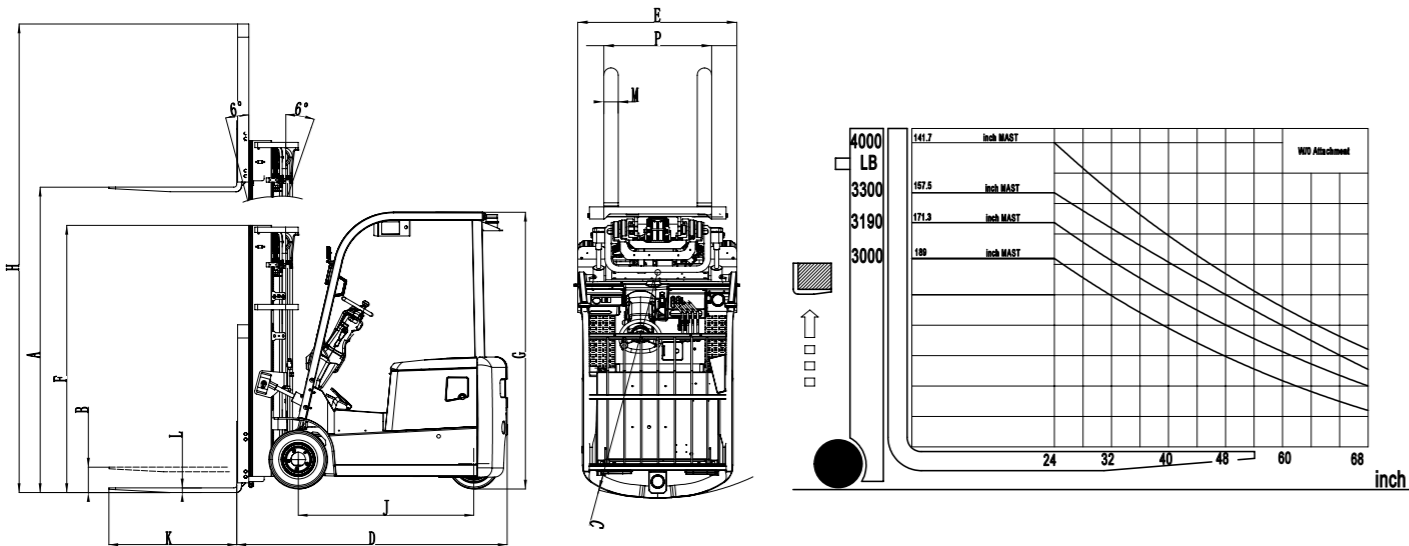


# SPECIFICATIONS

## LI-ION BATTERY POWERED THREE-WHEEL FORKLIFT TRUCK 1.5/1.8/2.0T (PARAMETER AND PERFORMANCE)

CHARACTERISTICS	1	Model	Model designation	Unit	FTB15	FTB18	FTB20
	2	Load Capacity	At 24" (600mm) load center	lb. (kg)	3000 (1500)	3500(1800)	4000 (2000)
3	Power Type	Electric	Voltage	48V			
4	Operator Orientation						Sit Down
5	Tire Type	Front & rear					Cushion
6	Wheels	Number front/rear (X=Driven)					2X/2
DIMENSIONS	7	Mast	Maximum fork height (MFH) (A)	in (mm)	118.1 (3000)		
	8		Mast height lowered (OHL) (F)	in (mm)	78.5 (1995)		
	9		Mast height extended with LBR (H)	in (mm)	158.7 (4030)		
	10		Mast tilt - fwd/back	degree	6° /6°		
	11		Standard free lift (B)	in (mm)	3.9 (100)		
	12		Standard carriage width	in (mm)	37.4 (950)		
	13		Forks	Length x width x thickness (K,M,L)	in (mm)	35.0x3.9x1.4 (900x100x35)	
				Fork spread-min./max. outside width (P)	in (mm)	8.0/35.6 (200/903)	
	15			Length (to face of forks) (D)	in (mm)	78.1 (1985)	
	16		Overall Dimensions	Width (standard tires) (E)	in (mm)	43.3 (1100)	
Height - top of OHG (G)		in (mm)		81.8 (2077)			
17		Long distance, axle to fork face	in (mm)	16.6 (421)			
18	Overhang						
19	Turning Radius	Minimum outside (C)	in (mm)	60.8 (1545)	61.8 (1569.5)		
20	Min Right Angle Stack	Add load length & clearance	in (mm)	132.5 (3366)	133.5 (3391)		
Performance	Speeds Maximum	Travel - loaded	mph (km/h)	7.5 (12)			
		Travel - unloaded	mph (km/h)	8.7(14)			
		Lift - loaded	fpm (mm/sec)	68.9 (240)			
		Lift - unloaded	fpm (mm/sec)	114.2 (450)			
		Lowering - loaded	fpm (mm/sec)	98.4 (500)			
		Lowering - unloaded	fpm (mm/sec)	94.5 (480)			
27	Gradeability Maximum	Loaded	%	22			
		Unloaded	%	30			
WEIGHT	29	Truck Weight	Empty, min. battery	lb. (kg)	7161 (3255)	8254 (3752)	8382 (3810)
	30	Tire Size	Front/rear (standard tires)				18x7 - 12.125 / 15x5x 11.25
CHASSIS & WHEELS	31	Wheelbase	in (mm)	51.9 (1317)			
	32	Thread - Center of Tire	Front/rear (standard tires)	in (mm)	36.7/8.4 (932/214)		
	33	Headroom	SIP to bottom of OHG	in (mm)	39.8 (1011)		
	34	Step Height	in (mm)	16.1 (410)			
	35	Ground Clearance	Under mast	in (mm)	3.7 (94)		
			Under frame, center of wheelbase	in (mm)	3.6 (92)		
BATTERY&OTHER	37	Brake	Service Brake	Regenerative braking & Hydraulic-Foot pedal			
			Parking Brake	Mechanical- Hand lever			
	38	Battery	Voltage /Capacity	V/Ah	48V/350Ah (130kg)		
	40	Motor	AC Drive Motor	kW	5.4x2		
			Lifting Motor	kW	10		

