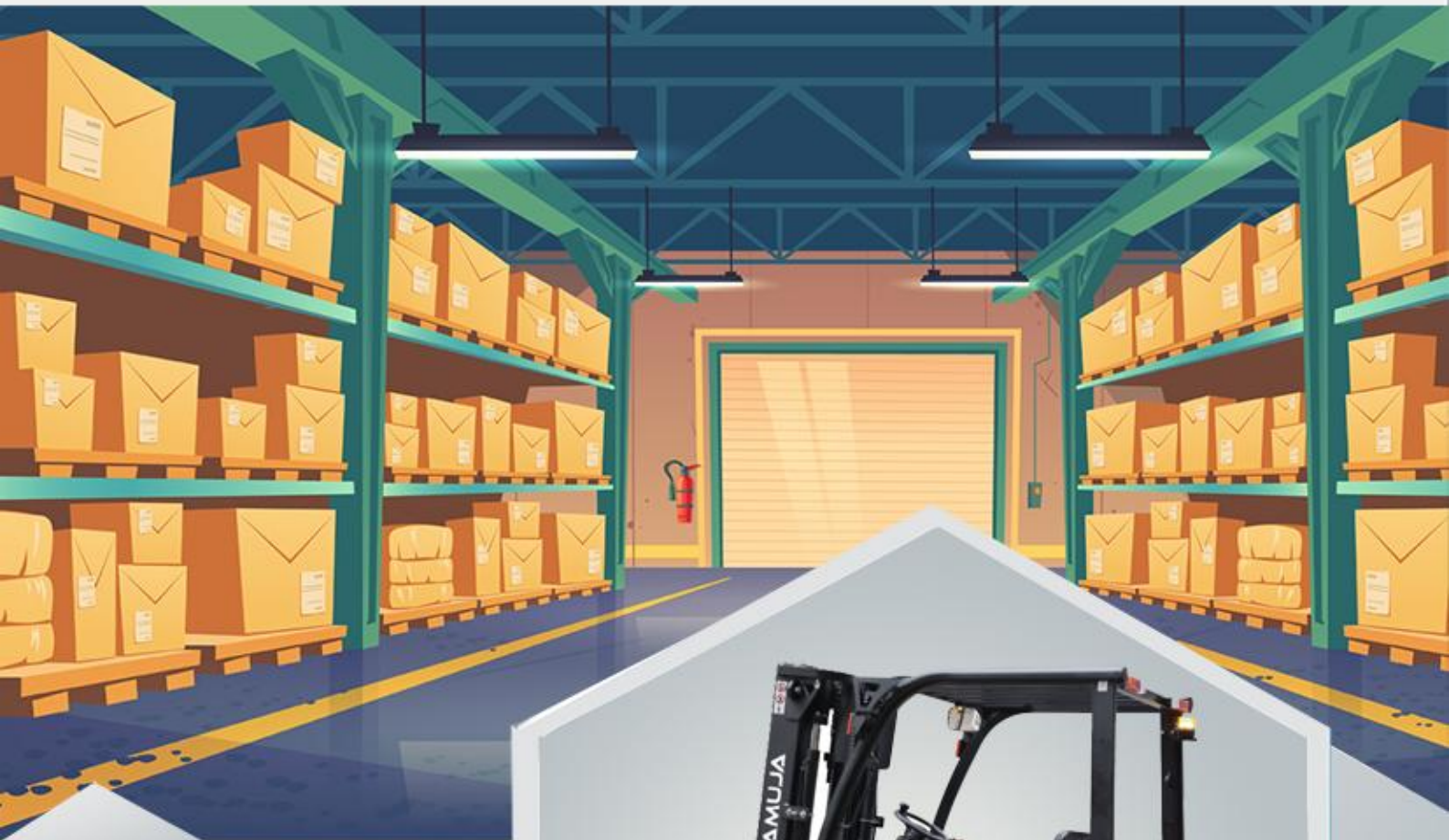




**KAMUJA**

ELECTRICAL FORKLIFT FE4P30Q **CE**



**Li-ion**

**Hunan Kamuja Machinery & Equipment Co.,Ltd**



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ISO 9001:2015

## INTRODUCTION

Q Series electric balance fork is combined others existing series respective advantages to meet the purpose of medium and light weight working conditions, while bringing comfortable and efficient driving experience. Batteries are available in two options, lead-acid batteries and smart lithium batteries. The same body can be freely chosen.

The whole center of gravity is lowered, and the height of the top guard is lowered, which facilitates the operation of the vehicle in the environment of limited height.

## FEATURES



### ① DRIVE AC MAINTENANCE-FREE

Drive motor adopts AC motor, maintenance-free, strong power; Conventional DC motors require frequent carbon brush replacement, while KAMUJA all-AC motors do not require carbon brush replacement; With speed sensing and temperature sensing, the protection function is complete, and the reliability and life are greatly improved.

### ② SIDE EXIT BATTERY DESIGN

The battery can be replaced with another forklift, allowing for easy 24 hour continuous operation.

