Strong power for officient operation

omparable strong power, excellent loading capacity.



Larger gradeability Gradeability: 15%,Climbing speed when loaded: 4km/h.



Faster driving speed Driving speed is 14 km/h when fully loaded.



Endurance

Lower energy consumption and 10% more working time under the same working condition .



Focus on the key point of making profit.

Technical Data For FE Series Electric Counterbalance Forklift

		1	1									
1	Product Model			FE16S	FE18S	FE20S	FE15	FE18	FE20	FE25	FE30	FE35
2	Loading Capacity		kg	1600	1800	2000	1500	1800	2000	2500	3000	3500
3	Load Center		mm	500	500	500	500	500	500	500	500	500
4	Truck Weight(without battery)		kg	3420	3520	3760	3280	3400	4170	4410	5100	5350
	Туге											
5	Tyre Type(pneumatic,solid,Polyurethane)			solid	solid	solid	pneumatic	pneumatic	pneumatic	pneumatic	pneumatic	penumatic (rear sol
6	Wheels number, front/rear(X=driving wheel)			2X/2	2X/2	2X/2	2X/2	2X/2	2X/2	2X/2	2X/2	2X/2
7	Front Wheel Size			18×7-8	18×7-8	18×7-8	6.50-10-10PR	6.50-10-10PR	7.00-12-12PR	7.00-12-12PR	28×9-15-12PR	28×9-15-12P
8	Rear Wheel Size			16×6-8	16×6-8	16×6-8	5.00-8-10PR	5.00-8-10PR	18×7-8-14PR	18×7-8-14PR	18×7-8-14PR	18×7-8(实 [,]
9	Tread, Front	W3	mm	924	924	924	890	890	960	960	1000	1000
10	Tread, Rear	W4	mm	208	208	208	920	920	950	950	980	980
11	Wheelbase	L1	mm	1460	1460	1460	1420	1420	1510	1510	1700	1700
	Dimensions											
12	Lifting Height	h3	mm	3000	3000	3000	3000	3000	3000	3000	3000	3000
13	Fork Dimensions s/e/l	L4×W×T	mm	920×120×35	920×120×35	1070×120×40	920×120×35	920×120×35	1070×120×40	1070×120×40	1070×125×45	1070×125×5
14	Mast Tilt Angle (front/rear)	a/ß		5/7	5/7	5/7	6/12	6/12	6/12	6/12	6/12	6/12
15	Overall Height with Mast Closed	Н1	mm	2010	2010	2010	1995	1995	2070	2070	2115	2150
16	Free Lift	H3	mm	95	95	95	105	105	125	125	125	125
17	Height with Mast Extended(with backrest)	H2	mm	3940	3940	3940	3940	3940	4070	4070	4175	4175
18	Backrest Height	H6	mm	910	910	910	910	910	1045	1045	1140	1140
19	Adjustable Fork Width (outside)	W5	mm	240-970	240-970	240-970	240-970	240-970	240-1040	240-1040	250-1100	250-1100
20	Overall length (without/with fork)	L'/L	mm	2100/3020	2100/3020	2100/3170	2190/3110	2190/3110	2360/3430	2360/3430	2610/3680	2615/3685
20	Overall width(Chassis)	W1	mm	1100	1100	1100	1090	1090	1160	1160	1230	1230
22	Overhead Guard Height	H4	mm	2055	2055	2055	2195	2195	2240	2240	2250	2250
23	-	H7	mm	990	990	990	1020	1020	1020	1020	1020	1020
23	Distance from the Face of Seat to Overhead Guard	L2	-	410	410	410	420	420	465	465	480	485
24	Front Overhang		mm	-	-		-	-				
	Rear Overhang Min Turning Radius	L3	mm	230	230	230	350	350	385	385	430	430
26	-	r	mm	1690	1690	1690	2010	2010	2075	2075	2350	2350
27	Min Ground Clearance	H5	mm	90	90	90	110	110	110	110	140	140
28	Min Alsle width for pallets 1000x1200 (fork along side1000) Min Alsle Stacking width for	Ra	mm	2300	2300	2300	2050	2050	2250	2250	2425	2425
29	pallets 1000x1200 (. fork along side1200)	RASA	mm	3400	3400	3400	3600	3600	3740	3740	4070	4070
	Performance											
30	Max Travel speed (loaded/unloaded)		km/h	13/14	13/14	13/14	13/14	13/14	13/14	13/14	13/14	13/14
31	Max Lifting speed (loaded/unloaded)		mm/s	340/400	320/400	300/400	320/380	300/380	300/380	270/380	300/380	280/360
32	Max Lowering speed (loaded/unloaded)		mm/s	≤600/≥300	≤600/≥300	≤600/≥300	≤600/≥300	≤600/≥300	≤600/≥300	≤600/≥300	≤600/≥300	≤600/≥30
33	Gradeability (loaded)		%	15	15	15	15	15	15	15	15	15
	Electrical System											
34	Battery (voltage/capacity)		V/Ah	48/490	48/490	48/560	48/400	48/450	48/560	48/630	80/500	80/550
35	Driving (Traction motor)		Kw	4.5×2	4.5×2	4.5×2	8	8	11	11	15	15
36	motor rating Lifting (Pump motor)		Kw	8.6	8.6	8.6	8.6	8.6	8.6	8.6	12	12
37 Controller Brand		•		CURTIS/ZOWELL		CURTIS/ZOWELL		CURTIS/ZOWELL		CURTIS/ZOWELL		
38 Type of drive control				AC			AC		AC		AC	
Others			1									
39	Hydraulic system operating pressure	1	Мра		14.5	1	14	.5	17	7.5	17	.5



