3	*3,463*
13	Length to fork face (includes fork thickness)	in	mm	85	*2,162*	85	*2,162*	88.7	*2,252*	13	90.3	*2,293*	90.7	*2,308*	94.2	*2,393*
14	Overall width with single tires	in	mm	42.1	*1,070*	42.1	*1,070*	42.1	*1,070*	14	43.3	*1,100*	43.3	*1,100*	43.3	*1,100*
15	Height to top of lowered mast	in	mm	71.3	*1,810*	71.3	*1,810*	71.3	*1,810*	15	77.2	*1,960*	77.2	*1,960*	77.2	*1,960*
16	Seat height to SIP	in	mm	50	*1,275*	50	*1,275*	50	*1,275*	16	50	*1,275*	50	*1,275*	50	*1,275*
17	Height to top of overhead guard	in	mm	88	*2,235*	88	*2,235*	88	*2,235*	17	88	*2,235*	88	*2,235*	88	*2,235*
18	Drawbar pin height (middle)	in	mm	22.7	*577*	22..7	*577*	22.7	*577*	18	22.7	*577*	22..7	*577*	22.7	*577*
19	Height with mast raised	in	mm	155.7	*3,954*	155.7	*3,954*	155.7	*3,954*	19	201.1	*5,108*	201.1	*5,108*	201.1	*5,108*
20	Minimum outside turning radius	in	mm	68.5	*1,740*	68.5	*1,740*	72.0	*1,830*	20	72.0	*1,830*	72.6	*1,845*	76.0	*1,930*
21	Minimum aisle – 90° stack - zero clearance without load	in	mm	85.1	*2,162*	85.1	*2,162*	88.7	*2,252*	21	90.3	*2,293*	90.7	*2,308*	94.2	*2,393*
	PERFORMANCE															
22	Travel speed – loaded / empty (36 volt lead-acid)	mph	km/h	10.3 / 10.8	*16.6 / 17.4*	9.6 / 10.8	*15.4 / 17.4*	9.6 / 10.8	*15.4 / 17.4*	22	9.1 / 10.6	*14.6 / 17.1*	9.1 / 10.6	*14.6 / 17.1*	9.1 / 10.6	*14.6 / 17.1*
23	Travel speed – loaded / empty (48 volt lead-acid)	mph	km/h	11.3 / 11.3	*18.2 / 18.2*	11.3 / 11.3	*18.2 / 18.2*	11.3 / 11.3	*18.2 / 18.2*	23	11.3 / 11.3	*18.2 / 18.2*	11.3 / 11.3	*18.2 / 18.2*	11.3 / 11.3	*18.2 / 18.2*
24	Travel speed – loaded / empty (48 volt li-ion)	mph	km/h	12.3 / 12.5	*19.8 / 20.1*	12.3 / 12.5	*19.8 / 20.1*	12.3 / 12.5	*19.8 / 20.1*	24	12.3 / 12.5	*19.8 / 20.1*	12.3 / 12.5	*19.8 / 20.1*	12.3 / 125	*19.8 / 20.1*
25	Lift speed – loaded / empty (36 volt lead-acid) manual	fpm	m/s	66.4 / 84.5	*0.34 / 0.43*	62.3 / 85.4	*0.32 / 0.43*	62.3 / 85.4	*0.32 / 0.43*	25	52.8 / 72.3	*0.27 / 0.37*	50.7 / 68.7	*0.26 / 0.35*	47.7 / 68.7	*0.24 / 0.35*
	Lift speed – loaded / empty (36 volt lead-acid) fingertip			69.9 / 100.4	*0.36 / 0.51*	69.9 / 100.4	*0.36 / 0.51*	69.9 / 100.4	*0.36 / 0.51*		58.8 / 92.5	*0.30 / 0.47*	55.0 / 77.8	*0.25 / 0.40*	50.0 / 77.8	*0.25 / 0.40*
26	Lift speed – loaded / empty (48 volt lead-acid) manual	fpm	m/s	71.3 / 104.2	*0.36 / 0.53*	66.4 / 104.2	*0.34 / 0.53*	66.4 / 104.2	*0.34 / 0.53*	26	55.6 / 89.9	*0.28 / 0.46*	50.9 / 70.6	*0.26 / 0.36*	47.2 / 70.6	*0.24 / 0.36*
	Lift speed – loaded / empty (48 volt lead-acid) fingertip			88.7 / 120.0	*0.45 / 0.61*	88.7 / 120.0	*0.45 / 0.61*	88.7 / 120.0	*0.45 / 0.61*		75.8 / 106.7	*0.38 / 0.54*	64.4 / 90.7	*0.33 / 0.46*	64.4 / 90.7	*0.33 / 0.46*
27	Lift speed – loaded / empty (48 volt li-ion) manual	fpm	m/s	78.6 / 107.6	*0.40 / 0.55*	73.7 / 107.6	*0.37 / 0.55*	73.7 / 107.6	*0.37 / 0.55*	27	62.7 / 93.3	*0.32 / 0.47*	56.2 / 72.0	*0.29 / 0.37*	53.3 / 72.0	*0.27 / 0.37*
	Lift speed – loaded / empty (48 volt li-ion) fingertip			110.2 / 120.0	*0.56 / 0.61*	110.2 / 120.0	*0.56 / 0.61*	110.2 / 120.0	*0.56 / 0.61*		86.6 / 110.2	*0.44 / 0.56*	799.7 /92.5	*0.40 / 0.47*	79.7 / 92.5	*0.40 / 0.47*
28	Lowering speed – loaded / empty	fpm	m/s	94.5 / 79	*0.48 / 0.40*	94.5 / 79	*0.48 / 0.40*	94.5 / 79	*0.48 / 0.40*	28	96.5 / 96.5	*0.49 / 0.49*	98.5 / 98.5	*0.50 / 0.50*	76.8 / 76.8	*0.39 / 0.39*