### ③ LOW CENTER OF GRAVITY DESIGN

The traditional system uses a transverse fan-shaped drive axle, parallel arrangement and large transmission ratio. The battery is sunk at the bottom of the frame, the vehicle height is 2080mm, and the stability is good.

### ④ LOW NOISE, GROUND VIBRATION DESIGN

The hydraulic system adopts low noise gear pump and full hydraulic power steering. Low noise and comfortable operation.

Steering bridge shock absorption design: flexible connection is adopted to effectively protect the vehicle system and extend the service life of the vehicle.

### ⑤ ELECTROMAGNETIC BRAKING MAKES DRIVING AND PARKING SAFER AND EASIER

The vehicle adopts the car control mode, electromagnetic braking, so that the driver's operation is more comfortable.

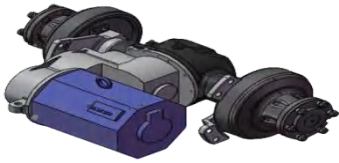
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**DETAILS**


The transmission system adopts a transverse fan-shaped drive axle, the parallel arrangement and large transmission ratio. The battery is sunk at the bottom of the frame, and the vehicle stability is good. The travelling motor adopts AC maintenance-free motor.



Multi-way valve control front, make the operation more convenient.



Damping design of steering bridge, allows flexible connection is adopted to effectively protect the vehicle system and extend the whole system which extend the service life of the vehicle.



Car control mode: suspension service brake, step-less transmission makes much fun of driving during the work.



The whole vehicle hood are formed by One Piece steel plate, which is simple and easy to operate.  
The forklift has a wide field of view frame, the intelligent buffer makes a smooth downing to the ground and it's easy to operate.  
Compared with others designs, it's more compact and is more suitable for small job sites.



Parking brake adopts one-click, making parking safer and easier.



Multi-function display, fault alarm, low battery reminder, high/medium/low speed switching protection.



The whole car is equipped with standard LED four-fulcrum lamps: headlights, front turn signals, rear combination lights, warning lights. Low power consumption, makes work at night without problem.

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## OPTIONAL ATTACHMENTS



Multi-functional soft bag clip



Brick clamp



Roll clip



String rod



Trash clip



Push-puller



Side shifter



Carton holder

## Optional Devices & Accessories

Tilt cylinder jacket

Dual drive wheel

Cab

Overhead exhaust device

User specified color

Cab heater

Rear working light

Alarm lamp

Solid tyre

Middle exhaust device

Exhaust fire protection

Suspension seat

Weighing system

Auxiliary hydraulic valve assembly

Extinguisher

Copper water tank

LED rear light

Double air filter

## Optional Fittings

Roll clip

Rotate the flat clamp

Load stabilizer

Multi-purpose bucket clamp

Soft clip

Can clip

Miter clamp

Boom

String rod

Side yoke

Swivel fork

Fork extension cover

Load ejector

Carton clip

Position ejector

Bucket

Lifting hook

Extended fork

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## Optional Mast

Description	Lift Height h3 mm	Free Lift Height h2 mm	Mast Stowed Height h1 mm	Mast Extended Height h4 mm	Tilt Angle Lean Forward/Back ward $\alpha/\beta(^{\circ})$	Load Capacity (kg)C=500mm
						No Side-shift, Inflatable Single Wheel
						<b>FE4P30Q</b>
ZT Standard Stage II Mast	2000	135	1570	3079	6/10	3000
	2500	135	1820	3579	6/10	3000
	3000	135	2070	4079	6/10	3000
	3300	135	2220	4379	6/10	3000
	3500	135	2320	4579	6/10	3000
	3600	135	2370	4679	6/10	3000
	3700	135	2420	4779	6/10	2950
	4000	135	2620	5079	6/6	2850
	4300	135	2770	5379	6/6	2700
	4500	135	2870	5579	6/6	2500
ZZ Wide View Full Free Stage II Mast	2000	563	1545	3079	6/10	3000
	2500	813	1795	3579	6/10	3000
	3000	1063	2045	4079	6/10	3000
	3300	1213	2195	4379	6/10	3000
	3500	1313	2295	4579	6/10	3000
	3600	1363	2345	4679	6/10	3000
	3700	1413	2395	4779	6/6	3000
	4000	1613	2595	5079	6/6	2850
DZ Wide View Full Free Stage III Mast	4000	988	1970	5079	6/6	2750
	4300	1113	2095	5379	6/6	2600
	4500	1163	2145	5579	6/6	2400
	4800	1263	2245	5879	6/6	2200
	5000	1406	2388	6079	6/6	2000
	5500	1640	2622	6579	3/6	1500
	6000	1873	2855	7079	3/6	1200
	6500	2107	3088	7579	3/3	800

