POWERFUL PERFORMANCE MEETS COMPACT DESIGN.

6PNT-FB20

3,000 - 4,000 LB CAPACITY 3-WHEEL ELECTRIC FORKLIFT TRUCK

1. Powerful

Excellent Performance Heavy-duty AC drive and hydraulic motors, along with powerful Mitsubishi PM-1000 controllers, provide outstanding performance

Power Steering

Electric power steering provides improved energy efficiencies, operator comfort and durability over traditional hydrostatic power steering.

2. Durable

levels.

Outdoor Applications

These forklifts come equipped with sealed motors for added protection from contaminants. such as dust and moisture. allowing the forklift to thrive in both indoor and outdoor applications.

Reinforcement

All triplex masts are reinforced with additional crossbar members, reducing sway and torsion, especially at greater heights. Side covers are also reinforced.

3. Added Security

Presence System

The Integrated Presence System (IPS) ensures that the operator is properly seated when activating the forklift's travel or hydraulic functions - reducing the likelihood of accidental activation.

As the forklift's steer angle increases, the Controlled Cornering Speed feature progressively reduces the speed of the forklift, providing added security to both the

Controlled Cornering

operator and the load.



4. Enhanced Ergonomics

Informative Display

The easy-to-read display panel provides key information to the operator as well as diagnostic capability for a service technician.

