

3,000-4,000 lb Capacity

3-Wheel Electric Forklift Trucks







Sleek And Slenders:

Small spaces are no match for this high performance truck. The FB20NT is meant for operating in smaller aisles and tighter spaces where larger trucks just won't go. Need help with frequent loading or unloading? No problem – this truck is ready to work.

The Tight Squeezers

Speed and power are the name of the game. With its blend of size and speed, this is one truck that can be counted on to get you out of a tight spot.



Digital display:

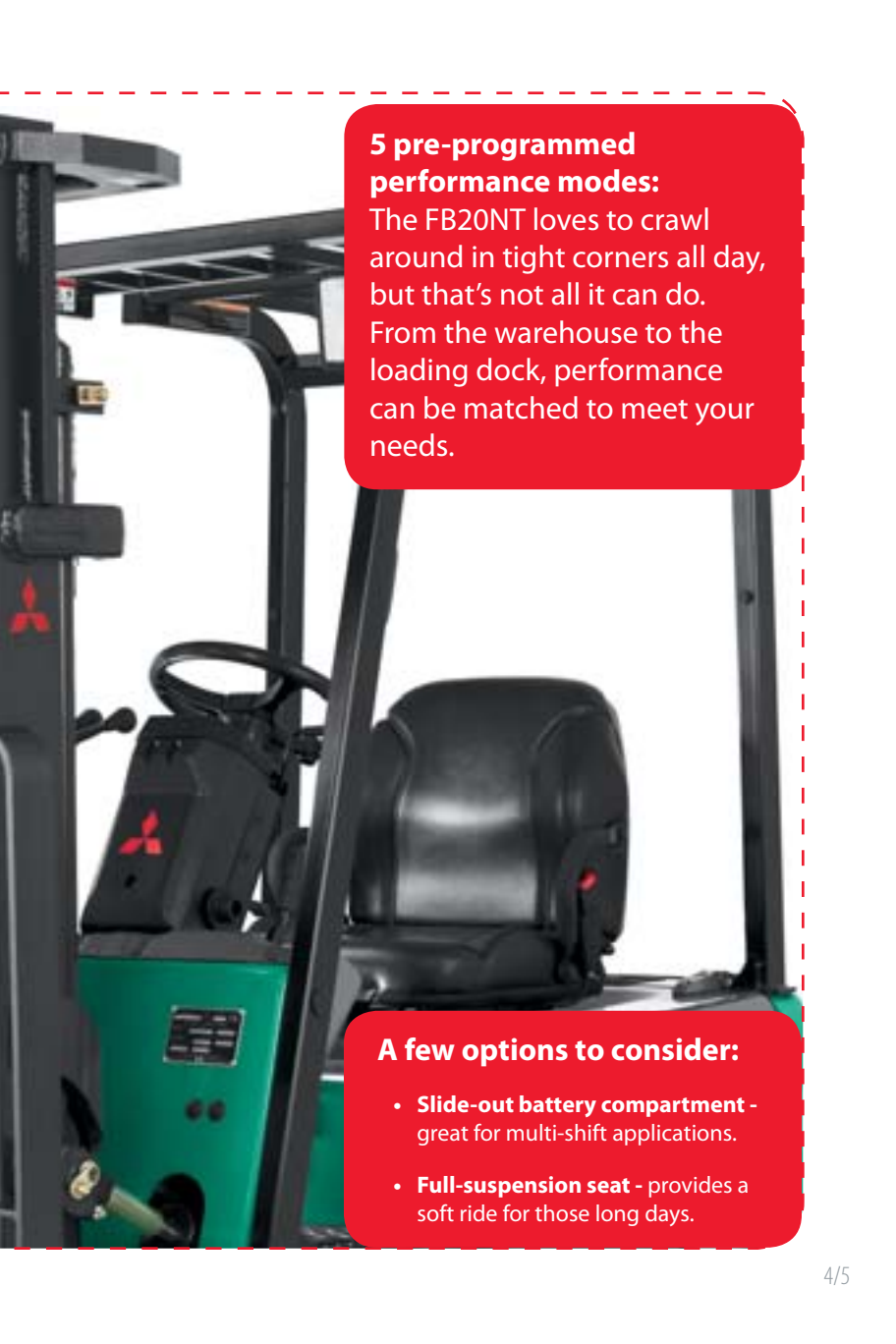
Designed for convenience, the display panel tells you everything you need to know instantly. No need for guessing games with this truck.

Adjustable tilt steering:

Finding that perfect position is made easy with the FB20NT. Ready, set, tilt!

Out-Lifting The Big Guys, Daily

This truck may be tiny in stature, but it's packed with creature comforts. Your operators will be surprised at the ease of operation – the FB20NT makes lifting heavy loads a piece of cake.



5 pre-programmed performance modes:

The FB20NT loves to crawl around in tight corners all day, but that's not all it can do. From the warehouse to the loading dock, performance can be matched to meet your needs.

