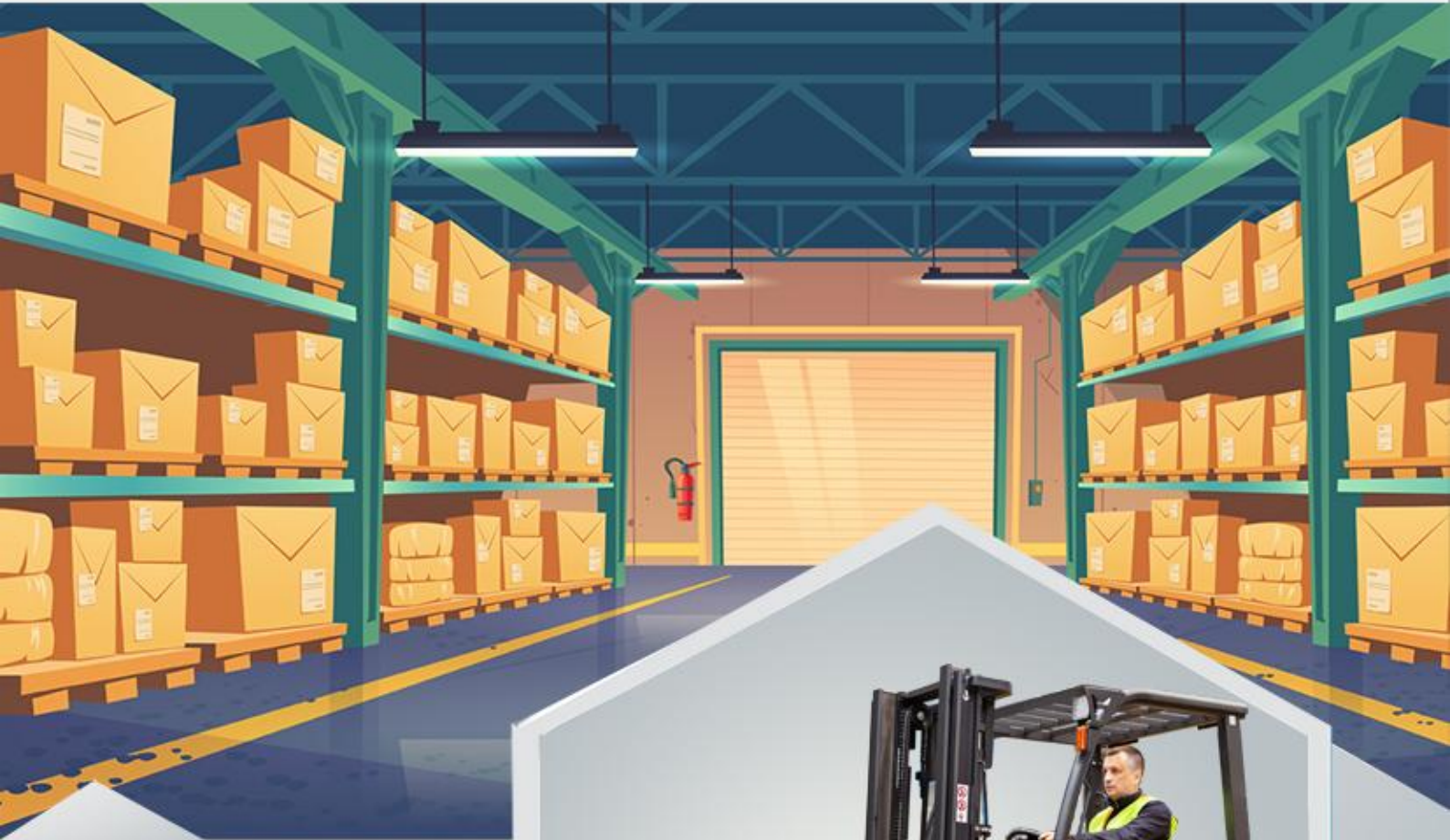




**KAMUJA**

**ELECTRICAL FORKLIFT FE4P25Q**



**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.

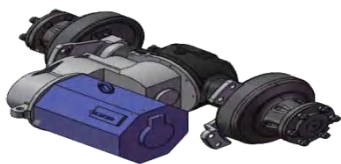
## HUNAN KAMUJA MACHINERY & EQUIPMENT CO.,LTD.

Room 818, 4th Floor, Chang Tong Logistic Center, No.18 Qingzhuhu Road, Changsha, Hunan, China



Tel: +86 0731 88677248 alvaro.jin@kamuja.cn [www.kamuja.cn](http://www.kamuja.cn)

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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



### Optional Devices & Accessories

- |                         |                                    |
|-------------------------|------------------------------------|
| Tilt cylinder jacket    | Middle exhaust device              |
| Dual drive wheel        | Exhaust fire protection            |
| Cab                     | Suspension seat                    |
| Overhead exhaust device | Weighing system                    |
| User specified color    | Auxiliary hydraulic valve assembly |
| Cab heater              | Extinguisher                       |
| Rear working light      | Copper water tank                  |
| Alarm lamp              | LED rear light                     |
| Solid tyre              | Double air filter                  |