Remarks: Zhejiang Microlift Co., Ltd reserves the right to make any changes without notice concerning specifications detailed in this brochure.



# FTB15/FTB18/FTB20

## 3-WHEEL FORKLIFT TRUCK (SIT DOWN)

LFP Battery

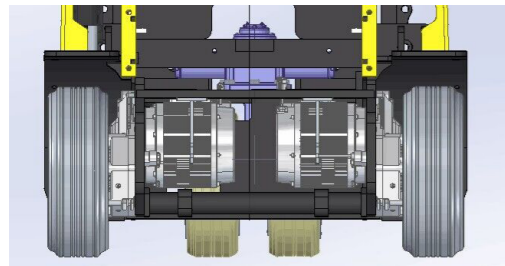
1.5/1.8/2.0T  
(3000/3500/4000 LBS)



- Dual Front AC Drive
- Excellent ergonomic design
- Maximum maneuverability
- Easy operation and maintenance

# CHARACTERISTIC

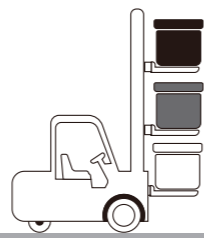
## DUAL DRIVE MORE POWERFUL



Two separate drive motors controlled by AC Tech controller



12-14km/h Driving speed



Good remaining capacity at high position



0.24m/s Max. lifting speed with load



22% Max. Gradeability with load

## POWER AND PERFORMANCE

### Productivity:

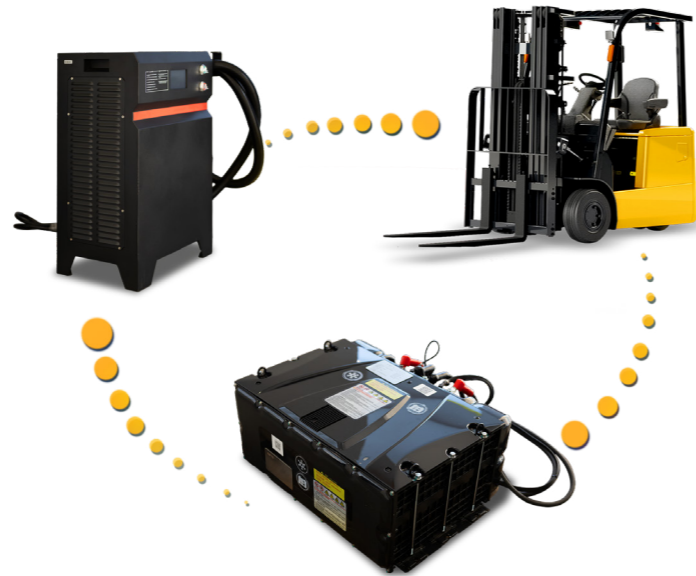
- Easy and fast charging, suitable for multi shift operation

### Green:

- Zero emission, pollution-free

### Maintenance free and Reliability:

- High power conversion efficiency
- Lower overall operation cost
- 4000 times charge-discharge cycles
- More than 8 years long service



## Compact Design

## Maximum Maneuverability

Perfectly fit in limited working space. Minimum outside turning radius of 1.54m helps to reach an ideal maneuverability



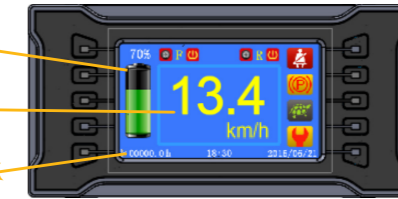
## INTELLIGENT DISPLAY

The intelligent LED instrument panel shows forklift status

Remaining battery level

Running speed

Accumulated working hours



## RELIABLE CONTROLLER

ZAPI controller ideally combines the lithium battery management system with the forklift, presenting a simple but smart control system and perfect driving experience



## IBMS (INTELLIGENT BATTERY MANAGEMENT SYSTEM)



### ● RT Status:

Report the forklift status in real-time

### ● RUN log:

Monitor the forklift run trend

### ● DEV info:

Easily get the battery information for check and inspect.

Detect the battery with your phone Any time & Any where.

## OPTIMUM OPTIONS



OPS: preventing accidents and keeping workers in the operating areas safe.



Reversing camera: providing comfortable operation, safety and efficiency



Blue spot light: reminding pedestrians when reversing



Back-up handle with horn button: improving both driver's comfort and reversing safety