

ZOOMLION FE100C, FE100HC

Техническая брошюра производителя
Редакция: август 2026 года

Контакты продавца
Купить штабелёр
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В публичной копии заменены контактные блоки и сервисный QR-код. Сведения об изготовителе, заводские обозначения, технические таблицы, перечни штатного и дополнительного оснащения сохранены.

Комплектацию конкретной машины сверяют с заводской табличкой и спецификацией поставки. Брошюра содержит варианты исполнения и дополнительное оснащение; она не заменяет руководство по эксплуатации.

We are delighted to introduce Zoomlion Industrial Vehicle's comprehensive service support system, built to deliver fast and efficient solutions tailored to your needs. Here's how we ensure smooth operations for your business, backed by our key service channels and commitments.



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ZOOMLION

ZOOMLION (ANHUI) INTELLIGENT LOGISTICS EQUIPMENT CO., LTD
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*We reserve the right to make technical modifications to the content of this document without prior notice.
The product specifications provided in this document are current as of August 2026.

ZOOMLION



Rated Load Capacity
10 T
C Series

FE100C / FE100HC

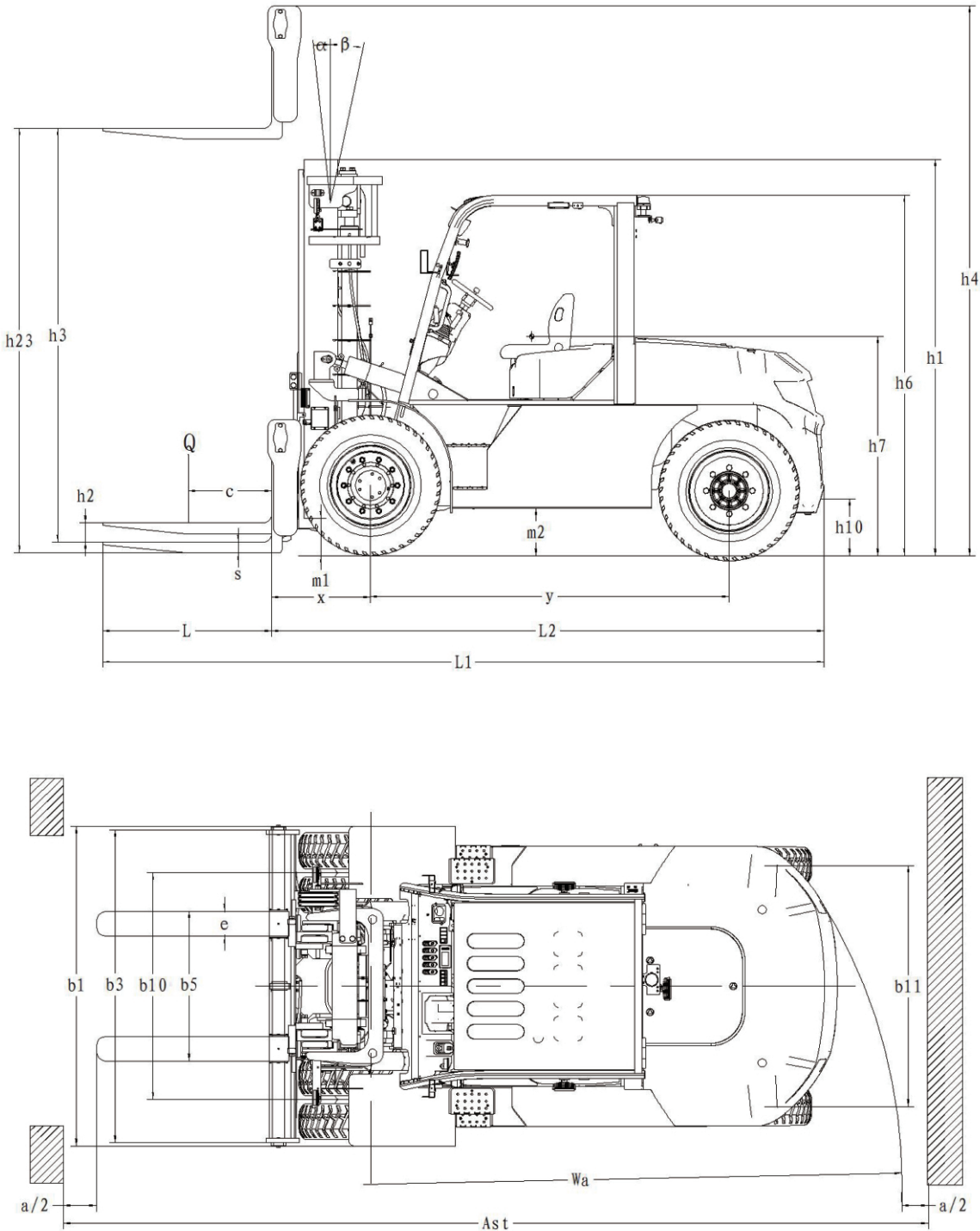
ZOOMLION | Electric Counterbalance Forklift

