

ZOOMLION

# FE 16-20H

THREE-WHEEL ELECTRIC FORKLIFT



High efficiency



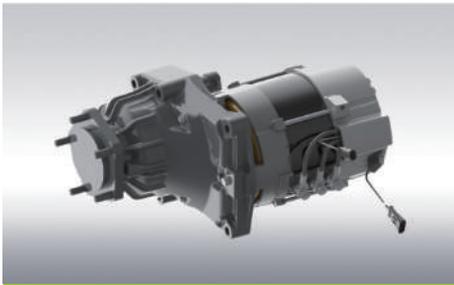
High performance battery



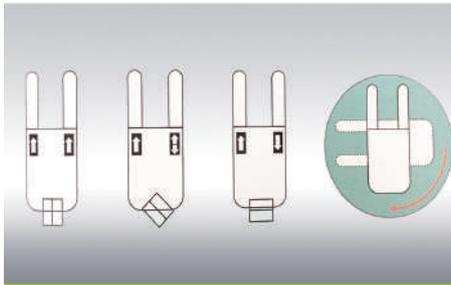
Reliable design



## PRODUCT CHARACTERISTICS



Full AC drive system, imported wet brake.



The front wheel is driven by two independent motor, with the increase of the steering angle, the output speed of the two motors is different realizing forklift In-situ rotation.



Mast triple full free equipped with double front cylinder, increasing greatly the driver operating field of vision.



optional Fingertip control system set to rise and fall, forward, backward, lateral and emergency stop switch, a horn, lighting control and other control buttons in one.



Advanced suspension seat with suspension damping function, which can ease the driver fatigue, and improve work efficiency.



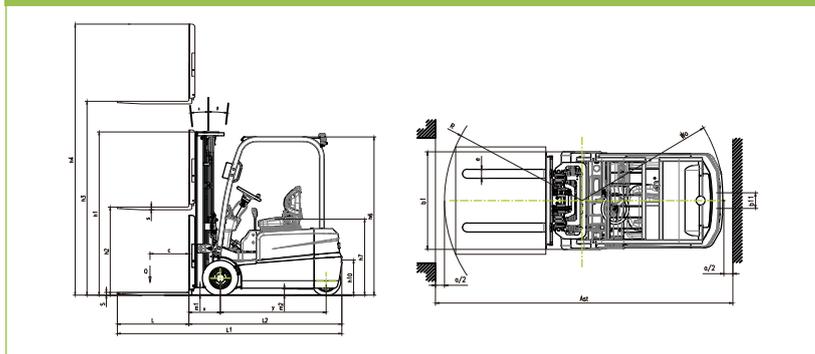
With multi-function LCD display users can easily monitor the performance and working status of the vehicle through the information displayed on the display.

# Machine Parameters

Characteristics		FE16H	FE18H	FE20H
Power	-	Battery	Battery	Battery
Rated Capacity	Q(kg)	1600	1800	2000
Load Center	C(mm)	500	500	500
Lifting Height	h3(mm)	3000	3000	3000
Free Lifting Height	h2(mm)	1106	1106	1106
Fork Size LxWxH	L5xWxT(mm)	920x100x40	920x100x40	920x100x40
The fork carriage forward / backward	o	6/6.5	6/6.5	6/6.5
Min. Turning Radius	Wa(mm)	1575	1575	1680
Mast ground clearance	m1(mm)	90	90	90
Overhead Guard Height	h6(mm)	2050	2050	2050
Front overhang	x(mm)	403	403	403
<b>Performance</b>				
Max. Traveling Speed (loaded)	km/h	13	13	13
Max. Lifting Speed (loaded/unloaded)	mm/s	320/400	320/400	300/390
Max. Traction/Gradeability (loaded)	kN/%	12	11	10.5
<b>Dimensions</b>				
Overall Length(with fork)	L1 (mm)	2885	2885	2995
Overall Width	b1/b2(mm)	1090	1090	1170
Wheelbase center clearance	m2(mm)	90	90	90
Length to fork face	L2 (mm)	1960	1960	2074
<b>Chassis</b>				
Tyre(Front)	-	18X7-8	18X7-8	200/50-10
Tyre(Rear)	-	15X4.5-8	15X4.5-8	15X4.5-8
Wheelbase	y(mm)	1360	1360	1470
Tread(Front/Rear)	S(mm)	920/180	920/180	960/180
Curb Weight(None-load)	kg	3170	3250	3450
<b>Powertrain</b>				
Battery(Voltage/Capacity)	V/Ah	48/500 (48/404)	48/500 (48/404)	48/600 (48/404)
Running motor power	kW	4.8x2	4.8x2	4.8x2
Lifting motor power	kW	11	11	11
Battery weight	kg	900	900	1005
Controller type	-	AC	AC	AC
Sound level at the driver's ear acc. to DIN 12053	dB(A)	75	75	75

Remarks: ( ) is the parameter of lithium battery.

## Machine 2D Graph



## Capacity Chart