Fingertip Control

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

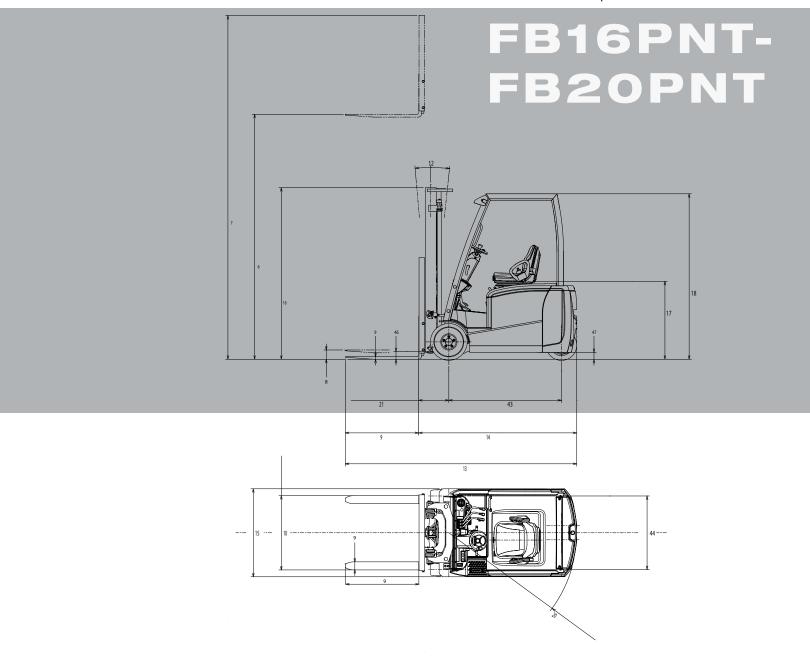






	HARACTERISTICS			FB16PNT		FB18PNT		FB20PNT		
1	Capacity at rated load center	lb	kg	3,000	1,600	3,500	1,800	4,000	2,000	
2	Capacity at load center – distance	in	mm	24	500	24	500	24	500	
3	Power – diesel, gasoline, LP gas, electric				ctric		tric	elec		
4	Tire type – cushion, solid pneumatic				cushion		cushion		cushion	
5	Wheels, number front / rear (x=driven)			2x / 2		2x / 2		2x / 2		
	DIMENSIONS			_	, _		, _		, _	
6	Lift height (see tables)	in	mm	130.9	3,325	130.9	3,325	131.1	3,330	
7	Overall height with mast raised	in	mm	179.1	4,548	179.1	4,548	179.1	4,548	
8	Free lift (see tables)			4.5	115	4.5	115	4.7	120	
9	Fork dimensions – thickness x width x length	in	mm		35 x 100 x 1,070		35 x 100 x 1,070		40 x 100 x 1,070	
10	Fork spacing – out-to-out minimum / maximum	in	mm	9.5 / 36.2	240 / 920	9.5 / 36.2	240 / 920	9.5 / 36.2	240 / 920	
11	Fork carriage to DIN 15 173 A / B / no				2A	2		2		
12	Tilt forward / backward	deg		5.0 / 7.5		5.0 / 7.5		5.0 / 7.5		
13	Overall length	in	mm	114.9	2,918	119.2	3,028	120.2	3,054	
14	Length to fork face (includes fork thickness)	in	mm	72.8	1,848	77.1	1,958	78.1	1,984	
15	Overall width	in	mm	42.9	1,090	42.9	1,090	42.9	1,090	
16	Height with lowered mast	in	mm	83.7	2,125	83.7	2,125	83.7	2,125	
17	Seat height to SIP	in	mm	37.5	953	37.5	953	37.5	953	
18	Height to top of overhead guard	in	mm	80.7	2,050	80.7	2,050	80.7	2,050	
20	Minimum outside turning radius	in	mm	58.1	1,475	62.4	1,585	62.8	1,595	
21	Load distance, axle to fork face	in	mm	14.7	373	14.7	373	15.3	389	
22	Working aisle width with 1,000 x 1,200 mm pallets, crosswise	in	mm	124.9	3,173	129.3	3,283	130.2	3,308	
23	Working aisle width with 800 x 1,200 mm pallets, crosswise	in	mm	117.8	2,993	129.3	3,103	123.1	3,127	
23	PERFORMANCE	- 111		117.0	2,773	122,2	3,103	123.1	5,127	
24	Travel speed, loaded	mph	km/h	10.0	16.0	10.0	16.0	10.0	16.0	
25	Travel speed, empty	mph	km/h	10.0	16.0	10.0	16.0	10.0	16.0	
26	Lift speed, loaded (36 Volt)	fpm	m/s	78.7	0.40	68.9	0.35	66.9	0.34	
27	Lift speed, empty (36 Volt)	fpm	m/s	110.2	0.56	110.2	0.56	110.2	0.56	
28	Lift speed, loaded (48 Volt)	fpm	m/s	98.4	0.50	86.6	0.44	78.7	0.40	
29	Lift speed, mpty (48 Volt)	fpm	m/s	118.1	0.60	118.1	0.60	118.1	0.60	
30	Lowering speed, loaded	fpm	m/s	102.4	0.52	102.4	0.52	102.4	0.52	
31	Lowering speed, loaded Lowering speed, empty	fpm	m/s	98.4	0.52	98.4	0.5	98.4	0.5	
32	Gradeability loaded at 1 mph (1.6 kmh) (36 Volt)									
33		% %		13		12 25		11 23		
34			27		28		26			
34	Gradeability maximum (empty) (30 voit)	<u>%</u> %		30 35		35		35		
25	Cradophility maximum (ampty) (49 Valt)	0		-			J		J	
35	Gradeability maximum (empty) (48 Volt)	q	70		,,,	3		3		
	WEIGHT			6.826			3 255		3 520	
36	WEIGHT Empty with minimum weight battery	lb	kg	6,826	3,095	7,171	3,255	7,756	3,520	
36 37	WEIGHT Empty with minimum weight battery Axle load with rated load, front	lb lb	kg kg	8,743	3,095 4,179	7,171 9,433	4,469	7,756 10,370	4,870	
36 37 38	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear	lb lb	kg kg kg	8,743 1,083	3,095 4,179 516	7,171 9,433 1,239	4,469 586	7,756 10,370 1,386	4,870 560	
36 37 38 39	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front	lb lb lb	kg kg kg	8,743 1,083 3,313	3,095 4,179 516 1,502	7,171 9,433 1,239 3,462	4,469 586 1,573	7,756 10,370 1,386 3,553	4,870 560 1,610	
36 37 38	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, rear	lb lb	kg kg kg	8,743 1,083	3,095 4,179 516	7,171 9,433 1,239	4,469 586	7,756 10,370 1,386	4,870 560	
36 37 38 39 40	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, rear CHASSIS	lb lb lb	kg kg kg kg	8,743 1,083 3,313 3,514	3,095 4,179 516 1,502 1,593	7,171 9,433 1,239 3,462 3,709	4,469 586 1,573 1,682	7,756 10,370 1,386 3,553 4,203	4,870 560 1,610 1,910	
