

ZOOMLION
NORTH AMERICA

FE18H

THREE-WHEEL ELECTRIC FORKLIFT



High efficiency



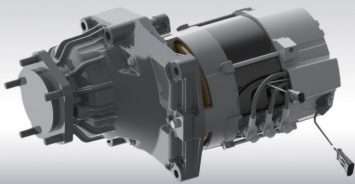
High performance
battery



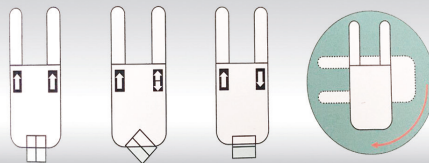
Reliable design



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		FE18H
Power	-	Battery
Rated Capacity	Q(lb)	3306.88
Load Center	C(in)	23.62
Lifting Height	h3(in)	189
Free Lifting Height	h2(in)	67.13
Fork Size LxWxH	L5xWxT(in)	36.22x3.94x1.57
The fork carriage forward / backward	o	3/5
Min. Turing Radius	Wa(in)	62.01
Mast ground clearance	m1 (in)	3.94
Overhead Guard Height	h6(in)	229.29
Front overhang	x(in)	15.87
Performance		
Max. Traveling Speed (loaded)	mph	8.08
Max. Lifting Speed (loaded/unloaded)	in/s	11.81/15.75
Max. Traction/Gradeability (loaded)	%	11
Dimensions		
Overall Length(with fork)	L1 (in)	77.36
Overall Width	b1 (in)	46.06
Wheelbase center clearance	m2(in)	3.54
Chassis		
Tyre(Front)	-	18X7-8
Tyre(Rear)	-	15X4.5-8
Wheelbase	y(in)	53.54
Tread(Front/Rear)	S(in)	36.22/7.09
Curb Weight(Non-load)	lb	6290.27
Powertrain		
Battery(Voltage/Capacity)	V/Ah	48/500 (48/404)
Running motor power	HP	6.44x2
Lifting motor power	HP	14.75
Battery weight	lb	1616.70
Controller type	-	AC
Sound level at the driver's ear acc. to DIN 12053	dB(A)	75

Remarks: () is the parameter of lithium battery.
Remarks:The above parameters are based on 189 in 3 Steps Free Mast.