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## SPECIFICATIONS

Characteristic	1.1	Brand		KAMUJA
	1.2	Model		FE4P30Q
	1.3	Drive mode: electric (battery or power supply), diesel, gasoline, gas, manual		Motor
	1.4	Operation mode: manual, walking, standing, riding, picking		Mount type
	1.5	Rated load capacity	Q(kg)	3000
	1.6	Load center distance	C(mm)	500
	1.7	Front overhang	X(mm)	478
	1.8	Wheel base	Y(mm)	1800
Weight	2.1	Implicit battery (see 6.5) when self-weight	kg	4070
	2.2	Bridge load at full load, front/rear	kg	6390/680
	2.3	Bridge load when unloaded, front/back	kg	1750/2320
Chassis	3.1	Tires: Solid rubber, super-elastomer, air tire, polyurethane tire		Solid/pneumatic tire
	3.2	Front wheel specification		28×9-15-14PR
	3.3	Rear wheel specification		6.50-10-10PR
	3.4	Number of wheels, front/rear wheels (x= drive wheels)		2×/2
	3.5	Front wheel tread	b10(mm)	1004
	3.6	The rear wheel base	b11(mm)	982
Basic size	4.1	Gantry/fork tilt Angle, forward/back tilt	$\alpha/\beta(^{\circ})$	6/10
	4.2	Gantry retracting height	h1(mm)	2070
	4.3	Free lifting height	h2(mm)	140
	4.4	Lifting height	h3(mm)	3000
	4.5	Gantry development height	h4(mm)	4079
	4.6	Top guard height	h6(mm)	2150
	4.7	Seat height	h7(mm)	1130
	4.8	Traction pin height	h10(mm)	580
	4.9	Overall length	l1(mm)	3773
	4.10	Body length (without fork)	l2(mm)	2703
	4.11	Total width	b1(mm)	1226
	4.12	Fork size	s/e/l(mm)	45/125/1070
	4.13	Width of fork rack	b3(mm)	1100
	4.14	Ground clearance under the gantry	m1(mm)	135
	4.15	Ground clearance under the gantry	m2(mm)	150

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	4.16	Working channel width,1000X1200 pallets (1200 cross-fork placement)	Ast(mm)	4078
	4.17	Working channel width,800X1200 pallets (1200 placed along the fork)	Ast(mm)	4278
	4.18	Radius of turning circle	Wa(mm)	2400
Performance parameter	5.1	Travel speed, full/empty	Km/h	12/13
	5.2	Increase speed, full/empty	m/s	0.26/0.34
	5.3	Descent speed, full/empty	m/s	<0.6
	5.4	Traction, full/empty S2 60 minutes		3500/2500
	5.5	Maximum climb, S2 5 minutes full/no load	%	15/15
	5.6	Service brake		electromagnetic brake
Electrical Parameter	6.1	Drive motor power S2 5 min	KW	11
	6.2	Increase motor power S3 by 15%	KW	12
	6.3	Battery standard		DIN
	6.4	Battery voltage/rated capacity K5	Volts/amps per hour	Li-ion : 80/200 80/300/400(Optional)
	6.5	Battery weight	kg	215
	6.6	Battery size, length/width/height	mm	770/650/680
Others	7.1	Drive control type		AC
	7.2	Work stress	Mpa	17.5
	7.3	The amount of oil	L/min	36
	7.4	Driver's ear noise level according to EN 12 053	Decibel	74

※ The technical information may vary by the update policy, the changes will be without prior notice.

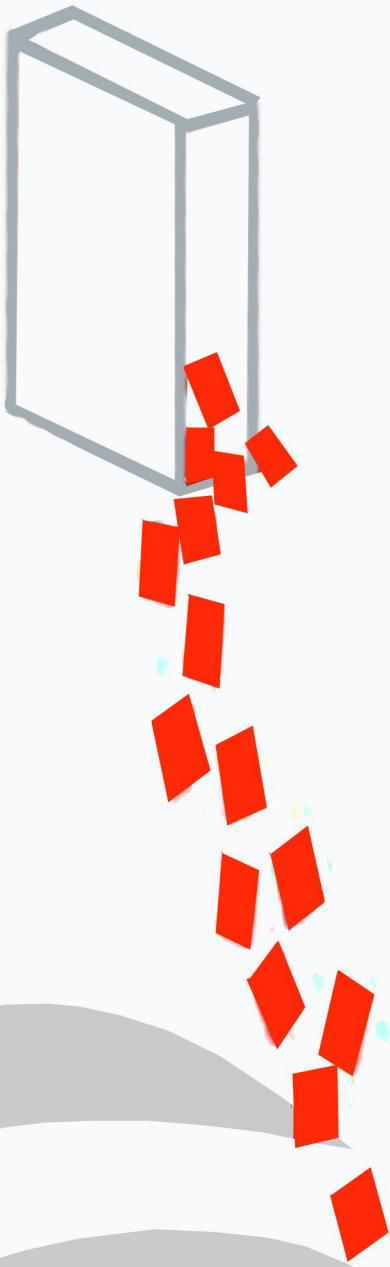
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