36 37 38 39 40	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, rear CHASSIS Tire size front	lb lb lb lb	kg kg kg kg kg	8,743 1,083 3,313 3,514	3,095 4,179 516 1,502 1,593	7,171 9,433 1,239 3,462 3,709	4,469 586 1,573 1,682	7,756 10,370 1,386 3,553 4,203	4,870 560 1,610 1,910	
36 37 38 39 40 41 42	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear	Ib Ib Ib Ib Ib Ib Ii	kg kg kg kg kg kg	8,743 1,083 3,313 3,514 18 x 7	3,095 4,179 516 1,502 1,593 -12 1/8 x 11 1/4	7,171 9,433 1,239 3,462 3,709 18 x 7 -	4,469 586 1,573 1,682 12 1/8	7,756 10,370 1,386 3,553 4,203	4,870 560 1,610 1,910 12 1/8	
36 37 38 39 40 41 42 43	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front CHASSIS Tire size front Tire size rear Wheelbase	Ib Ib Ib Ib Ib Ib Ii Ii Ii	kg kg kg kg kg n mm	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6	3,095 4,179 516 1,502 1,593 - 12 1/8 x 11 1/4 1,285	7,171 9,433 1,239 3,462 3,709 18×7- 15×5× 54.9	4,469 586 1,573 1,682 12 1/8 (11 1/4 1,395	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9	4,870 560 1,610 1,910 12 1/8 :11 1/4 1,395	
36 37 38 39 40 41 42 43 44	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires)	Ib Ib Ib Ib Ib Ii	kg kg kg kg kg n mm mm	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9	3,095 4,179 516 1,502 1,593 - 12 1/8 × 11 1/4 1,285 912	7,171 9,433 1,239 3,462 3,709 18 x 7 - 15 x 5 x 54.9 35.9	4,469 586 1,573 1,682 12 1/8 11 1/4 1,395 912	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912	
36 37 38 39 40 41 42 43 44 45	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires)	lb lb lb lb lb in in in	kg kg kg kg m m mm mm	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9	3,095 4,179 516 1,502 1,593 - 12 1/8 × 11 1/4 1,285 912 174	7,171 9,433 1,239 3,462 3,709 18 x 7 - 15 x 5 x 54.9 35.9 6.9	4,469 586 1,573 1,682 12 1/8 11 1/4 1,395 912 174	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9 6.9	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174	
36 37 38 39 40 41 42 43 44 45 46	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast	lb lb lb lb lb in in in in	kg kg kg kg m m mm mm mm	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7	3,095 4,179 516 1,502 1,593 -12 1/8 ×111/4 1,285 912 174 95	7,171 9,433 1,239 3,462 3,709 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7	4,469 586 1,573 1,682 12 1/8 11 1/4 1,395 912 174 95	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95	
36 37 38 39 40 41 42 43 44 45 46 47	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase	lb lb lb lb lb in in in in	kg kg kg kg m m mm mm mm mm	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3	3,095 4,179 516 1,502 1,593 - 12 1/8 x 111/4 1,285 912 174 95 85	7,171 9,433 1,239 3,462 3,709 18×7- 15×5× 54.9 35.9 6.9 3.7 3.3	4,469 586 1,573 1,682 12 1/8 11 1/4 1,395 912 174 95 85	7,756 10,370 1,386 3,553 4,203 18×7- 15×5× 54.9 35.9 6,9 3.7 3.3	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85	
36 37 38 39 40 41 42 43 44 45 46 47 48	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase Brakes service	lb lb lb lb lb in in in in ty	kg kg kg kg n mmmmmmmmmmmmmmmmmmmmmmmmmm	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3 mechanica	3,095 4,179 516 1,502 1,593 - 12 1/8 x 11 1/4 1,285 912 174 95 85 I / hydraulic	7,171 9,433 1,239 3,462 3,709 18×7- 15×5× 54.9 35.9 6.9 3.7 3.3 mechanical	4,469 586 1,573 1,682 12 1/8 11 1/4 1,395 912 174 95 85 1/ hydraulic	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85 / hydraulic	