29	Maximum gradeability – loaded / empty	%		32		32		31		29	32		30		24	
	WEIGHT															
30	Empty – without battery	lb	kg	5,853	*2,655*	6,747	*3,060*	6,247	*2,834*	30	8,394	*3,807*	8,780	*3,983*	9,797	*4,444*
31	Axle load – with rated load (front / rear)(w/ minimum battery)	lb	kg	11,137 / 1,115	*5,052 / 506*	12,508 / 1,454	*5,674 / 659*	12,490 / 1,656	*5,665 / 751*	31	15,864 / 1,630	*7,196 / 739*	16,694 / 1,686	*7,572 / 765*	18,872 / 1,930	*8,560 / 875*
32	Axle load – without rated load (front / rear)(w/minimum battery)	lb	kg	3,955 / 4,297	*1,794*	1,949	*3,863 / 5,283*	4,220 / 5,126	*1,914 / 2,325*	32	5,519 / 5,975	*2,503 / 2,710*	5,487 / 6,393	*2,489 / 2,900*	5,242 / 7,655	*2,378 / 3,472*
	CHASSIS															
33	Tire size – front	in		21 x 7 x 15		21 x 7 x 15		21 x 7 x 15		33	22 x 8 x 16		22 x 3 x 16		22 x 8 x 16	
34	Tire size – rear	in		16.25 x 6 x 11.25		16.25 x 6 x 11.25		16.25 x 6 x 11.25		34	16.25 x 6 x 11.25		16.25 x 6 x 11.25		16.25 x 6 x 11.25	
35	Wheelbase	in	mm	57	*1,450*	57	*1,450*	70	*1,549*	35	70	*1,549*	70	*1,549*	70	*1,549*
36	Tread width – front, standard tires	in	mm	35.1	*892*	35.1	*892*	35.1	*892*	36	35.3	*897*	35.3	*897*	35.3	*897*
37	Tread width – rear tires	in	mm	35	*888*	35	*888*	35	*888*	37	35	*888*	35	*888*	35	*888*
38	Ground clearance – at lowest point at mast	in	mm	3.1	*78.7*	3.1	*78.7*	3.1	*78.7*	38	3.1	*78.7*	3.1	*78.7*	3.1	*78.7*
39	Ground clearance – at center of wheelbase	in	mm	4.4	*112.5*	4.4	*112.5*	4.4	*112.5*	39	4.4	*112.5*	4.4	*112.5*	4.4	*112.5*
40	Service brakes	type		foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic		40	foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic	
41	Parking brakes	type		automatic, hydraulic		automatic, hydraulic		automatic, hydraulic		41	automatic, hydraulic		automatic, hydraulic		automatic, hydraulic	
	ELECTRICAL															
42	Battery type			lead-acid / li-ion		lead-acid / li-ion		lead-acid / li-ion		42	lead-acid / li-ion		lead-acid / li-ion		lead-acid / li-ion	
43	Battery capacity at 6 hr. discharge rate (36 volt)	Ah	kWh	2,400	*1,089*	2,400	*1,089*	3,100	*1,406*	43	3,100	*1,406*	3,100	*1,406*	3,100	*1,406*
44	Battery capacity at 6 hr. discharge rate (48 volt)	Ah	kWh	3,240	*1,469*	3,240	*1,469*	3,970	*1,800*	44	3,970	*1,800*	3,970	*1,800*	3,970	*1,800*
45	Battery compartment size, maximum	in	mm	39.5 x 30.5 x 22.8	*1,000 x 775 x 580*	39.5 x 30.5 x 22.8	*1,000 x 775 x 580*	39.5 x 34.3 x 22.8	*1,000 x 775 x 580*	45	39.5 x 34.3x 22.8	*1,000 x 870 x 580*	39.5 x 34.3 x 22.8	*1,000 x 870 x 580*	39.5 x 34.3 x 22.8	*1,000 x 870 x 580*
46	Drive motor capacity (60 min. rating)	HP	kW	9.4	*7*	9.4	*7*	9.4	*7*	46	9.4	*7*	9.4	*7*	9.4	*7*
47	Lift output (15% rating) (36 / 48 volt)	HP	kW	15.4 / 20.8	*11.5 / 15.5*	15.4 / 20.8	*11.5 / 15.5*	15.4 / 20.8	*11.5 / 15.5*	47	16.1 / 22.1	*12 / 16.5*	16.1 / 22.1	*12 / 16.5*	16.1 / 22.1	*12 / 16.5*
48	Drive / hydraulic controls	type		AC transistor		AC transistor		AC transistor		48	AC transistor		AC transistor		AC transistor	
49	Relief pressure for attachments	bar	psi	180	*2,610*	180	*2,610*	180	*2,610*	49	180	*2,610*	180	*2,610*	180	*2,610*
50	Flow rate for attachments	gpm	lpm	7.9	*30*	7.9	*30*	7.9	*30*	50	7.9	*30*	7.9	*30*	7.9	*30*

