

3-WHEEL **V SERIES ELECTRIC FORKLIFT**



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EFFICIENT / ECONOMIC
THE UN FORKLIFT TRUCK

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UN FORKLIFT

3-Wheel Electric Forklift

Capacity 1.6 ton-2.0 ton

UN's new 3-wheel electric forklift makes a grand debut with a fresh new look. High-efficiency and newly matched AC motors and ZAPI controllers minimize energy loss, reduce heat generation greatly and lower energy consumption. This increases the operation time by 20%.

The compact body design and Pivot turning by the dual AC motors offer superior maneuverability in narrow worksites. Full AC system with ZAPI controller, and ZF transmission ensure a reliable performance.

Well known, reliable key parts and scientific design provide a great performance for material handling in a wide range of applications.

**5 YEARS
WARRANTY**

5-year battery warranty,
about 4000 times long
life cycle(LI-ION BATTERY)



PRODUCT FEATURES



Stamped OHG features a cleaner and smoother appearance, along with increased strength.



Optimized pedal position:

The position of accelerator has been optimized through human engineering. Suspension foot brake.



The upgraded iron hood exceptional strength and durability, capable of withstanding substantial impacts and pressures.



Multifunctional Panel:

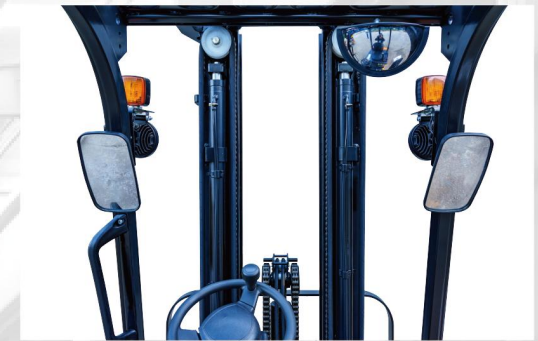
Adopts streamline design with super wide LED screen which can display clear contents with abundant information, and can keep operator aware of truck conditions and enhance operator's safety.

Available Options

- Two stage full free mast
- Three stage full free mast
- Widen backrest or Carriage
- Side shift
- Cabin
- Forks positioner
- Forks extensions
- Suspension seat
- Heater & Air conditioner
- OPS system
- Camera & display
- Mast top limited system
- Cold storage type
- 3rd Valve & Pipe
- 4rd Valve & Pipe
- Attachments
- Automatic water filling system



Side battery extraction system, the battery comes with rollers, can be pulled out manually from the right side.



Stamped OHG features a cleaner and smoother appearance, along with increased strength.



Double rear tires achieve stability during traveling and turning. It can also control the turn speed automatically according to the turning angle.



A hand brake with a self-locking function can prevent rollaway accidents, reduce operator fatigue, decrease brake wear, and improve compliance and safety.