36 37 38 39 40 41 42 43 44 45 46 47	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase Brakes service Brakes parking	lb lb lb lb lb in in in in ty	kg kg kg kg m m mm mm mm mm	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3 mechanica	3,095 4,179 516 1,502 1,593 - 12 1/8 x 111/4 1,285 912 174 95 85	7,171 9,433 1,239 3,462 3,709 18×7- 15×5× 54.9 35.9 6.9 3.7 3.3 mechanical	4,469 586 1,573 1,682 12 1/8 11 1/4 1,395 912 174 95 85	7,756 10,370 1,386 3,553 4,203 18×7- 15×5× 54.9 35.9 6,9 3.7 3.3	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85 / hydraulic	
36 37 38 39 40 41 42 43 44 45 46 47 48 49	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase Brakes service Brakes parking ELECTRICAL	lb lb lb lb lb in in in in ty	kg kg kg kg n mmmmmmmmmmmmmmmmmmmmmmmmmm	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3 mechanica	3,095 4,179 516 1,502 1,593 - 12 1/8 x 111/4 1,285 912 174 95 85	7,171 9,433 1,239 3,462 3,709 18×7- 15×5× 54.9 35.9 6.9 3.7 3.3 mechanical	4,469 586 1,573 1,682 12 1/8 111 1/4 1,395 912 174 95 85 1/ hydraulic	7,756 10,370 1,386 3,553 4,203 18×7- 15×5× 54.9 35.9 6.9 3.7 3.3 mechanical	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85 / hydraulic	
36 37 38 39 40 41 42 43 44 45 46 47 48 49	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase Brakes service Brakes parking ELECTRICAL Battery type	lb lb lb lb lb in in in in ty	kg kg kg kg n mm mm mm mm pe	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3 mechanica	3,095 4,179 516 1,502 1,593 - 12 1/8 x 11 1/4 1,285 912 174 95 85 I / hydraulic ctric	7,171 9,433 1,239 3,462 3,709 18×7- 15×5× 54.9 35.9 6.9 3.7 3.3 mechanical	4,469 586 1,573 1,682 12 1/8 11 1/4 1,395 912 174 95 85 1/ hydraulic	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85 / hydraulic	
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase Brakes service Brakes parking ELECTRICAL Battery type Battery capacity at 6 hr. discharge rate (36 Volt)	Ib Ib Ib Ib Ib Ib Ii Ii Ii Ii Ii It	kg kg kg kg n mm mm mm mm pe	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3 mechanica	3,095 4,179 516 1,502 1,593 -12 1/8 x 11 1/4 1,285 912 174 95 85 I / hydraulic ctric	7,171 9,433 1,239 3,462 3,709 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect lead 1,100	4,469 586 1,573 1,682 12 1/8 11 1/4 1,395 912 174 95 85 1/ hydraulic ctric acid 39.6	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect lead 1,100	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85 / hydraulic ctric acid 39.6	
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase Brakes service Brakes parking ELECTRICAL Battery type Battery capacity at 6 hr. discharge rate (36 Volt) Battery capacity at 6 hr. discharge rate (48 Volt)	Ib Ib Ib Ib Ib Ib Ii Ii Ii Ii In Ii It It ty Ah Ah	kg kg kg kg kg n n mm mm mm mm pe	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3 mechanica ele leac 880 660	3,095 4,179 516 1,502 1,593 -12 1/8 x 11 1/4 1,285 912 174 95 85 I / hydraulic ctric	7,171 9,433 1,239 3,462 3,709 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect lead 1,100 770	4,469 586 1,573 1,682 12 1/8 111/4 1,395 912 174 95 85 1/ hydraulic ctric acid 39.6 37.0	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect lead 1,100 770	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85 / hydraulic ctric acid 39.6 37.0	
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase Brakes service Brakes parking ELECTRICAL Battery type Battery capacity at 6 hr. discharge rate (36 Volt) Battery weight, minimum	Ib Ib Ib Ib Ib Ib Ii Ii Ii Ii In Ii It It ty Ah Ah Ib	kg kg kg kg kg n n mm mm mm mm pe pe	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3 mechanica ele leac 880 660 1,910	3,095 4,179 516 1,502 1,593 -12 1/8 x 11 1/4 1,285 912 174 95 85 I / hydraulic ctric	7,171 9,433 1,239 3,462 3,709 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect 1,100 770 2,200	4,469 586 1,573 1,682 12 1/8 111/4 1,395 912 174 95 85 1/ hydraulic ctric acid 39.6 37.0 1,000	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect 1,100 770 2,200	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85 / hydraulic ttric acid 39.6 37.0 1,000	
