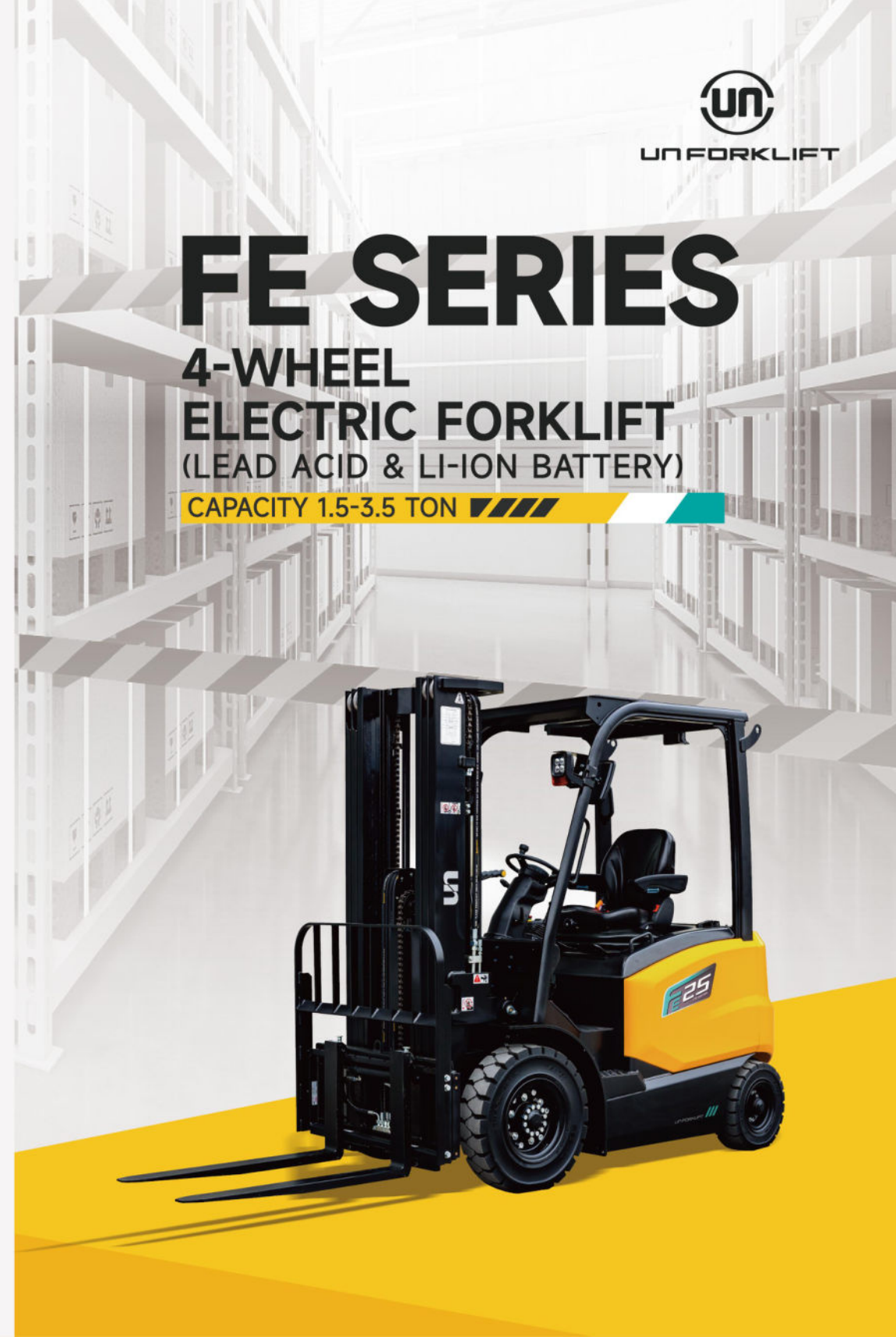




FE SERIES

4-WHEEL
ELECTRIC FORKLIFT
(LEAD ACID & LI-ION BATTERY)

CAPACITY 1.5-3.5 TON



ZHEJIANG UN FORKLIFT CO., LTD.

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CAPACITY 1.5-3.5 TON

FE SERIES | 4-WHEEL ELECTRIC FORKLIFT

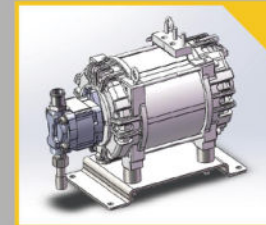
FE Series 4-wheel electric forklift (Capacity:1.5-3.5T) is a fully upgraded model developed on the basis of the original V Series. This series is built for strength and durability. Designed to withstand the toughest environments, both indoors and outdoors. The compact, agile design for easy manoeuvring in tight space.