NOTE: These specifications assume the use of drive axles, tires and tilt angles specified. Maximum converted value to gradeability at maximum torque of the traction motor. Any modification to specifications, or any other combination of specifications made after the shipment of the truck, requires prior written approval from Mitsubishi Caterpillar Forklift America Inc. (MCFA). (See ANSI/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.

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

FBC20Q – FBC40Q





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; Type E, EE (optional), Industrial Trucks. 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.

Note: Equipping this model (these models) with a power source (e.g. Lithium-ion, Hydrogen Fuel cell, etc.) that has not been previously approved by the factory is considered a modification. Per OSHA 1910.178 and ANSI/ITSDF B56.1, please consult with your factory representative prior to installing any non-OEM power source that has not been previously approved.

FBC20Q-FBC40Q

4,000-8,000 LB CAPACITY ELECTRIC CUSHION 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.

Lithium-Ion Availability:
- Greater power efficiency
- Run for 24 hours a day, 7 days a week with opportunity charging
- Zero battery maintenance
- No watering
- No more battery exchanges
- No gas emissions, odor or acidification
- No special charging areas or equipment needed
- Longer lasting life cycles (up to 4,000)
- Up to 8-year warranty on batteries
- Up to 3-year warranty on chargers

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.

MECM0402 04/26

MITSUBISHI FORKLIFT TRUCKS