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase Brakes service Brakes parking ELECTRICAL Battery type Battery capacity at 6 hr. discharge rate (36 Volt) Battery weight, minimum Battery weight, maximum	Ib Ib Ib Ib Ib Ib Ib If	kg kg kg kg kg n n mm mm mm mm pe pe kWh kg kg	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3 mechanica ele leac 880 660 1,910 2,400	3,095 4,179 516 1,502 1,593 -12 1/8 x 111/4 1,285 912 174 95 85 I / hydraulic ctric I acid 31.7 31.7 865 1,090	7,171 9,433 1,239 3,462 3,709 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect 1,100 770 2,200 2,700	4,469 586 1,573 1,682 12 1/8 111/4 1,395 912 174 95 85 1/ hydraulic ctric acid 39.6 37.0 1,000 1,225	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect 1,100 770 2,200 2,700	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85 / hydraulic ctric acid 39.6 37.0 1,000 1,225	
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase Brakes service Brakes parking ELECTRICAL Battery type Battery capacity at 6 hr. discharge rate (36 Volt) Battery weight, minimum Battery weight, maximum Battery compartment size, maximum	Ib Ib Ib Ib Ib Ib Ii Ii Ii Ii In Ii It It It It Ib Ib Ib Ii	kg kg kg kg kg n n mm mm mm mm pe pe kWh kg kg mm	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3 mechanica ele leac 880 660 1,910 2,400 39.6x20.8x24.8	3,095 4,179 516 1,502 1,593 -12 1/8 x 11 1/4 1,285 912 174 95 85 I / hydraulic ctric I acid 31.7 31.7 865 1,090 1,006x528x630	7,171 9,433 1,239 3,462 3,709 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elecc lead 1,100 770 2,200 2,700 39.6x25.1x24.8	4,469 586 1,573 1,682 12 1/8 111/4 1,395 912 174 95 85 1/ hydraulic ctric acid 39.6 37.0 1,000 1,225 1,006x638x630	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect 1,100 770 2,200 2,700 39,6x25.1x24.8	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85 / hydraulic ttric acid 39.6 37.0 1,000 1,225 1,006x638x630	
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase Brakes service Brakes parking ELECTRICAL Battery type Battery capacity at 6 hr. discharge rate (36 Volt) Battery weight, minimum Battery weight, maximum Battery compartment size, maximum Drive motor capacity (60 min. rating)	Ib Ib Ib Ib Ib Ib Ii Ii Ii Ii Ii It It It It Ib Ib II	kg kg kg kg kg n n mm mm mm mm pe pe kWh kg kg mm kW	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3 mechanica ele leac 880 660 1,910 2,400 39.6x20.8x24.8 6.0 x 2	3,095 4,179 516 1,502 1,593 -12 1/8 x 111/4 1,285 912 174 95 85 I/ hydraulic ctric I acid 31.7 31.7 865 1,090 1,006x528x630 4.5 x 2	7,171 9,433 1,239 3,462 3,709 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect 1,100 770 2,200 2,700 39.6x25.1x24.8 6.0 x 2	4,469 586 1,573 1,682 12 1/8 111/4 1,395 912 174 95 85 1/ hydraulic ttric acid 39.6 37.0 1,000 1,225 1,006x638x630 4.5 x 2	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect 1,100 770 2,200 2,700 39.6x25.1x24.8 6.0 x 2	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85 / hydraulic ttric acid 39.6 37.0 1,000 1,225 1,006x638x630 4.5 x 2	
