VMAXUSA is a heavy equipment import company representing the best new technology in emissions free equipment. We are a USA owned and operated company, National Headquarters located in Butte, Montana. VMAXUSA provides customers with new options in heavy electric machinery. forklifts, scissor lifts, track scissor lifts, wheeled front loaders, excavators, mini front loaders, skid steers and more. Check out our new line of 2024 products for your lifting needs.

Renewable Energy Technologies

With the use of the excellent load-sensing steering system and AC controlling renewable energy technologies, the forklift is more energy-saving and the working hour of the battery is extended by 15%.

VMAX USA

5-8t

H SERIES LITHIUM BATTERY POWERED COUNTERBALANCE FORKLIFT

High Quality Lithium Battery

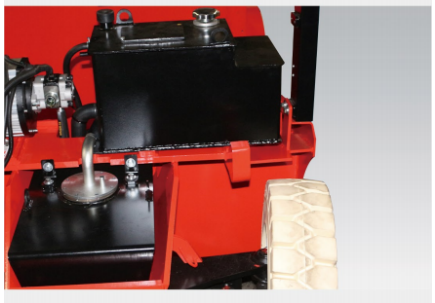
Standard equipped with Heding high quality lithium battery. Long service life, five-year warranty, zero pollution, maintenance free. 1.5-2 hours for full charge, more suitable for multi-shift work.

Reinforced Components

The maintenance-free wet disc brake system provides excellent brake performance. The compact structure, small deflection, and dust-proof and water-proof design of the casting steering axle endow the forklift with long service life and working reliability.

Efficient driving system

Advanced motor drive system with compact structure generates better driving and climbing performance, higher torque and more powerful forces.



Main and Auxiliary hydraulic oil tanks

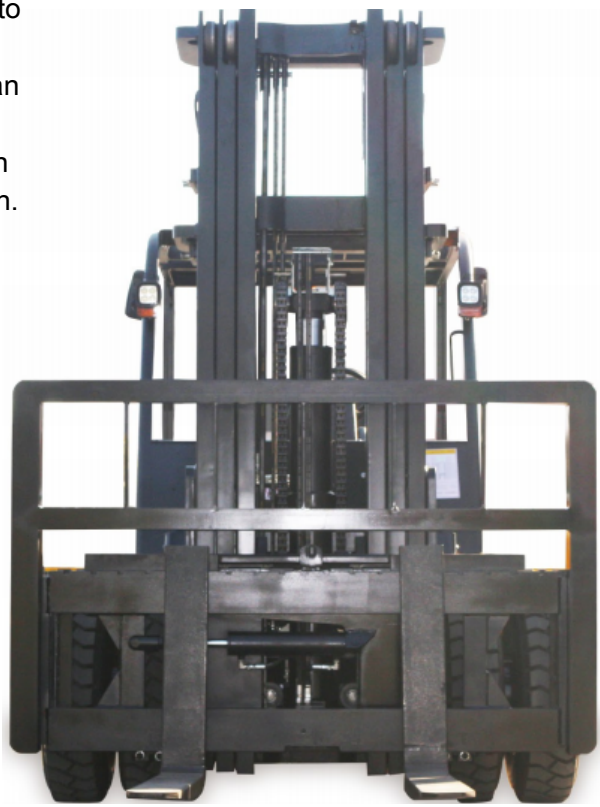
Equipped with main and auxiliary hydraulic oil tanks. The enlarged fluid capacity ensures the steady operation of hydraulic system while the filter unit and extended cooling area make for excellent heat dissipation performance and optimum fluid cleanliness.

Side-placed charging port

The lithium battery can operate at temperatures up to 55 C°. Under extreme cold temperatures, the battery can still maintain excellent discharge performance with optional self-heating function.

Electronic control system

Standard equipped with ZAPI electronic control system. The start, driving and loading are all controlled by computer with a high precision and efficiency. It has regenerative braking, ramp braking and fault self-diagnosis functions.



WIDE VIEW MAST

Mast model	Max. lifting height (mm)	Load capacity (load center 600mm) (kg)				Mast overall height (mm)		Mast tilting angle (front/rear)
		5t	6t	7t	8t	5-6t	7-8t	
M300	3000	5000	6000	7000	8000	2430	2500	6/9
M330	3300	5000	6000	7000	8000	2580	2650	6/9
M350	3500	5000	6000	7000	8000	2680	2750	6/9
M370	3700	5000	6000	7000	8000	2780	2850	6/9
M400	4000	5000	6000	7000	8000	2980	3050	6/9
M450	4500	4800	5800	6800	7700	3230	3300	6/6
M500	5000	4600	5600	6600	7400	3480	3550	6/6
M550	5500	4400	5400	6300	7000	3780	3850	3/6
M600	6000	4200	5200	6000	6700	4030	4100	3/6

Note: (1)Free lifting height: 150 mm

WIDE VIEW FULL FREE 2-STAGE MEST

Mast model	Max. lifting height (mm)	Load capacity(load center 600mm)(kg)				Mast overall height(mm)		Free lifting height(with backrest) mm		Mast tilting angle (front/rear)
		5t	6t	7t	8t	5-6t	7-8t	5-6t	7-8t	
ZM300	3000	5000	6000	7000	8000	2430	2500	1287	1087	6/9
ZM330	3300	5000	6000	7000	7600	2580	2650	1437	1237	6/9
ZM350	3500	5000	6000	7000	7500	2680	2750	1537	1337	6/9
ZM375	3750	5000	6000	7000	7400	2780	2875	1662	1462	6/9
ZM400	4000	5000	6000	7000	7300	2980	3050	1837	1637	6/9
ZM450	4500	4650	5600	6600	7100	3230	3300	2087	1887	6/6
ZM500	5000	4500	5200	6200	6700	3480	3550	2337	2137	6/6
ZM550	5500	4250	5000	6000	6400	3780	3850	2637	2437	3/6
ZM600	6000	4000	4900	5900	5900	4030	4100	2887	2687	3/6