A few options to consider:

- **Slide-out battery compartment** - great for multi-shift applications.
- **Full-suspension seat** - provides a soft ride for those long days.

So Reliable, You May Take It For Granted



So much power in such a small package. Equipped with these standard features, you can breathe a little easier – the FB20NT will keep running, shift after shift.

Durable mast design:

Heavy lifting? Don't let the narrow mast channels fool you. The toughness of the mast allows you to handle heavy loads at higher lifting heights.

PM-1000 AC control system:

Optimizes power and energy efficiency, while reducing wear on key components. This is one smart machine.



Integrated Presence System

(IPS): Helps reduce risk by temporarily disengaging the drive and hydraulic functions if operators leave the normal operating position.

Over temperature

protection: Helps keep your control system, drive motor and hydraulic motor from overheating. How cool is that?

A few options to consider:

- **Solid tire options** - adapt your ride to your unique floor conditions.
- **DC/DC converter** - provides power for the tools you use to do the job.
- **Orange seat belt** - provides a quick visual indicator of whether your operators are wearing their seatbelts.
- **Light and strobe packages** - choose a package that enhances the visibility of the forklift in your application.

Green: it just grows on you.



When we think about your environment, we also think about THE environment.

More than ever before, businesses are turning to electric forklifts for their material handling needs because they don't produce harmful emissions, yet feature similar performance to their internal combustion counterparts.

No fossil fuels, no fumes, no wonder more companies are relying on electric products from Mitsubishi Forklift Trucks.

Mitsubishi Heavy Industries is on the leading edge of green technology:



Wind turbines



CO₂ recovery



Public transportation



ISO 14001 manufacturing facilities

The Tight Squeezers

CHARACTERISTICS				FB16NT		
1	Capacity	at rated load center	lb	kg	3,000 / 1,600	
2		at load center – distance	in	mm		
3	Power	electric, diesel, gasoline, LP gas				
4	Tire type	cushion, pneumatic				
5	Wheels (x=driven)	number front / rear				
Dimensions						
6	Lift	maximum fork height with rated load	in	mm	188 /	
7	Lift with standard	maximum fork height	in	mm		
8	two-stage mast	free fork height	in	mm	4.5 /	
9	Forks	thickness x length x width	in	mm	1.4x42x3.9 /	
10	Fork spacing	out-to out minimum / maximum	in	mm	9.4/36.0 /	
11	Tilt	forward / backward	deg			
12	Overall Dimensions	length to fork face	in	mm	74.5/ 1,893	
13		width	standard	in	mm	
14		height	mast lowered	in	mm	
15			seat height to SIP	in	mm	
16			top of overhead guard	in	mm	
17		mast extended	in	mm		
18	Minimum outside turning radius		in	mm	59.5 / 1,515	
19	Minimum aisle – 90° stack – zero clearance w/o load		in	mm	74.5 / 1,893	
Performance						
20	Speeds	travel loaded / empty	mph	km/h	9.4/10.6 / 15.1/17.0	
21		lift speed loaded / empty	fpm	mm/s	79.0/110 / 0.40/0.56	
22		lowering speed loaded / empty	fpm	mm/s	98.0/118 / 0.50/0.60	
23	Gradeability	loaded at 1 mph (1.6 km)	%		13	
24		maximum empty	%		27	
Weight						
25	Empty	w/ minimum weight battery	lb	kg	6,800 / 3,090	
26	Axle load	w/ rated load	front / rear	lb	kg	9,200/4,175 / 1,140/515
27		without load	front / rear	lb	kg	3,300/1,500 / 3,500/1,590
Chassis						
28	Ground clearance	at lowest point at mast	in	mm		
29		at center of wheel base	in	mm		
30	Brakes	service		type		
31		parking			type	
Powertrain						
32	Battery	type				
33		max. capacity at 6 hr. discharge rate	Ah	kWh	950 / 34.2	
34		minimum weight	lb	kg	770 / 37.0	
35	Motors	traction output (60 min. rating)	HP	kW	1,910 / 865	
36		lift output (15% rating) x2	HP	kW		
37	Controls	drive / hydraulic		type		
38	Relief pressure	for attachments	psi	bar		

NOTE: These specifications assume the use of drive axles, tires and tilt angles specified. Any modification to specifications, or any other combination of specifications made after the shipment of the truck, requires prior written approval from Mitsubishi Caterpillar Forklift America Inc. ("MCFA"). (See ANSI/ITSDF B56.1.)