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 55 56 57 56 57	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase Brakes service Brakes parking ELECTRICAL Battery type Battery capacity at 6 hr. discharge rate (36 Volt) Battery weight, minimum Battery weight, maximum Battery compartment size, maximum Drive motor capacity (60 min. rating) Lift output (15% rating)	Ib Ib Ib Ib Ib Ib Ib Ii Ii Ii Ii Ii Ii It It It It Ii It Ii	kg kg kg kg kg n n mm mm mm mm pe pe kWh kg kg mm kW	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3 mechanica ele leac 880 660 1,910 2,400 39.6x20.8x24.8 6.0 x 2 15.4	3,095 4,179 516 1,502 1,593 -12 1/8 x 111/4 1,285 912 174 95 85 I / hydraulic ctric I acid 31.7 31.7 865 1,090 1,006x528x630 4.5 x 2 11.5	7,171 9,433 1,239 3,462 3,709 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect 1,100 770 2,200 2,700 39.6x25.1x24.8 6.0 x 2 15.4	4,469 586 1,573 1,682 12 1/8 (11 1/4 1,395 912 174 95 85 1/ hydraulic ctric acid 39.6 37.0 1,000 1,225 1,006x638x630 4.5 x 2 11.5	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect 1,100 770 2,200 2,700 39.6x25.1x24.8 6.0 x 2 15.4	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85 / hydraulic ctric acid 39.6 37.0 1,000 1,225 1,006x638x630 4.5 x 2 11.5	
36 37 38 39 40 41 42 43 44 45 46 47 48 49 55 55 56 57 58	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase Brakes service Brakes parking ELECTRICAL Battery type Battery capacity at 6 hr. discharge rate (36 Volt) Battery weight, minimum Battery weight, maximum Battery compartment size, maximum Drive motor capacity (60 min. rating) Lift output (15% rating) Drive controls	Ib Ib Ib Ib Ib Ib Ib Ii Ii Ii Ii Ii Ii It It It It Ii It	kg kg kg kg kg n n mm mm mm mm pe pe kWh kg kg mm kW kW	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3 mechanica ele leac 880 660 1,910 2,400 39.6x20.8x24.8 6.0 x 2 15.4 AC tra	3,095 4,179 516 1,502 1,593 -12 1/8 x 11 1/4 1,285 912 174 95 85 I/ hydraulic ctric I acid 31.7 31.7 865 1,090 1,006x528x630 4.5 x 2 11.5 insistor	7,171 9,433 1,239 3,462 3,709 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect 1,100 770 2,200 2,700 39.6x25.1x24.8 6.0 x 2 15.4 AC tra	4,469 586 1,573 1,682 12 1/8 111/4 1,395 912 174 95 85 1/ hydraulic ctric acid 39.6 37.0 1,000 1,225 1,006x638x630 4.5 x 2 11.5 nsistor	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect 1,100 770 2,200 2,700 39.6x25.1x24.8 6.0 x 2 15.4 AC tra	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85 / hydraulic ctric acid 39.6 37.0 1,000 1,225 1,006x638x630 4.5 x 2 11.5 nsistor	
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 55 56 57 56 57	WEIGHT Empty with minimum weight battery Axle load with rated load, front Axle load with rated load, rear Axle load without load, front Axle load without load, front Axle load without load, rear CHASSIS Tire size front Tire size rear Wheelbase Track width front (center of tires) Track width rear (center of tires) Ground clearance at lowest point at mast Ground clearance at center of wheelbase Brakes service Brakes parking ELECTRICAL Battery type Battery capacity at 6 hr. discharge rate (36 Volt) Battery weight, minimum Battery weight, maximum Battery compartment size, maximum Drive motor capacity (60 min. rating) Lift output (15% rating)	Ib Ib Ib Ib Ib Ib Ib Ii Ii Ii Ii Ii Ii It It It It Ii It	kg kg kg kg kg n n mm mm mm mm pe pe kWh kg kg mm kW	8,743 1,083 3,313 3,514 18 x 7 15 x 5 50.6 35.9 6.9 3.7 3.3 mechanica ele leac 880 660 1,910 2,400 39.6x20.8x24.8 6.0 x 2 15.4 AC tra	3,095 4,179 516 1,502 1,593 -12 1/8 x 111/4 1,285 912 174 95 85 I / hydraulic ctric I acid 31.7 31.7 865 1,090 1,006x528x630 4.5 x 2 11.5	7,171 9,433 1,239 3,462 3,709 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect 1,100 770 2,200 2,700 39.6x25.1x24.8 6.0 x 2 15.4 AC tra	4,469 586 1,573 1,682 12 1/8 (11 1/4 1,395 912 174 95 85 1/ hydraulic ctric acid 39.6 37.0 1,000 1,225 1,006x638x630 4.5 x 2 11.5	7,756 10,370 1,386 3,553 4,203 18 x 7 - 15 x 5 x 54.9 35.9 6.9 3.7 3.3 mechanical elect 1,100 770 2,200 2,700 39.6x25.1x24.8 6.0 x 2 15.4	4,870 560 1,610 1,910 12 1/8 11 1/4 1,395 912 174 95 85 / hydraulic ctric acid 39.6 37.0 1,000 1,225 1,006x638x630 4.5 x 2 11.5 nsistor	