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FE 4-wheel Electric Counter Balance Forklifts



FE Series Electric iterbalance **.oun Forklifts**

Reminder: All photos here are for reference only and are subject to the phisycal product if there is any difference. Suzhou Pioneer Material Handling Equipment & Technology Co., Ltd reserves final right of explanation.



Comfortable operation to relieve fatigue

Ergonomic control layout, easy & flexible operation.

Side-mounted operation lever Increase comfort of arm and reduce fatigue of muscle.





Lighter and easier steering control

Racing formula steering wheel with small diameter, more flexible for steering.

Ergonomic design ensures comfortable driving posture.



Surrounded seat (optional feature) The seat is adjustable and can relieve

fatigue after driving for a long time.

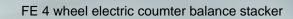
Big space for foot



Optimum angle pedal layout



Surplus space shows its superiority.



Reliable Operation Ensure the Safety

Comply with international safety standards, provides more protection.



Strong overhead guard

Well protect operator without worrying about the safety.

Zounoll



High steering point

More stable in horizontal position, reduce rollover accidents.

Driver seat built-in sensing switch for safety Operator presence sensing system is

built-in driver seat.



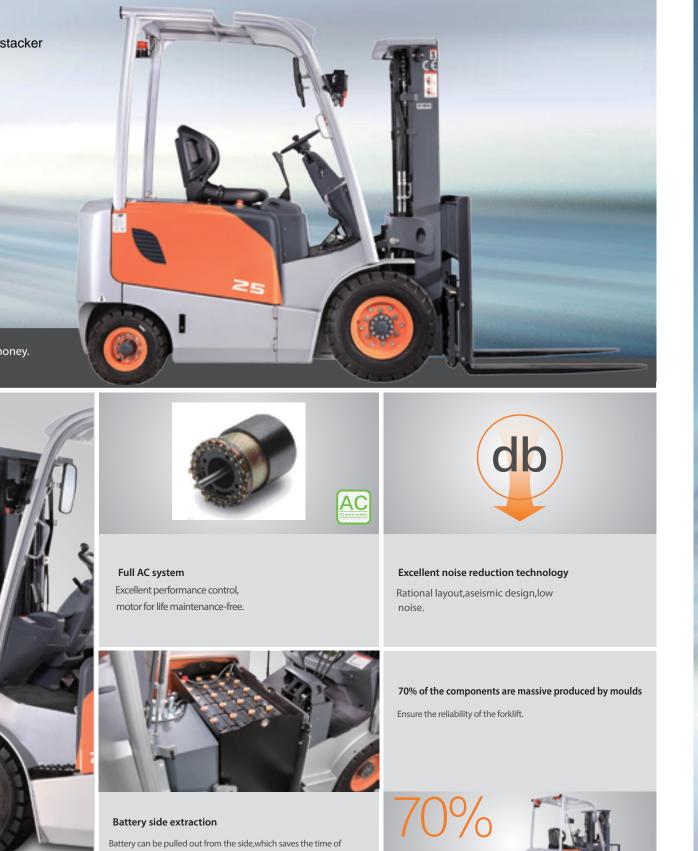
ligh stability and safety.

Easy Maintenance Low Cost.

Easy to maintain, save time, energy and money.



FE 4 wheel electric coumter balance stacker



replacement and improves working efficiency, especially for high

intensity working conditions.

FE 3-wheel electric counter balance stacker

FES 3-wheel electric counterbalance forklift



3-wheel series forklift is in accordance with the design concept of high

performance and it is an ideal selection for storage in small area. Compact and streamlined design ensures tasks can be successfully carried out in narrow space and aisle which will save a lot of money for special forklift suitable for limit area.

Client Cases

Successful cases, carrying reputation

Thanks to strict definition of technology and quality, we get lots of trust from customers, satisfy their more and more requirements for high reliability, energy conservation and environment protection. Our products are well used in different kinds of industries and creat high additional value for customers continuously.

Client Cases

Das Auto.	统一企业	тото		美的 On idea®	
TEMS.	多RIDGESTONE 普利司通轮胎			SF EXPRESS 顺丰速运	
+pgc	迎 鯊貢溉	と 的 FIRMUS	上 注集団 SAIC MOTOR	періа ваву парру	
(MARSHAR) 南山集团 NANSHAN GROUP	反撤援 五粮候 WULIANG YE ^浙	文文 SHINEWAY GROUP	第一這年	五精制兹	

