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 2026 products for your lifting needs.

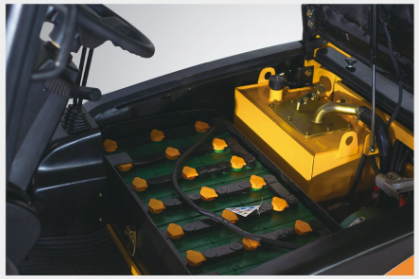
Renewable Energy Technologies

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

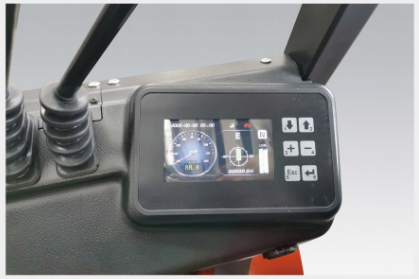
1-1.8t

H SERIES ELECTRIC COUNTERBALANCE FORKLIFT



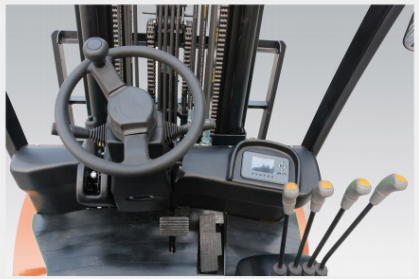
High quality lead-acid battery

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.



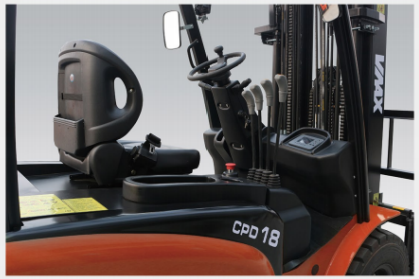
Large LCD screen

The large LCD screen can directly display the operating state of the vehicle. It also has the function of fault display and maloperation alarm.



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.



Ergonomic design

The lifting system is standard configured with buffering function, which ensures soothing landing of a load and better operation safety. And the enlarged cross section of the wide view mast makes the entire structure more stable.

Arc-shaped overall guard

The integrated arc-shaped overall guard with optimized force distribution and better damping effect, enlarges the operation space and operator's view to a great extent.

Improved safety performance

High-mounted rear axle construction improves the machine's lateral stability. Optional steering speed control makes the operation more safety.

WIDE VIEW MAST

Mast model	Max. lifting height (mm)	Load capacity (load center 500mm) (kg)			Mast overall height (mm)	Mast tilting angle (front/rear)
		1t	1.5t	1.8t	1-1.8t	
M200	2000	1000	1500	1800	1490	6/12
M250	2500	1000	1500	1800	1740	6/12
M270	2700	1000	1500	1800	1840	6/12
M300	3000	1000	1500	1800	1990	6/12
M330	3300	1000	1500	1700	2140	6/12
M350	3500	1000	1500	1600	2240	6/12
M370	3700	1000	1500	1600	2340	6/6 *6/12
M400	4000	1000	1500	1600	2540	6/6 *6/12
M425	4250	900 *1000	1300 *1500	1400 *1600	2665	6/6 *6/12
M450	4500	*900	*1300	*1400	2790	6/6 *6/12
M500	5000	*800	*1200	*1300	3040	6/6 *6/6
M550	5500	*600	*1100	*1200	3340	*3/6
M600	6000	*450	*650	*800	3590	*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

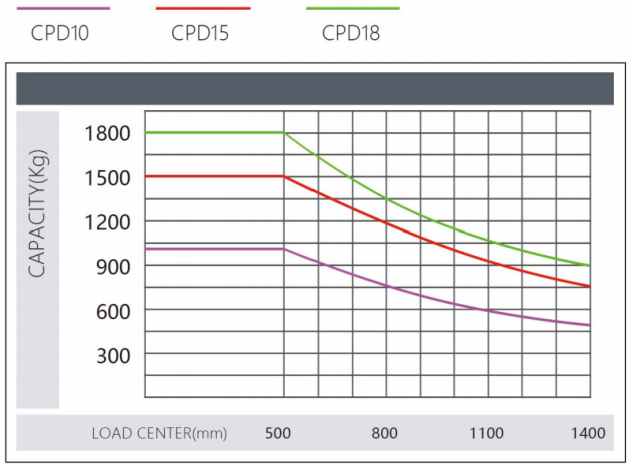
Mast model	Max. lifting height (mm)	Load capacity(load center 500mm)(kg)			Mast overall height(mm)	Free lifting height(with backrest) mm	Mast tilting angle (front/rear)
		1t	1.5t	1.8t	1-1.8t	1-1.8t	
ZM200	2000	1000	1500	1800	1490	475	6/12
ZM250	2500	1000	1500	1800	1740	725	6/12
ZM300	3000	1000	1500	1800	1990	975	6/12
ZM330	3300	1000	1500	1700	2140	1125	6/12
ZM350	3500	1000	1500	1600	2240	1225	6/6 *6/12
ZM370	3700	1000	1500	1600	2340	1250	6/6 *6/12
ZM400	4000	1000	1500	1600	2540	1525	6/6 *6/12
ZM425	4250	900 *1000	1300 *1500	1400 *1600	2665	1650	6/6 *6/12
ZM450	4500	*900	1100 *1300	1200 *1400	2790	1775	6/6 *6/6
ZM500	5000	*800	950 *1150	1050 *1250	3040	2025	*3/6
ZM550	5500	*600	*1000	*1100	3340	2325	*3/6
ZM600	6000	*450	*650	*750	3590	2575	*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): +514mm