Electric Counterbalance Forklift
ZOOMLION MATERIAL HANDLING

	Parameter	Unit	FE100C	FE100HC
Identification	Power type	-	Electric	Electric
	Operation type	-	Seated	Seated
	Rated load capacity	Q(kg)	10000	10000
	Load center distance	c(mm)	600	600
	Front overhang	x(mm)	719	719
	Wheelbase	y(mm)	2600	2600
Weight	Service weight	kg	14100	14100
	Axle load at full load, front/rear	kg	21690/2410	21690/2410
	Axle load at no load, front/rear	kg	6345/7755	6345/7755
Wheels	Tire type	-	Pneumatic tire	Pneumatic tire
	Front tire size	-	9.00-20-14PR	9.00-20-14PR
	Rear tire size	-	9.00-20-14PR	9.00-20-14PR
	Number of wheels, front/rear (X = drive wheel)	-	4x/2	4x/2
	Front track width	b10 (mm)	1600	1600
	Rear track width	b11 (mm)	1700	1700
Dimensions	Mast tilt angle, forward/backward	$\alpha/\beta(^{\circ})$	6/12	6/12
	Mast lowered height	h1 (mm)	2835	2835
	Free lift height (excluding fork thickness)	h2 (mm)	120	120
	Lifting height	h3 (mm)	2920	2920
	Maximum lifting height	h23 (mm)	3000	3000
	Maximum mast height during operation	h4 (mm)	4484	4484
	Overhead guard (cab) height	h6 (mm)	2610	2610
	Seat height from ground	h7 (mm)	1580	1580
	Tow pin height	h10 (mm)	410	410
	Overall length	L1 (mm)	5225	5225
	Overall length (without forks)	L2 (mm)	4005	4005
	Overall width	b1(mm)	2256	2256
	Fork outer spacing (min./max.)	b5(mm)	456-2086	456-2086
	Fork size, thickness × width × length	s/e/L(mm)	80/175/1220	80/175/1220
	Carriage width	b3 (mm)	2247	2247
	Mast ground clearance	m1 (mm)	230	230
	Frame ground clearance	m2 (mm)	305	305
	Stacking aisle width, pallet 1000x1200 (1200 across fork direction)	Ast (mm)	5669	5669
	Stacking aisle width, pallet 800x1200 (1200 along fork direction)	Ast (mm)	5869	5869
	Turning radius	Wa (mm)	3750	3750
Performance	Travel speed, laden/unladen	km/h	17/17	22/22
	Fork lifting speed, laden/unladen	mm/s	300/350	390/420
	Fork lowering speed, laden/unladen	mm/s	460/400	460/400
	Rated tractive force, full load	kN	51	61
	Gradeability, laden/unladen	%	17/21	22/22
Drive	Battery (voltage/capacity)	V/Ah	96V-690/920/1208Ah	309V-228/280/304Ah
	Drive motor power	kW	42	56
	Lift motor power	kW	28×2	36×2
	Battery weight	kg	780	700
	Controller	-	Santroll	Megmeet
	Operating pressure	MPa	20	20

