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

2-2.5t

H SERIES BATTERY POWERED COUNTERBALANCE FORKLIFT

Enclosed protection

The control levers are placed on the right side of seat. The lower parts of control board, including multi-way valve and cardan joint, are protected by shielding panel from dust damage.

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.

High quality lead-acid battery

Cost-effective lead-acid battery is adopted, which has the characteristics of high-rate discharge performance, no ignitability, large temperature window, zero pollution, high recycling rate, and long service life.

Electronic control system

Originally imported INMOTION electronic control is optional for installation. Adopting the up-to-date ACS series AC motor driver, it provides stable drive current, and offers ideal solution for forklift traction, lifting, driving and operation control.

Wide view

The compact structure of standard wide view frame and hose pulley block makes the operator a better view.

Low voltage DC charger

Corresponding low voltage DC charger is provided based on the power of lead-acid battery.

WIDE VIEW MAST

Mast model	Max. lifting height (mm)	Load capacity (load center 500mm) (kg)		Mast overall height (mm)	Mast tilting angle (front/rear)
		2t	2.5t	2-2.5t	
M200	2000	2000	2500	1495	6/12
M250	2500	2000	2500	1745	6/12
M270	2700	2000	2500	1845	6/12
M300	3000	2000	2500	1995	6/12
M330	3300	2000	2500	2145	6/12
M350	3500	2000	2500	2245	6/12
M370	3700	2000	2500	2345	6/6 *6/12
M400	4000	2000	2500	2545	6/6 *6/12
M425	4250	1800 *2000	2200 *2500	2670	6/6 *6/12
M450	4500	1600 *1900	2100 *2400	2795	6/6 *6/12
M500	5000	1200 *1700	1600 *1900	3045	6/6 *6/6
M550	5500	950 *1500	1200 *1700	3345	*3/6
M600	6000	800 *1200	900 *1400	3595	*3/6

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110 kg
(3)Max. lifting height (backrest): +580mm

WIDE VIEW FULL FREE 2-STAGE MEST

Mast model	Max. lifting height (mm)	Load capacity(load center 500mm)(kg)		Mast overall height(mm)	Free lifting height(with backrest) mm	Mast tilting angle (front/rear)
		2t	2.5t	2-2.5t	2-2.5t	
ZM200	2000	2000	2500	1495	495	6/12
ZM250	2500	2000	2500	1745	745	6/12
ZM300	3000	2000	2500	1995	995	6/12
ZM330	3300	2000	2500	2145	1145	6/12
ZM350	3500	2000	2500	2245	1245	6/6 *6/12
ZM370	3700	2000	2500	2345	1370	6/6 *6/12
ZM400	4000	2000	2500	2545	1545	6/6 *6/12
ZM425	4250	1900 *2000	2250 *2500	2670	1670	6/6 *6/12
ZM450	4500	1800 *1900	2150 *2400	2795	1795	6/6 *6/6
ZM500	5000	1600 *1700	1650 *2200	3045	2045	*3/6
ZM550	5500	*1600	*1950	3345	2345	*3/6
ZM600	6000	*1500	*1800	3595	2595	*3/6

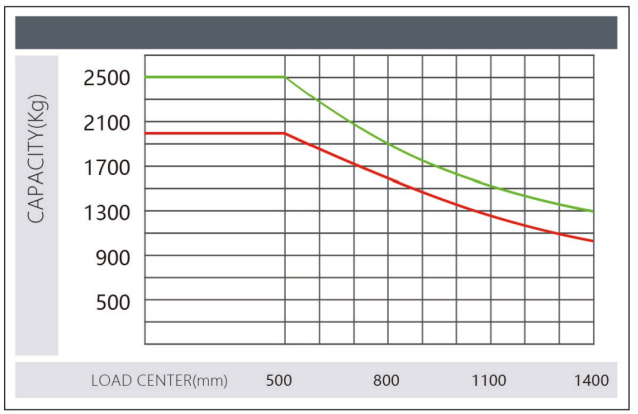
Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest): +435mm

