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2	3

1. Power system

Equipped with Chinese powerful and reliable engines with excellent environmental performance; Original imported Nissan and GM engines are optional. Using American IMPCO gas system which is more reliable.

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.

1.5-4.0TON

LPG / GASOLINE FORKLIFT



STOCK CODE:871332

PERFECT LIFTING FROM VMAX

1.5-4.0TON

LPG / GASOLINE 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

1.5-4.0TON LPG / GASOLINE FORKLIFT

MAIN INFORMATION

1	Manufacturer	VMAX											
2	Model	Unit	CPQD15	CPQYD15	CPQD20	CPQYD20	CPQD25	CPQYD25	CPQD30	CPQYD30	CPQYD35	CPQYD40	
3	Power type	LPG/CNG											
4	Rated capacity	kg	1500	2000	2500	3000	3500	4000					
5	Load center	mm	500										
6	Operator type	Drive in seat											

SIZE

7	Max. lift height of mast with load-backrest	mm	4030	4030	4030	4262	4262	4275					
8	Max. lift height of fork(standard)	mm	3000	3000	3000	3000	3000	3000					
9	Height of mast (standard)	mm	1985	2000	2000	2065	2180	2150					
10	Free lift height(standard)	mm	125	170	170	160	170	150					
11	Height of load-backrest	mm	1010	1010	1010	1240	1235	1235					
12	Distance from seat to overhead guard	mm	1015	1000									
13	Front wheel overhead	mm	2070	2070	2070	2090	2090	2105					
14	Length without fork	mm	2230	2502	2576	2682	2693	2895					
15	Front overhang	mm	420	477	477	479	498	500					
16	Rear overhang	mm	424	420	494	495	495	495					
17	Wheel base	mm	1400	1600	1600	1700	1700	1900					
18	The height of traction pin	mm	230	290	290	310	310	330					
19	Min. ground clearance	mm	100	110	110	135	135	130					
20	Overall width	mm	1070	1170	1170	1225	1225	1410					
21	The distance between forks	mm	910/125	1024/200	1024/200	1060/250	1060/250	1290/260					
22	Tread(front /rear)	mm	890/920	970/970	970/970	1000/970	1000/970	1160/1065					
23	Min. turning radius(outside)	mm	2060	2170	2240	2400	2420	2700					
24	Min. turning radius(inside)	mm	130	160	160	200	200	230					
25	Min. intersecting aisle	mm	1865	2200	2280	2380	2400	2685					
26	Mast tilt angle	deg	6° / 12°										
27	Fork size	mm	920X100X35	1070X100X40	1070X100X40	1070X125X45	1070X125X50	1070X130X50					

PERFORMANCE

28	Speeds	Max. drive speeds(with/without load)	km/h	13.5/14.5	17/19	17/19	18/19	19/19	18/19						
29		Lifting speeds (with /without full load)	mm/s	460/500	530/550	530/550	440/480	330/370	350/380						
30		Lowering speeds(with /without full load)	mm/s	450/550	450/550	450/550	450/550	350/400	350/400						
31	Max. tractive force	KN	20/15.2	21/15.2	20/15	21/15	20/15.2	21/15.2	20/16	20/16	20/16.3	20/18			
32	Max. grade ability (with/without full load)	%	18/20	23/20	21/20	27/20	18/20	23/20	20/20	20/20	16.5/20	15/18			

WEIGHT

33	Total weight	kg	2680	3320	3680	4270	4700	5310					
34	Weight distribution full load (front/ rear)	kg	3640/520	4788/532	5562/618	6543/727	7380/820	8380/930					
35	Weight distribution zero load(front / rear)	kg	1170/1490	1328/1992	1420/2208	1708/2562	1880/2820	2120/3190					

WHEELS AND TYRES

36	Quantity of wheels	2X / 2											
37	Type of tyres	Penumatic tires											
38	Tires	Front	6.50-10-10PR	7.00-12-12PR	7.00-12-12PR	28X9-15-12PR	28X9-15-12PR	250-15-16PR					
39		Rear	5.00-8-10PR	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR					
40	Driving brake	hydraumatic pedal											
41	Parking brake	Mechanical manual											

CONTROL DEVICE FOR DRIVING AND TRANSMITTING

42	Battery	v/ah	12/80											
43	Engine (standard)	Model	GQ-4Y											
44		Rated output	kw/rpm	37/2800										
45		Rated torque	n.m/rpm	154/1800										
46		No. of cylinder	4-91X86											
47		Displacement	L	2.237										
48	Fuel tank capacity	L	60											
49	Transmission	Power pallet transmission / Manual pallet transmission												