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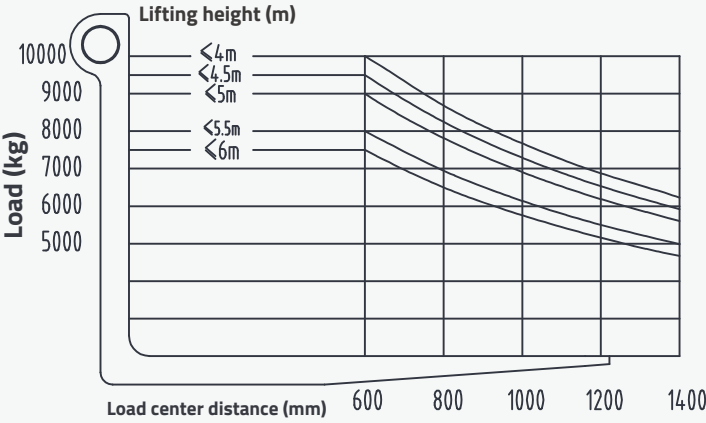
Dimensional drawing



SPECIFICATIONS

Load chart

FE100C/FE100HC



*Note:
The vertical axis represents the load capacity, and the horizontal axis represents the load center distance. The load center distance is measured from the front face of the forks.
The reference point for standard load is the center of a cube with a load edge length of 1200mm.
When the mast is tilted forward, non-standard forks are used, or loads exceeding the normal width are handled, the load capacity will be reduced. The load chart allows for timely reference to the rated capacity of the standard mast at various load center distances.

MAST OPTION TABLE

Duplex wide-view mast					
Mast maximum lifting height	Rated capacity	Mast lowered height	Maximum mast height during operation	Free lift height	Mast tilt angle
	(600mm load center)	(forks on the ground)		(excluding fork thickness)	Forward/backward
mm	kg	mm	mm	mm	°
3000	10000	2835	4484	120	6/12
3500	10000	3085	4984	120	6/12
4000	10000	3385	5484	120	6/12
4500	9500	3635	5984	120	6/12
5000	9000	3885	6484	120	6/6
5500	8000	4185	6984	120	3/6
6000	7500	4435	7484	120	3/6

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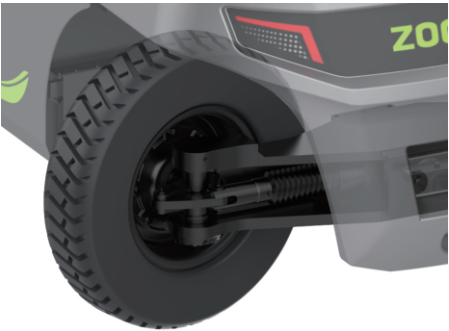


Electric Counterbalance Forklift
ZOOMLION MATERIAL HANDLING

PRODUCT HIGHLIGHTS

Long-lasting, safer — the new benchmark for heavy-duty handling

Rigorous factory standards with multi-level safety protection built for harsh environments.
High-capacity lithium battery, supports both charging and battery swapping.
Performance comparable to internal combustion forklifts, energy-efficient and productive.
Comfortable operation, easy maintenance, and low cost of ownership.



Safe and Reliable

- Standard safety features include cornering speed control and neutral detection, with optional speed alarms and reverse cameras for added protection.
- It meets IPX4 protection standards, and the lithium battery comes with a built-in heating module to ensure reliable operation in extreme weather.