Note: (1)Free lifting height (without backrest): 5-6t: +515mm; 7-8t: +245mm

WIDE VIEW FULL FREE 3-STAGE MAST

Mast model	Max. lifting height (mm)	Load capacity(load center 600mm) (kg)				Mast overall height(mm)		Free lifting height (with backrest) mm		Mast tilting angle (front/rear)
		5t	6t	7t	8t	5-6t	7-8t	5-6t	7-8t	
ZSM360	3600	4800	5800	6800	7800	2115	2375	740	1015	6/6
ZSM400	4000	4700	5700	6700	7500	2250	2510	875	1150	6/6
ZSM435	4350	4600	5600	6600	7200	2365	2625	990	1265	6/6
ZSM450	4500	4400	5400	6400	6900	2415	2675	1040	1315	6/6
ZSM480	4800	4200	5200	6200	6700	2515	2775	1140	1415	6/6
ZSM500	5000	4000	5000	6000	6500	2580	2840	1210	1485	6/6
ZSM550	5500	3700	4700	5800	6200	2750	3010	1375	1650	3/6
ZSM600	6000	3400	4400	5400	5700	2965	3225	1590	1865	3/6

Note: (1)Free lifting height (without backrest): 5-6t: +515mm; 7-8t: +245mm

Note:
The vertical axis stands for the load capacity and the horizontal axis stands for the load center. The load center is calculated from the face of the fork. The base point of the standard load is the center of the cube with a load side length of 1000 mm. When the mast leans forward, or non-standard forks are used, or loads exceeds normal width, the load capacity will be reduced. Through the load chart, the bearing capacity of the standard mast at various load centers can be timely understood.

ManuFacturer's Data and Design Characteristics

	Characteristics						
1.01	Manufacturer						
1.02	Model			CPD50	CPD60	CPD70	CPD80
1.03	Rated Capacity	Q	kg	5000	6000	7000	8000
1.04	Load Center Distance	C	mm	600	600	600	600
1.05	Power Type			Lithium Battery	Lithium Battery	Lithium Battery	Lithium Battery
1.06	Driving Type			Seated	Seated	Seated	Seated
1.07	Wheel Base	L1	mm	2100	2100	2350	2350
	Tyres						
2.01	Tyre Type (front)			Pneumatic Tyre	Pneumatic Tyre	Pneumatic Tyre	Pneumatic Tyre
2.02	Tyre Type (rear)			Soild Tyre	Soild Tyre	Soild Tyre	Soild Tyre
2.03	Wheel Number (front/rear)			2/2	4/2	4/2	4/2
2.04	Front Tread	W3	mm	1280	1470	1470	1470
2.05	Rear Tread	W2	mm	1190	1190	1190	1190
2.06	Tyre (front)			300-15-18PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR
2.07	Tyre (rear)			7.00-12	28*9-15	28*9-15	28*9-15
	Size						
3.01	Front Overhang	L2	mm	567	577	587	592
3.02	Mast Tilting Angle, Front/Rear	α/ß	°	6/9	6/9	6/9	6/9
3.03	Height with Mast Retraction	H1	mm	2430	2430	2500	2500
3.04	Free Lifting Height	H3	mm	150	150	200	200
3.05	Max. Lifting Height	H	mm	3000	3000	3000	3000
3.06	Max. Height After Lifting	H2	mm	4420	4420	4420	4420
3.07	Overall Guard Height	H4	mm	2400	2400	2400	2400
3.08	Fork Size: Length x Width x Thickness	L x W x T	mm	1220X150X50	1220X150X60	1220X150X65	1220X170X70
3.09	Overall Length (Fork Excluded)	L'	mm	3187	3197	2457	3462
3.10	Overall Width	W1	mm	1600	1995	1995	1995
3.11	Turning Radius	r	mm	2930	2930	3180	3180
3.12	Ground Clearance of Mast	H5	mm	160	160	160	160
3.13	Ground Clearance of Wheel Base Center (Loaded)	H6	mm	170	170	170	170
3.14	Lateral Fork Adjustment Max./Min.	W5	mm	1840-300	1840-300	1840-300	1840-300
	Performance						
4.01	Traveling Speed (Loaded/Unloaded)		km/h	14/16	13/15	13/15	13/15
4.02	Lifting Speed (Loaded/Unloaded)		mm/s	300/400	260/320	340/450	320/420
4.03	Lowering Speed		mm/s	<600	<600	<600	<600
4.04	Gradeability (loaded)		%	15	13	17	15
	Weight						
5.01	Total Weight (with/without Battery)		Kg	8300	9400	10100	11200
	Lithium Battery						
6.01	Lithium Battery Voltage / Capacity		V/Ah	80/560	80/608	80/608	80/808
6.02	Lithium Battery Weight (withcounterweight block)		Kg	1565	1865	2090	2150
	Motor and Controller						
7.01	Driving Motor Power (S2-60 minutes)		Kw	18	19	25	25
7.02	Lifting Motor Power (S3 15%)		Kw	26	26	2X26	2X26
7.03	Driving Motor Control Mode			AC	AC	AC	AC
7.04	Lifting Motor Control Mode			AC	AC	AC	AC
7.05	Service Brake/Parking Brake			Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical
7.06	Hydraulic System Working Pressure		Mpa	20	20	20	20

Note: (1) Detailed information about battery, please contact our salesmen