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**1. Power system**

Equipped with original imported American Curtis electric control system; High voltage and large capacity battery can supply the forklift with strong power; DC or AC motors are optional according to customers' requirements.

**2. Security system**

Equipped with OPS or ORS seat and brake switch to prevent incorrect operation and secure the driver and the forklift from all sides.

**3. Lighting system**

Equipped with full set of LED lamps, which are brighter and energy saving.

**1. 0-3. 5TON**

ELECTRIC FORKLIFT

**VMAX**  
STOCK CODE: 871332

PERFECT LIFTING FROM VMAX

**1. 0-3. 5TON**

ELECTRIC FORKLIFT



**VMAX** 安徽维麦重工股份有限公司  
ANHUI VMAX HEAVY INDUSTRY CO.,LTD

Add: No.18 South Shengli Road, Jin'an Development Area, Lu'an, Anhui Province, China  
Tel: +86-564-3835570 400-0564-222 Fax: +86-564-3835570  
Email: info@vmaxchina.com Web: www.vmaxchina.net



wechat



website

安徽维麦重工股份有限公司  
ANHUI VMAX HEAVY INDUSTRY CO.,LTD

1.0-3.5TON ELECTRIC FORKLIFT

MAIN INFORMATION

1.1	Brand	VMAX	VMAX	VMAX	VMAX	VMAX	VMAX	VMAX	
1.2	Model	CPD10	CPD15	CPD18	CPD20	CPD25	CPD30	CPD35	
1.4	Operation type	Drive in seat							
1.5	Load capacity	kg	1000	1500	1800	2000	2500	3000	3500
1.6	Load center	mm	500	500	500	500	500	500	500
2.1	Power type	Electric							

TIRE / CHASSIS

3.1	Tire type,driving wheel/load wheel	Pneumatic tyre						
3.1	Number of wheels X=driving wheel (front/behind)	2X/2						
3.1	Tire size (front/behind)	6.50-10-12PR/5.00-8-8PR	7.00-12-12PR/18X7-8PR			28X9-12PR/18X7-8-14		
3.1	Service brake	Hydraumatic pedal						
3.1	Parking brake	Mechanical manual						

SIZE

4.1	Mast tilt,forward/backward	/ (°)	6/12	6/12	6/12	6/12	6/12	6/12	6/12
4.2	Mast height after mast fall	mm	1995	1995	1995	1995	1995	2025	2025
4.3	Fork lift maximum height	mm	4025	4025	4025	4045	4045	4160	4160
4.4	Free lift height	mm	140	140	140	150	150	150	150
4.7	Standard mast height	mm	3000	3000	3000	3000	3000	3000	3000
4.8	Overhead guard height	mm	2100	2100	2100	2098	2098	2092	2092
4.9	Overall length	mm	2035	2035	2035	2353	2353	2507	2507
4.10	Fork overhang	mm	400	400	400	468.5	468.5	475	475
4.11	From the rear	mm	335	335	335	384	384	432	472
4.12	Wheelbase	mm	1360	1360	1360	1500	1500	1600	1600
4.13	Minimum distance between the ground	mm	110	110	110	110	110	110	110
4.14	Tread (front/behind)	mm	912/920	912/920	912/920	970/950	970/950	1000/970	1000/970
4.15	Vehicle width	mm	1090	1090	1090	1170	1170	1220	1220
4.16	Fork size	mm	1070X122X45	1070X122X45	1070X122X45	1070X125X45	1070X125X45	1070X125X45	1070X125X45
4.17	Channel width	mm	3797	3797	3739	4040	4040	4105	4105
4.18	Turning radius	mm	1997	1997	1997	2172	2172	2360	2360