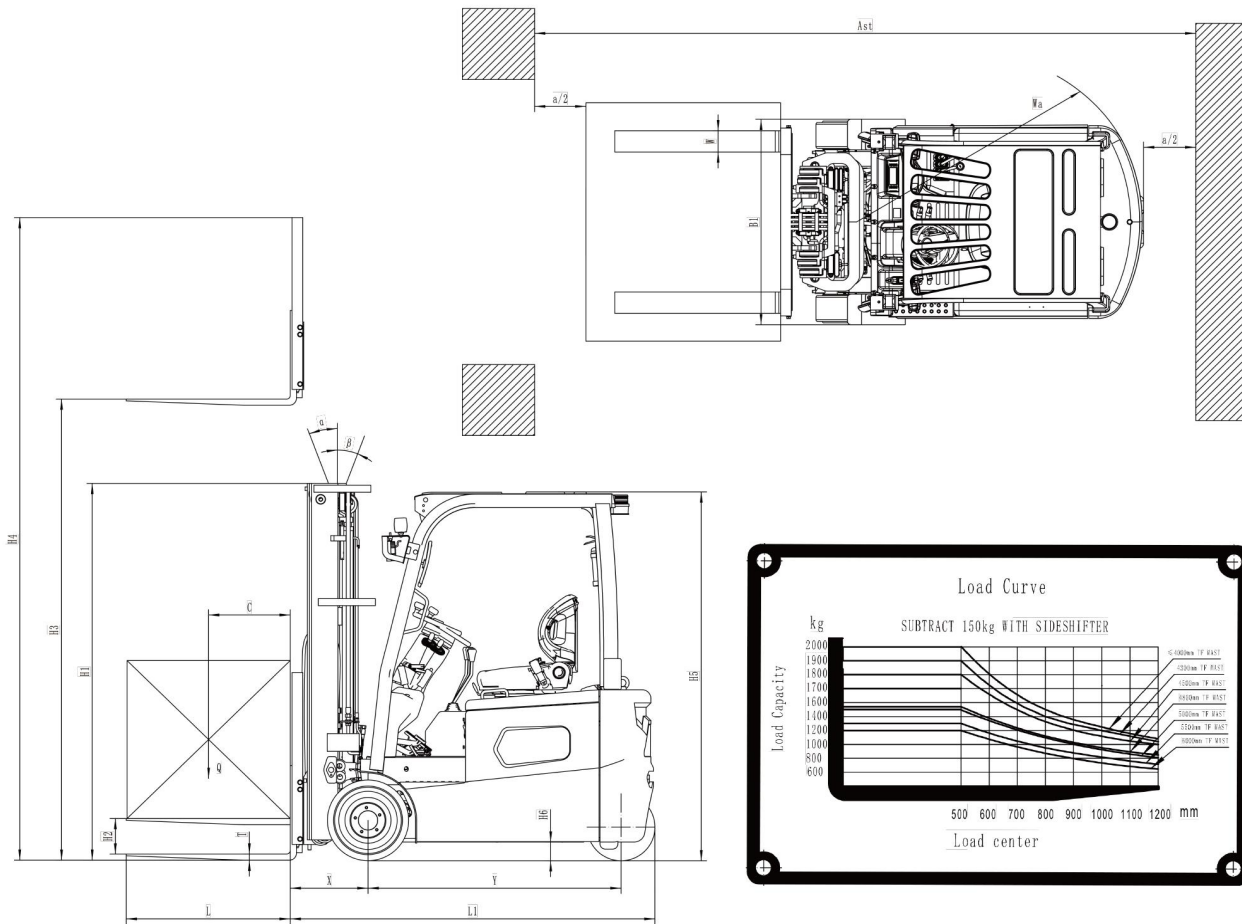


3rd-generation battery, with IP67 waterproof & dustproof.



Outstanding tight-turn performance for effective warehouse operations. Smooth entry and exit for containers or low-height entranceways.