WIDE VIEW FULL FREE 3-STAGE MAST

Mast model	Max. lifting height (mm)	Load capacity(load center 500mm) (kg)		Mast overall height(mm)	Free lifting height (with backrest) mm	Mast tilting angle (front/rear)
		2t	2.5t	2-2.5t	2-2.5t	
ZSM360	3600	2000	2500	1695	655	6/6 *6/6
ZSM400	4000	2000	2500	1860	788	6/6 *6/6
ZSM435	4350	1750 *1900	1950 *2300	1945	905	6/6 *6/6
ZSM450	4500	1600 *1800	1700 *2200	1995	995	6/6 *6/6
ZSM480	4800	1250 *1700	1500 *2000	2095	1055	6/6 *6/6
ZSM500	5000	1100 *1600	1300 *1800	2165	1121	6/6 *6/6
ZSM550	5500	850 *1300	1100 *1600	2330	1288	3/6 *3/6
ZSM600	6000	700 *1100	800 *1300	2550	1505	3/6 *3/6

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest) : +435mm

CPD20 CPD25



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			CPD20	CPD25
1.03	Rated Capacity	Q	kg	2000	2500
1.04	Load Center Distance	C	mm	500	500
1.05	Power Type			Battery	Battery
1.06	Driving Type			Seated	Seated
1.07	Wheel Base	L1	mm	1500	1500
	Tyres				
2.01	Tyre Type			Pneumatic	Pneumatic
2.02	Wheel Number (front/rear)			2x/2	2x/2
2.03	Front Tread	W3	mm	970	970
2.04	Rear Tread	W2	mm	950	950
2.05	Tyre (front)			7.00-12-12PR	7.00-12-12PR
2.06	Tyre (rear)			18X7-8PR	18X7-8PR
	Size				
3.01	Front Overhang	L2	mm	468	468
3.02	Mast Tilting Angle, Front/Rear	α/ß	°	6/12	6/12
3.03	Height with Mast Retraction	H1	mm	1995	1995
3.04	Free Lifting Height	H3	mm	150	150
3.05	Max. Lifting Height	H	mm	3000	3000
3.06	Max. Height After Lifting	H2	mm	4045	4045
3.07	Overall Guard Height	H4	mm	2098	2098
3.08	Fork Size: Length x Width x Thickness	L x W x T	mm	1070 x 100 x 40	1070 x 120 x 40
3.09	Overall Length (Fork Excluded)	L'	mm	2353	2353
3.10	Overall Width	W1	mm	1170	1170
3.11	Turning Radius	r	mm	2172	2172
3.12	Ground Clearance of Mast	H5	mm	110	110
3.13	Ground clearance of wheel base center (loaded)	H6	mm	105	105
3.14	Right Angle Stacking Aisle Width (Pallet 1000 x 1000mm, Clearance 200mm)	Ast	mm	4040	4040
3.15	Right Angle Stacking Aisle Width (Pallet 1200 x 1200mm, Clearance 200mm)	Ast	mm	4240	4240
3.16	Lateral Fork Adjustment Max./Min.	W5	mm	1038/200	1038/240
	Performance				
4.01	Traveling Speed (Loaded/Unloaded)		km/h	12/14	12/14
4.02	Lifting Speed (Loaded/Unloaded)		mm/s	320/450	320/450
4.03	Lowering Speed		mm/s	<600	<600
4.04	Gradeability (loaded)		%	12	12
	Weight				
5.01	Total Weight		Kg	4214	4270
	Battery				
6.01	Battery Voltage / capacity K5		V/Ah	84/420	48/490
6.02	Battery weight		Kg	715	750
	Motor and controller				
7.01	Driving motor power-60 minutes		Kw	8	
7.02	Lifting motor power (S3 15%)		Kw	12	
7.03	Driving motor control mode			AC	
7.04	Lifting motor control mode			AC	
7.05	Service brake / parking brake			Hydraulic / Mechanical	
7.06	Hydraulic system working pressure		Mpa	17.5