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)
		1t	1.5t	1.8t	1-1.8t	1-1.8t	
ZSM360	3600	1000	1500	1700	1690	676	6/6 *6/6
ZSM400	4000	800	1300	1600	1825	810	6/6 *6/6
ZSM435	4350	700	1200	1500	1940	926	6/6 *6/6
ZSM450	4500	650	1150	1400	1990	976	6/6 *6/6
ZSM480	4800	600	1100	1300	2090	1076	6/6 *6/6
ZSM500	5000	500	1000	1200	2155	1145	6/6 *6/6
ZSM550	5500	400 *500	900 *1000	950 *1100	2380	1360	3/6 *3/6
ZSM600	6000	200 *450	600 *800	650 *900	2550	1526	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): +514mm



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			CPD10	CPD15	CPD18
1.03	Rated Capacity	Q	kg	1000	1500	1800
1.04	Load Center Distance	C	mm	500	500	500
1.05	Power Type			Battery	Battery	Battery
1.06	Driving Type			Seated	Seated	Seated
1.07	Wheel Base	L1	mm	1360	1360	1360
	Tyres					
2.01	Tyre Type			Pneumatic	Pneumatic	Pneumatic
2.02	Wheel Number (front/rear)			2x/2	2x/2	2x/2
2.03	Front Tread	W3	mm	912	912	912
2.04	Rear Tread	W2	mm	920	920	920
2.05	Tyre (front)			6.50-10-12PR	6.50-10-12PR	6.50-10-12PR
2.06	Tyre (rear)			5.00-8-8PR	5.00-8-8PR	5.00-8-8PR
	Size					
3.01	Front Overhang	L2	mm	400	400	400
3.02	Mast Tilting Angle, Front/Rear	α/ß	°	6/12	6/12	6/12
3.03	Height with Mast Retraction	H1	mm	1995	1995	1995
3.04	Free Lifting Height	H3	mm	140	140	140
3.05	Max. Lifting Height	H	mm	3000	3000	3000
3.06	Max. Height After Lifting	H2	mm	4025	4025	4025
3.07	Overall Guard Height	H4	mm	2100	2100	2100
3.08	Fork Size: Length x Width x Thickness	L x W x T	mm	1070 x 100 x 32	1070 x 100 x 35	1070 x 100 x 35
3.09	Overall Length (Fork Excluded)	L'	mm	2035	2035	2035
3.10	Overall Width	W1	mm	1090	1090	1090
3.11	Turning Radius	r	mm	1997	1997	1997
3.12	Ground Clearance of Mast	H5	mm	105	105	105
3.13	Ground clearance of wheel base center (loaded)	H6	mm	115	115	115
3.14	Right Angle Stacking Aisle Width (Pallet 1000 x 1000mm, Clearance 200mm)	Ast	mm	3797	3797	3797
3.15	Right Angle Stacking Aisle Width (Pallet 1200 x 1200mm, Clearance 200mm)	Ast	mm	3997	3997	3997
3.16	Lateral Fork Adjustment Max./Min.	W5	mm	970/200	970/200	970/200
	Performance					
4.01	Traveling Speed (Loaded/Unloaded)		km/h	13/15	13/15	13/15
4.02	Lifting Speed (Loaded/Unloaded)		mm/s	240/450	240/450	240/450
4.03	Lowering Speed		mm/s	<600	<600	<600
4.04	Gradeability (loaded)		%	12	12	12
	Weight					
5.01	Total Weight		Kg	2960	3120	3200
	Battery					
6.01	Battery voltage / capacity		V/Ah	48/350	48/350	48/400
6.02	Battery weight		Kg	580	580	640
	Motor and controller					
7.01	Driving motor power-60 minutes		Kw		8	
7.02	Lifting motor power (S3 15%)		Kw		7.5	
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