Extended Runtime

- Standard equipped with high-capacity lithium battery, with a variety of extra-large capacity lithium batteries available as options, meeting the demands of high-intensity, long-duration continuous handling operations.
- The lithium battery comes standard with a side-extraction swap function, offering both charging and battery-swapping options to meet various customer power needs.



Enhanced Performance

- A high-power permanent magnet synchronous motor combined with dual-pump confluence technology delivers strong, consistent output.
- All-motion potentiometers with adaptive flow-matching technology optimize energy efficiency.
- The machine offers precise, effortless control with low noise and low vibration.



Comfortable Operation

- Ergonomic design significantly improves front and rear visibility for a more comfortable operating experience.
- Fully enclosed dashboard for a sleek and spacious appearance.
- Smarter digital upgrades for an overall better driving experience.

FEATURES

Feature		FE100C	FE100HC	Feature		FE100C	FE100HC
Working device	Duplex mast	●	●	Hydraulic parts	3-way load-sensing valve	—	—
	Other masts	○	○		4-way load-sensing valve	●	●
	Tilt cylinder guard	○	○		All-motion potentiometer	●	●
	Steering cylinder guard	○	○		5-way load-sensing valve	○	○
	Load backrest	○	○		Spool control	●	●
Whole vehicle	Pneumatic tire (dual wheel)	●	●	Safety features	Fingertip control system	○	○
	Solid tire (dual wheel)	○	○		Steering deceleration function	●	●
	Non-marking solid tire (dual wheel)	○	○		Emergency stop	●	●
	Smart color display instrument (with speed mode selection)	●	●		Fuse box	●	●
	Combination switch	●	●		Tilt self-locking	●	●
	USB port	●	●		Hydraulic priority steering	●	●
	Storage box	●	●		Descent cushioning function	●	●
	Cigarette lighter	○	○		Reverse radar	○	○
	Card reader start (electronic keypad lock)	○	○		Reverse camera	○	○
	Fingerprint lock	●	●		Driving recorder (front/rear)	○	○
	Standard overhead guard	●	●		Seatbelt alarm	○	○
	Center rearview mirror	●	●		OPS system	○	○
	Center convex mirror	○	○		Lift-to-top cushioning function	○	○
	PVC roof canopy	○	○		Overspeed alarm / speed limiter (adjustable)	○	○
	Height-adjustable overhead guard	○	○		Universal key	○	○
	Front and rear windshield (with/without wiper)	○	○		Overload alarm	○	○
	Fan	○	○		Weighing system	○	○
	Cab	○	○		Lift travel speed limitation	○	○
	Air conditioner	○	○		Travel speed limit (5/8/10 km/h)	○	○
	Heater	○	○		Dry powder fire extinguisher (1/2/3/4 kg)	○	○
	Left and right rearview mirrors	○	○		Mechanical brake	●	●
	Standard seat	●	●		One-touch parking brake	○	○
	Full suspension seat	○	○		Hydraulic fork positioning	●	●
	Semi-suspension seat	○	○		Fork carriage	○	○
	-30℃ low-temperature adaptation	○	○		Other fork lengths	○	○
Electrical parts	Quick-change lithium battery (GB standard plug)	●	●	Other attachments	○	○	
	Lithium battery side extraction device	●	●				
	Quick-change high-capacity lithium battery (GB standard plug)	○	○				
	LED combination headlights	●	●				
	LED combination rear lamps	●	●				
	Hazard warning lights	●	●				
	Standard warning light	●	●				
	Audible and visual alarm lamp	○	○				
	LED rear work light	○	○				
	Blue/red spotlight (front / rear / front and rear)	○	○				
	Blue/red three-way linear projection lamp	○	○				
	Delayed lighting	○	○				
	Mast light	○	○				
	Electric horn	●	●				
	Reverse buzzer	●	●				
	Right rear armrest with horn button	●	●				
	Voice reverse annunciator	○	○				
	FMS fleet intelligent management system	○	○				

Standard ● Optional ○

Standard ● Optional ○