FB18NT

3,500 / 1,800

24 / 500

electric

cushion

2x / 2

FB20NT

4,000 / 2,000

4,790

130 / 3,300

171 / 4,350

115

4.7 / 120

35x1,070x100

1.6x42x3.9 / 40x1,070x100

240/918

9.4/36.0 / 240/893

6° / 7°

78.5 / 1,996

80.2 / 2,037

42.0 / 1,070

83.0 / 2,105

41.3 / 1,048

80.5 / 2,040

179.0 / 4,550

64.0 / 1,620

65.0 / 1,645

78.5 / 1,996

80.0 / 2,037

36V

48V

36V

48V

8.9/10.6 / 14.4/17.0

10.6/10.6 / 17.0/17.0

8.5/10.6 / 13.7/17.0

10.6/10.6 / 17.0/17.0

69.0/110 / 0.35/0.56

87.0/118 / 0.44/0.60

67.0/110 / 0.34/0.56

79.0/118 / 0.4/0.6

102/98.0 / 0.52/0.50

12

25

11

23

28

35

26

35

7,250 / 3,290

7,750 / 3,520

9,900/4,500 / 1,300/590

10,700/4,870 / 1,430/650

3,500/1,590 / 3,750/1,700

3,550/1,610 / 4,200/1,910

2.9 / 75.0

3.9 / 100

foot-operated, hydraulic

hand-operated, mechanical

lead-acid

950 / 34.2

770 / 37.0

950 / 34.2

770 / 37.0

2,200 / 1,000

6.7 / 5.0

18.7 / 14.0

AC transistor / AC transistor

2,250 / 155

Also be advised that overall operating visibility may be affected by the mast configuration and mast options of your forklift truck. Therefore, you may need to add ancillary [auxiliary] devices or modify your operating practices. Consult your dealer for further information.

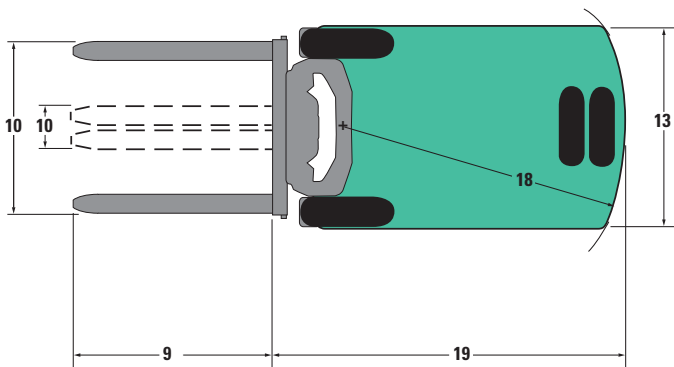
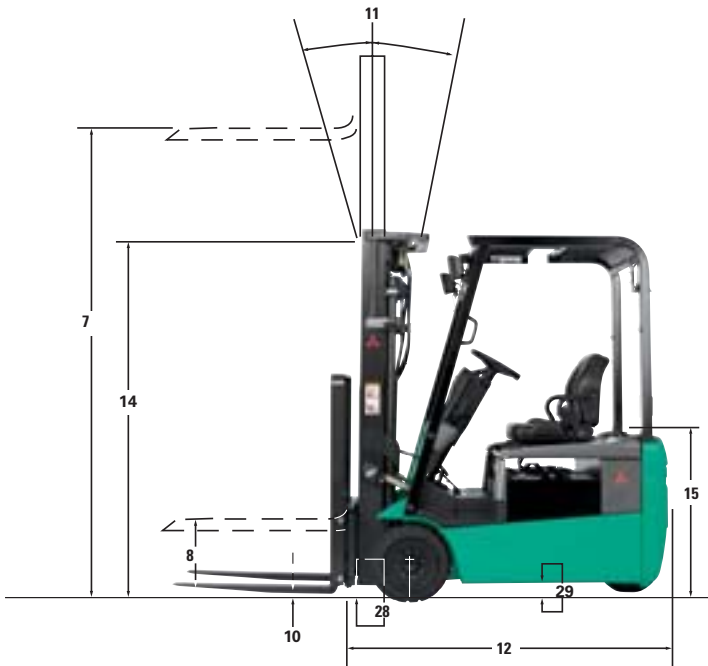
Safety Standards

These trucks meet American National Standards Institute/ Industrial Truck Standards Development Foundation, ANSI/ITSDF B56.1. UL-Classified by Underwriters Laboratories, Inc., as to fire and electric shock hazard only; 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, including 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.

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





Service with a smile:

500-hour service intervals helps you save on maintenance costs with less downtime for service. One more reason to smile.

Winning warranties:

We've got you covered with parts and labor for all systems for one year and an additional year for all powertrain components. Just 365 more reasons to relax.



Plenty of parts:

From genuine Mitsubishi forklift truck parts to Promatch® parts for any forklift model, we're your single source.

We Stand Behind Our Products

The FB20NT and the rest of the Mitsubishi Forklift Truck line-up are backed by some of the industry's best services. Our programs – just like our forklifts – deliver great value.

3,000-4,000 lb Capacity
3-Wheel Electric Forklift Trucks



Ready. Reliable.
Right On The Money.

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
- Additional options and dealer services

1-888-mit-lift • www.mit-lift.com



Mixed Sources

Product group from well-managed forests, controlled sources and recycled wood or fiber

www.fsc.org Cert no. SW-COC
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