1.6-2.0 TON 3-WHEEL ELECTRIC FORKLIFT MAIN SPECIFICATIONS



MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Mast Name	Max. Fork Height (mm)	Overall Height (mm)			Free Lift (mm)				Tilt Angle	
			FBT16	FBT18	FBT20	Lowered	Extended		Without Backrest		With Bracket
							Without Backrest	With Backrest			
			1.6t/1.8t/2.0t	1.6t/1.8t/2.0t	1.6t/1.8t/2.0t	1.6t/1.8t/2.0t	1.6t/1.8t/2.0t	1.6t/1.8t/2.0t	1.6t/1.8t/2.0t		
Wide View Mast	SM200	2000	1600	1800	2000	1585	2645	3170	100	100	6-6
	SM250	2500	1600	1800	2000	1835	3045	3570	100	100	6-6
	SM270	2700	1600	1800	2000	1935	3245	3770	100	100	6-6
	SM300	3000	1600	1800	2000	2085	3545	4070	100	100	6-6
	SM330	3300	1600	1800	2000	2235	3845	4370	100	100	6-6
	SM350	3500	1600	1800	2000	2335	4045	4570	100	100	6-6
	SM370	3700	1600	1800	2000	2435	4245	4770	100	100	6-6
	SM400	4000	1600	1800	2000	2635	4545	5070	100	100	3-5
	SM430	4300	1500	1700	1900	2785	4845	5370	100	100	3-5
	SM450	4500	1400	1600	1800	2885	5045	5570	100	100	3-5
	SM470	4700	1250	1500	1700	2985	5245	5770	100	100	3-5
	SM500	5000	1100	1300	1400	3185	5545	6070	100	100	3-5
3 Stage Full Free Wide View Mast	STFM400	4000	1600	1800	2000	1935	4545	5070	1300	875	3-5
	STFM430	4300	1500	1700	1900	2035	4845	5370	1400	975	3-5
	STFM450	4500	1400	1600	1800	2085	5045	5570	1500	1025	3-5
	STFM480	4800	1280	1480	1530	2185	5295	5820	1650	1125	3-5
	STFM500	5000	1250	1450	1500	2235	5545	6070	1700	1175	3-5
	STFM550	5500	1150	1200	1300	2435	6045	6570	1800	1375	3-5
STFM600	6000	1050	1100	1200	2635	6545	7070	2000	1575	3-5	

With side shifter, load capacity subtract 150Kg.

MAIN SPECIFICATIONS

		UN	UN	UN
Specification	1	Manufacturer		UN
	2	Model		FBT16-VZNQZA FBT18-VZNQZA FBT20-VZNQZA
	3	Rated Load Capacity	Q(kg)	1600 1800 2000
	4	Load Centre	C(mm)	500 500 500
	5	Lift Height	H3(mm)	3000 3000 3000
	6	Free Lift	H2(mm)	118 118 118
	7	Fork Size(L/W/T)	(mm)	920x100x35 920x100x35 1070x100x40
	8	F/B(a°/B°)	Deg	6°/6° 6°/6° 6°/6°
Dimensions	9	Length(To Fork Face)	L1(mm)	2036 (不含叉) 2036 (不含叉) 2136 (不含叉)
	10	Width	B1(mm)	1045 1045 1160
	11	Mast Lowered Height	H1(mm)	2085 2085 2085
	12	Mast Extended Height(With Backrest)	H4(mm)	4070 4070 4070
	13	Overhead Guard Height	H5(mm)	2085 2085 2085
	14	Turning Radius	Wa(mm)	1615 1615 1702
	15	Fork Overhang(Wheel Center to Fork Face)	X(mm)	408 408 415
	16	Front Tread	B2(mm)	977 977 960
	17	Rear Tread	B3(mm)	180 180 180
	18	Ground Clearance	H6(mm)	105 105 105
	19	Wheelbase	Y(mm)	1420 1420 1520
	20	Fork Spread(Min/Max)	(mm)	240/1030 240/1030 240/1030
	21	Working Aisle Width With Pallet (1000x1200,1200 Lengthways)	Ast (mm)	3290 3290 3325
	22	Working Aisle Width With Pallet (800x1200,800 Lengthways)	Ast (mm)	3410 3410 3525
Performance	23	Travel Speed (Full Load)	km/h	13 13 13
	24	Travel Speed (No Load)	km/h	14 14 14
	25	Lifting Speed (Full Load)	mm/s	290 290 290
	26	Lifting Speed (No Load)	mm/s	340 340 340
	27	Max. Gradeability (Full Load)	%	15 15 15
	28	Total Weight (Contains the battery)	kg	- - -
	29	Tyre (Frontx2)		18X7-8 18X7-8 200/50-10
Drive	30	Tyre (Rearx2)		15X4.5-8 15X4.5-8 15X4.5-8
	31	Driver Motor	kw	4.8X2 4.8X2 4.8X2
	32	Pump Motor	kw	10 10 10
	33	Battery (Standard)	V/Ah	48/460 48/460 48/540
	34	Controller Type		交流 AC 交流 AC 交流 AC
	35	Controller Manufacturer		ZAPI ZAPI ZAPI
	36	Operating Pressure	Mpa	19.5 19.5 19.5