HIGH PERFORMANCE



- The drive motor adopts an H-type parallel arrangement with good stability.



- Equipped with a high-power hydraulic pump motor & a low-noise, high-displacement pump, significantly enhances lifting speed.



- Outstanding tight-turn performance for effective warehouse operations.



Steering Axle:

- Cast axle body with a 30% increase in strength.
- Tapered roller bearings to enhance load capacity and durability.
- High-mounted design enhances stability and safety.



- Featuring a load-sensing steering gear, increasing the lift speed.



- Multiple speed modes can be freely selected based on working conditions, enhancing efficiency.

Lead-Acid Lithium Battery Solutions

Lead-Acid

- Proven Reliability
- Cost-Effective
- Easy Maintenance
- Suitable for Multi-Shift Operations

Lithium Battery

- High Efficiency & Fast Charging
- Longer Lifespan
- Maintenance-Free
- Energy-Saving & Eco-Friendly
- Charging heating function (-20°C)



BATTERY & CHARGER

Model	Capacity	Charger	Model	Capacity	Charger
Lead Acid			Li-ion		
FB15-18-FENQZD	48V/425AH	48V/60A REMA Plug	FB15-18-FENLZD FB20-XFENLZD	80V/125AH	80V/35A REMA Plug
	48V/450AH	48V/70A REMA Plug		80V/150AH	80V/65A REMA Plug
	48V/500AH	48V/70A REMA Plug		80V/173AH	80V/65A REMA Plug
	48V/550AH	48V/80A REMA Plug		80V/230AH	80V/100A REMA Plug
FB20-XFENQZD	48V/450AH	48V/70A REMA Plug	FB20-FE1NLZC	80V/346AH	80V/100A REMA Plug
	48V/500AH	48V/70A REMA Plug		80V/150AH	80V/65A REMA Plug
	48V/550AH	48V/80A REMA Plug		80V/230AH	80V/100A REMA Plug
	48V/525AH	48V/70A REMA Plug		80V/280AH	80V/100A REMA Plug
FB20-FENQZC	48V/600AH	48V/80A REMA Plug	FB25-FE1NLZC	80V/346AH	80V/100A REMA Plug
	48V/700AH	48V/100A REMA Plug		80V/460AH	80V/200A REMA Plug
	48V/770AH	48V/110A REMA Plug		80V/150AH	80V/65A REMA Plug
	48V/600AH	48V/80A REMA Plug		80V/230AH	80V/100A REMA Plug
FB25-FENQZC	48V/700AH	48V/100A REMA Plug	FB30-35-FENLZC	80V/280AH	80V/100A REMA Plug
	48V/770AH	48V/110A REMA Plug		80V/346AH	80V/100A REMA Plug
	80V/400AH	80V/60A REMA Plug		80V/460AH	80V/200A REMA Plug
	80V/480AH	80V/70A REMA Plug		80V/280AH	80V/100A REMA Plug
FB30-35-FENQZC	80V/560AH	80V/80A REMA Plug		80V/304AH	80V/100A REMA Plug
	80V/620AH	80V/80A REMA Plug		80V/346AH	80V/100A REMA Plug
				80V/460AH	80V/200A REMA Plug
				80V/560AH	80V/200A REMA Plug
				80V/608AH	80V/200A REMA Plug

SAFETY & RELIABILITY



Anti-slip function.



Robust Stamped OHG.



Wide view mast.



LED lights.



Hanging foot brake achieve smooth braking and reduce vibrations.

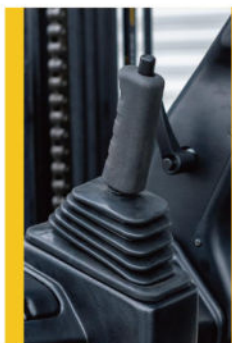


Proportional lifting function allowing for precise lifting of the cargo.



Turning speed deceleration function reduces the risk of tipping over in corners.

SUPERIOR ERGONOMICS



Adopt new ratchet-type handbrake, reducing the operating force.

Optional finger-tip control system ensures a superior driving experience.



The adjustable seat, allowing the operator to select the optimal driving position.



Fully enclosed instrument console greatly expand legroom.

The ergonomically designed adjustable steering wheel enhances comfort.

EASY MAINTENANCE



Fully opening engine cover for easy maintenance of the battery and hydraulic pump motor.



Tool-free removable floor plate for easy maintenance of the drive motor and DCDC, etc.



Fully opening electrical control cover for easy maintenance of electric controls and fuses.

Multi-function color screen instrument provides key information of forklift.



USB & TYPE C for mobile devices.