PERFORMANCE

5.1	Walking speed, loaded/withoutload	km/h	13/15	13/15	13/15	12/14	12/14	14/15	14/15
5.2	lifting speed,loaded/load	m/s	240/450	240/450	240/450	320/450	320/450	300/400	300/400
5.3	Dropping speed, loaded/without load	m/s	480/420	450/420	480/420	476/426	476/426	260/390	260/390
5.6	Maximum traction,loaded	N	15000	15000	15000	18000	18000	20000	21000
5.8	Max grade ability, loaded/without load	%	12/15	12/15	12/15	13/15	13/15	14/15	14/15

DRIVE

6.1	Drive motor power	kw	8	8	8	11	11	16.6	16.6
6.2	Lifting motor power	kw	7.5	7.5	7.5	12	12	13.5	13.5
6.4	Level voltage/capacitance	v/ah	48/450	48/450	48/450	48/630	48/630	80/500	80/500

OTHERS

7.1	Drive system	DC/AC							
7.2	Electric control system	Curtis/Inmotion							
7.3	Total weight	kg	2960	3120	3200	4214	4270	4950	5010

1.0-3.5TON WIDE VIEW MAST

Mast type	Max.lift height (mm)	Rated capacity(load center:500mm)(kg)						Mast height ( mm)				Mast tilt angle (front/rear)
		1Ton	1.5Ton	2.0 Ton	2.5Ton	3.0 Ton	3.5 Ton	1-1.5 Ton	2.0-2.5Ton	3.0 Ton	3.5 Ton	
KKM200	2000	1000	1500	2000	2500	3000	3500	1490	1495	1565	1565	6/12
KM250	2500	1000	1500	2000	2500	3000	3500	1740	1745	1815	1815	6/12
KM270	2700	1000	1500	2000	2500	3000	3500	1840	1845	1915	1915	6/12
KM300	3000	1000	1500	2000	2500	3000	3500	1990	1995	2065	2065	6/12
KM330	3300	1000	1500	2000	2500	3000	3500	2140	2145	2215	2215	6/12
KM350	3500	1000	1500	2000	2500	3000	3500	2240	2245	2315	2315	6/12
KM370	3700	1000	1500	2000	2500	3000	3500	2340	2345	2415	2415	6/6 *6/12
KM400	4000	1000	1500	2000	2500	3000	3300 *3500	2540	2545	2615	2615	6/6 *6/12
KM425	4250	1000	1300 *1500	1800 *2000	2200 *2400	2850 *3000	3200 *3500	2665	2670	2740	2740	6/6 *6/12
KM450	4500	900	*1300	1600 *1900	2100 *2400	2600 *3000	2900 *3100	2790	2795	2865	2865	6/6 *6/12
KM500	5000	800 *900	900 *1150	1200 *1700	1600 *1900	2100 *2850	2400 *2750	3040	3045	3115	3115	6/6 *6/6
KM550	5500	*600	*1100	950 *1500	1200 *1700	*2400	1800 *2400	3340	3345	3415	3415	*3/6
KM600	6000	*450	*650	800 *1200	900 *1400	*2200	1400 *2200	3590	3595	3665	3665	*3/6