### Optional Fittings

- |                            |                      |
|----------------------------|----------------------|
| Roll clip                  | Side yoke            |
| Rotate the flat clamp      | Swivel fork          |
| Load stabilizer            | Fork extension cover |
| Multi-purpose bucket clamp | Load ejector         |
| Soft clip                  | Carton clip          |
| Can clip                   | Position ejector     |
| Miter clamp                | Bucket               |
| Boom                       | Lifting hook         |
| String rod                 | 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>FE4P25Q</b>
ZT Standard Stage II Mast	2000	135	1570	2974	6/10	2500
	2500	135	1820	3474	6/10	2500
	3000	135	2070	3974	6/10	2500
	3300	135	2220	4274	6/10	2500
	3500	135	2320	4474	6/10	2500
	3600	135	2370	4574	6/10	2500
	3700	135	2420	4674	6/10	2500
	4000	135	2620	4974	6/6	2450
	4300	135	2770	5274	6/6	2100
	4500	135	2870	5474	6/6	2000
ZZ Wide View Full Free Stage II Mast	2000	631	1570	2968	6/10	2500
	2500	881	1820	3468	6/10	2500
	3000	1131	2070	3968	6/10	2500
	3300	1281	2220	4268	6/10	2500
	3500	1381	2320	4468	6/10	2500
	3600	1431	2370	4568	6/10	2500
	3700	1481	2420	4668	6/6	2500
	4000	1681	2620	4968	6/6	2400
DZ Wide View Full Free Stage III Mast	4000	1056	1995	4978	6/6	2300
	4300	1181	2120	5328	6/6	2000
	4500	1231	2170	5476	6/6	1900
	4800	1331	2275	5776	6/6	1600
	5000	1474	2413	5976	6/6	1500
	5500	1708	2647	6476	3/6	1150
	6000	1941	2880	6976	3/6	800
	6500	2174	3113	7476	3/3	500

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## SPECIFICATIONS

Characteristic	1.1	Brand		KAMUJA
	1.2	Model		FE4P25Q
	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)	2500
	1.6	Load center distance	C(mm)	500
	1.7	Front overhang	X(mm)	478
	1.8	Wheel base	Y(mm)	1620
Weight	2.1	Implicit battery (see 6.5) when self-weight	kg	3600
	2.2	Bridge load at full load, front/rear	kg	5500/600
	2.3	Bridge load when unloaded, front/back	kg	1540/2060
Chassis	3.1	Tires: Solid rubber, super-elastomer, air tire, polyurethane tire		Solid/pneumatic tire
	3.2	Front wheel specification		7.00-12-12PR
	3.3	Rear wheel specification		6.00-9-10PR
	3.4	Number of wheels, front/rear wheels (x= drive wheels)		2x/2
	3.5	Front wheel tread	b10(mm)	973
	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)	135
	4.4	Lifting height	h3(mm)	3000
	4.5	Gantry development height	h4(mm)	3974
	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)	3568
	4.10	Body length (without fork)	l2(mm)	2498
	4.11	Total width	b1(mm)	1150
	4.12	Fork size	s/e/l(mm)	40/120/1070
	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
	4.16	Working channel width, 1000X1200 pallets (1200 cross-fork placement)	Ast(mm)	3849

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	4.17	Working channel width,800X1200 pallets (1200 placed along the fork)	Ast(mm)	3997
	4.18	Radius of turning circle	Wa(mm)	2230
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		3100/2100
	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	10
	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(Option al)
	6.5	Battery weight	kg	200
	6.6	Battery size, length/width/height	mm	770/600/680
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.

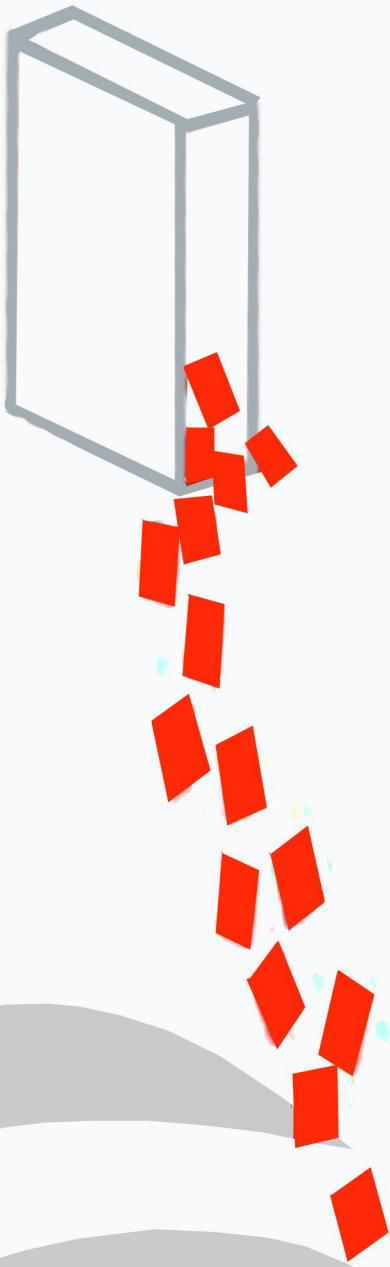
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## Hunan Kamuja Machinery & Equipment Co.,Ltd

Address: Qingzhu Hu Road N.18, Chang Tong Logistic Center Floor 4 Room 818,  
Jinxia Economic Development Zone, Changsha City, Hunan Province, P.R of China.

333 SE 2nd Avenue Suit 2000 Miami FL 33131. USA

Tel: +86 731 8867 7248 e-mail: [info@kamuja.cn](mailto:info@kamuja.cn)

Web site: [www.kamuja.cn](http://www.kamuja.cn)



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