TELEMATIC (Option)



Vehicle Monitoring

Fault Handling

Track Playback

Operation Management

Dynamic Monitoring

Basic Information

Statistical Report

System Management

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (kg)										Overall Height (mm)						Free Lift (mm)						Tilt Angle	
													Lowered						Extended							
			Without Backrest			With Backrest			Without Backrest			With Backrest														
			1.5t	1.8t	2.0t (E)	2.0t	2.5t	3.0t	3.5t	1.5t/1.8/2.0t(E)	2.0-2.5t	3.0/3.5t	1.5t/1.8/2.0t(E)	2.0-2.5t	3.0/3.5t	1.5t/1.8/2.0t(E)	2.0-2.5t	3.0/3.5t	1.5t/1.8/2.0t(E)	2.0-2.5t	3.0/3.5t	1.5t/1.8/2.0t(E)	2.0-2.5t	3.0/3.5t		
2-Stage Wide View Mast	M300	3000	1500	1800	2000	2000	2500	3000	3500	2005	2045	2060	3640	3628	3641	4040	4021	4060	135	120	125/130	135	120	125/130	6-10	6-12
	M330	3300	1500	1800	2000	2000	2500	3000	3500	2155	2195	2210	3940	3928	3941	4340	4321	4360	135	120	125/130	135	120	125/130	6-10	6-12
	M350	3500	1500	1800	2000	2000	2500	3000	3500	2255	2295	2310	4140	4128	4141	4540	4521	4560	135	120	125/130	135	120	125/130	6-10	6-12
	M370	3700	1500	1800	2000	2000	2500	3000	3500	2355	2395	2410	4340	4328	4341	4740	4721	4760	135	120	125/130	135	120	125/130	6-6	6-8
	M400	4000	1450	1750	1950	1900	2400	3000	3500	2555	2495	2510	4840	4628	4641	5040	5021	5060	135	120	125/130	135	120	125/130	6-6	6-6
2-Stage Full Free Wide View Mast	M450	4500	1350	1550	1700	1700	2200	2950	3350	2805	2845	2860	5140	5128	5141	5540	5521	5560	135	120	125/130	135	120	125/130	6-6	6-6
	M500	5000	1100	1300	1450	1600	2050	2800	3100	3055	3145	3160	5640	5628	5641	6040	6021	6060	135	120	125/130	135	120	125/130	6-6	6-6
	FM300	3000	-	-	-	2000	2500	3000	3500	-	2045	2060	-	3020	3025	-	4042	4202	-	1384	1380	-	978	838	-	6-12
	FM330	3300	-	-	-	2000	2500	3000	3500	-	2195	2210	-	3320	3325	-	4342	4502	-	1534	1530	-	1128	968	-	6-12
	FM350	3500	-	-	-	2000	2500	3000	3500	-	2295	2310	-	3520	3525	-	4542	4702	-	1634	1630	-	1228	1088	-	6-12
3-Stage Full Free Wide View Mast	FM370	3700	-	-	-	2000	2500	3000	3500	-	2395	2410	-	3720	3725	-	4742	4902	-	1734	1730	-	1328	1188	-	6-6
	FM400	4000	-	-	-	2000	2500	3000	3500	-	2595	2610	-	4020	4025	-	5042	5202	-	1834	1830	-	1528	1388	-	6-6
	TFM400	4000	1500	1800	2000	1900	2300	3000	3500	1930	1945	1960	4555	4628	4641	5030	5021	5060	1390	1287	1280	915	841	860	6-6	
	TFM430	4300	1450	1700	1850	1750	2250	3000	3400	2045	2045	2060	4905	4928	4941	5380	5321	5360	1505	1387	1380	1030	941	960	6-6	
	TFM450	4500	1350	1550	1650	1700	2200	2950	3350	2095	2145	2160	5055	5128	5141	5530	5521	5560	1555	1487	1480	1080	1041	1060	6-6	
3-Stage Full Free Wide View Mast	TFM480	4800	1250	1450	1550	1650	2100	2850	3300	2195	2245	2260	5355	5428	5441	5830	5821	5860	1655	1587	1580	1180	1141	1160	6-6	
	TFM500	5000	1100	1300	1400	1400	2050	2800	3100	2295	2295	2310	5555	5628	5641	6030	6021	6060	1755	1637	1630	1280	1191	1210	6-6	
	TFM550	5500	900	1000	1200	1550	1850	2200	2500	2485	2495	2510	6055	6128	6141	6530	6521	6560	1825	1837	1830	1450	1391	1410	3-6	
	TFM600	6000	700	800	800	1400	1550	2050	2700	2695	2700	2710	6555	6628	6641	7030	7021	7060	2180	2037	2030	1685	1591	1610	3-6	