Remarks: (1) \* represents the load capacity when with double front tyres

1.0-3.5TON WIDE VIEW FULL FREE 2-STAGE MAST

Model of mast	Max.lift height (mm)	Rated capacity(load center:500mm)(kg)						Mast height ( mm)				Free lifting ( with backrest)				Mast tilt angle (front/rear)
		1.0Ton	1.5 Ton	2.0 Ton	2.5 Ton	3.0 Ton	3.5 Ton	1-1.5 Ton	2.0-2.5Ton	3.0 Ton	3.5 Ton	1-1.5 Ton	2.0-2.5Ton	3.0 Ton	3.5 Ton	
ZM200	2000	1000	1500	2000	2500	3000	3500	1490	1495	1565	1565	475	495	325	325	6/12
ZM250	2500	1000	1500	2000	2500	3000	3500	1740	1745	1815	1815	725	745	575	575	6/12
ZM300	3000	1000	1500	2000	2500	3000	3500	1990	1995	2065	2065	975	995	825	825	6/12
ZM330	3300	1000	1500	2000	2500	3000	3500	2140	2145	2215	2215	1125	1145	975	975	6/12
ZM350	3500	1000	1500	2000	2500	3000	3500	2240	2245	2315	2315	1225	1245	1075	1075	6/6 *6/12
ZM370	3700	1000	1500	2000	2500	2850 *3000	3500	2340	2345	2415	2415	1250	1370	1175	1175	6/6 *6/12
ZM400	4000	1000	1500	2000	2500	2700 *3000	3300 *3500	2540	2545	2615	2615	1525	1545	1375	1375	6/6 *6/12
ZM425	4250	900 *1000	1300 *1500	1900 *2000	2250 *2500	2550 *2850	3200 *3500	2665	2670	2740	2740	1650	1670	1500	1500	6/6 *6/12
ZM450	4500	*900	1300 *1300	1800 *1900	2150 *2400	2400 *2700	2900 *3100	2790	2795	2865	2865	1775	1795	1625	1625	6/6 *6/6
ZM500	5000	800 *900	950 *1150	1600 *1700	1650 *2200	2000 *2400	2400 *2750	3040	3045	3115	3115	2025	2045	1875	1875	*3/6
ZM550	5500	*600	*1000	*1600	*1950	1600 *2200	1800 *2400	3340	3345	3415	3415	2325	2345	2175	2175	*3/6
ZM600	6000	*450	*650	*1500	*1800	1200 *1900	1400 *2200	3590	3595	3665	3665	2575	2595	2475	2475	*3/6

Remarks: (1)The free lifting height (without backrest): 1-1.5Ton: +514mm; 2-2.5Ton: +435mm; 3-3.5Ton: +580mm  
(2)\* represents the load capacity when with double front tyres

1.0-3.5TON WIDE VIEW FULL FREE 3-STAGE MAST

Model of mast	Max.lift height (mm)	Rated capacity(load center:500mm)(kg)						Mast height ( mm)				Free lifting ( with backrest)				Mast tilt angle (front/rear)
		1.0 Ton	1.5 Ton	2.0 Ton	2.5 Ton	3.0 Ton	3.5 Ton	1.5 Ton	2.0-2.5Ton	3.0 Ton	3.5 Ton	1.5 Ton	2.0-2.5Ton	3.0 Ton	3.5 Ton	
SM360	3600	1000	1500	2000	2500	3000	3500	1690	1695	1765	1765	676	655	528	528	6/6 *6/6
SM400	4000	800	1300	2000	2500	3000	3500	1825	1860	1898	1898	810	778	661	661	6/6 *6/6
SM435	4350	700	1200	1750 *1900	1950 *2300	2800 *2850	3100 *3200	1940	1945	2015	2015	926	905	778	778	6/6 *6/6
SM450	4500	650	1150	1600 *1800	1700 *2200	2500 *2700	2800 *3000	1990	1995	2065	2065	976	995	828	828	6/6 *6/6
SM480	4800	600	1100	1250 *1700	1500 *2000	2250 *2450	2500 *2750	2090	2095	2165	2165	1076	1055	928	928	6/6 *6/6
SM500	5000	500	1000	1100 *1600	1300 *1800	2100 *2300	2300 *2600	2155	2165	2232	2232	1145	1121	995	995	6/6 *6/6
SM550	5500	400 *500	900 *1000	850 *1300	1100 *1600	1600 *2100	1700 *2300	2380	2330	2398	2398	1360	1288	1161	1161	3/6 *3/6
SM600	6000	200 *450	600 *800	700 *1100	800 *1300	1200 *1900	1300 *2100	2550	2550	2615	2615	1526	1505	1378	1378	3/6 *3/6

Remarks: (1)The free lifting height (without backrest): 1-1.5Ton: +514mm; 2-2.5Ton: +435mm; 3-3.5Ton: +580mm  
(2)\* represents the load capacity when with double front tyres