Call-out numbers shown in the diagrambelow correspond to the first column of the specifications chart



SAFETY STANDARDS

The setrucks meet American National Standards Institute/Industrial Truck Standards Development Foundation, ANSI/ITSDFB56.1.UL-Classified by Underwriters Laboratories, Inc., as to fire and electric shock hazardonly; 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 without in order to be a change of the change without notice. Some products may be shown without in order to be a change of the change

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.

FB16PNT-FB20PNT

3,000 - 4,000 LB CAPACITY 3-WHEEL ELECTRIC FORKLIFT TRUCK

Flexible Operation

1. Rough Terrain

Even demanding applications that feature rough or uneven floors are no problem for these forklifts. Available modifications, such as solid pneumatic tires and a full-suspension seat, can further customize the forklifts to create a comfortable ride, shift after shift.

2. Cold Environments

Cold storage applications can be harsh for both forklifts and operators. The Cold Storage Modification option offers a variety of enhancements, such as low-temperature grease, oils and heaters that are applied to key components, helping to protect both the operator and forklift in extreme conditions.

3. Dock-To-Stock

Built to perform in dock-to-stock applications, this series can be equipped with optional features for increased operator comfort and productivity.

4. Service Made Easy

Service technicians have easy access to components and diagnostic capabilities, resulting in quicker repairs and increased uptime.

5. 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 3,000)
- 5-year warranty on batteries
- 2-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 dealer about details on factory retail programs, financing plans to meet your individual needs and additional options and dealer services.

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