1.5-4TON WIDE VIEW MAST

Model of mast	Max. lift height (mm)	Rated capacity(load center:500mm)(kg)						Mast height(mm)					Mast tilt angle (front/rear)
		1.5 Ton	2.0 Ton	2.5 Ton	3.0 Ton	3.5 Ton	4.0 Ton	1.5 Ton	2.0-2.5 Ton	3.0 Ton	3.5 Ton	4.0 Ton	
KM200	2000	1500	2000	2500	3000	3500	4000	1490	1495	1565	1620	1650	6/12
KM250	2500	1500	2000	2500	3000	3500	4000	1740	1745	1815	1870	1900	6/12
KM270	2700	1500	2000	2500	3000	3500	4000	1840	1845	1915	1970	2000	6/12
KM300	3000	1500	2000	2500	3000	3500	4000	1990	1995	2065	2120	2150	6/12
KM330	3000	1500	2000	2500	3000	3500	4000	2140	2145	2215	2270	2300	6/12
KM350	3300	1500	2000	2500	3000	3500	4000	2240	2245	2315	2370	2400	6/12
KM370	3700	1500	2000	2500	3000	3500	4000	2340	2345	2415	2470	2500	6/6 *6/12
KM400	4000	1500	2000	2500	3000	3300 *3500	3700 *4000	2540	2545	2615	2670	2700	6/6 *6/12
KM425	4250	1300 *1500	1800 *2000	2200 *2500	2850 *3000	3200 *3500	3400 *3800	2665	2670	2740	2795	2825	6/6 *6/12
KM450	4500	1300	1600 *1900	2100 *2400	2600 *3000	2900 *3100	3100 *3500	2790	2795	2865	2920	2950	6/6 *6/12
KM500	5000	900 *1150	1200 *1700	1600 *1900	2100 *2850	2400 *2750	2600 *3200	3040	3045	3115	3170	3200	6/6 *6/6
KM550	5500	*1100	950 *1500	1200 *1700	*2400	1800 *2400	2100 *2600	3340	3345	3415	3470	3500	*3/6
KM600	6000	*650	800 *1200	900 *1400	*2200	1400 *2200	1600 *2400	3590	3595	3665	3720	3750	*3/6

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

1.5-4TON WIDE VIEW FULL FREE 2-STAGE MAST

Model of mast	Max. lifting height (mm)	Rated capacity(load center:500mm)(kg)						Mast height(mm)				Free lifting(with backrest)				Mast tilt angle (front/rear)		
		1.5 Ton	2.0 Ton	2.5 Ton	3.0 Ton	3.5 Ton	4.0 Ton	1.5Ton	2.0-2.5Ton	3Ton	3.5Ton	4Ton	1.5-1.8Ton	2.0-2.5Ton	3Ton		3.5Ton	4Ton
ZM200	2000	1500	2000	2500	3000	3500	4000	1490	1495	1565	1645	1650	475	495	325	370	413	6/12
ZM250	2500	1500	2000	2500	3000	3500	4000	1740	1745	1815	1895	1900	725	745	575	620	663	6/12
ZM300	3000	1500	2000	2500	3000	3500	4000	1990	1995	2065	2145	2150	975	995	825	870	913	6/12
ZM330	3300	1500	2000	2500	3000	3500	4000	2140	2145	2215	2295	2300	1125	1145	975	1020	1063	6/12
ZM350	3500	1500	2000	2500	3000	3500	4000	2240	2245	2315	2345	2400	1225	1245	1075	1120	1163	6/6 *6/12
ZM370	3700	1500	2000	2500	2850 *3000	3500	4000	2340	2345	2415	2445	2500	1250	1370	1175	1220	1263	6/6 *6/12
ZM400	4000	1500	2000	2500	2700 *3000	3300 *3500	3700 *4000	2540	2545	2615	2645	2700	1525	1545	1375	1420	1413	6/6 *6/12
ZM425	4250	1300 *1500	1900 *2000	2250 *2500	2550 *2850	3200 *3500	3400 *3800	2665	2670	2740	2770	2825	1650	1670	1500	1545	1538	6/6 *6/12
ZM450	4500	1300 *1300	1800 *1900	2150 *2400	2400 *2700	2900 *3100	3100 *3500	2790	2795	2865	2895	2950	1775	1795	1625	1670	1663	6/6 *6/6
ZM500	5000	950 *1150	1600 *1700	1650 *2200	2000 *2400	2400 *2750	2600 *3200	3040	3045	3115	3145	3200	2025	2045	1875	1920	1913	*3/6
ZM550	5500	*1000	*1600	*1950	1600 *2200	1800 *2400	2100 *2600	3340	3345	3415	3445	3500	2325	2345	2175	2220	2163	*3/6
ZM600	6000	*650	*1500	*1800	1200 *1900	1400 *2200	1600 *2400	3590	3595	3665	3695	3750	2575	2595	2475	2470	2413	*3/6

Remarks: (1)The free lifting height (without backrest): 1.5Ton: +514mm; 2-2.5Ton: +435mm; 3-3.5Ton: +580mm; 4Ton: +535mm
(2)* represents the load capacity when with double front tyres

1.5-4TON 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)		
		1.5 Ton	2.0 Ton	2.5 Ton	3.0 Ton	3.5 Ton	4.0 Ton	1.5Ton	2.0-2.5Ton	3Ton	3.5Ton	4Ton	1.5-1.8Ton	2.0-2.5Ton	3Ton		3.5Ton	4Ton
SM360	3600	1500	2000	2500	3000	3500	4000	1690	1695	1765	1820	1860	676	655	528	588	623	6/6 *6/6
SM400	4000	1300	2000	2500	3000	3500	4000	1823	1828	1898	1953	1994	810	788	661	721	756	6/6 *6/6
SM435	4350	1200	1750 *1900	1950 *2300	2800 *2850	3100 *3200	3300 *4000	1940	1945	2015	2070	2110	926	905	778	838	873	6/6 *6/6
SM450	4500	1150	1600 *1800	1700 *2200	2500 *2700	2800 *3000	3000 *3500	1990	1995	2065	2120	2160	976	995	828	888	923	6/6 *6/6
SM480	4800	1100	1250 *1700	1500 *2000	2250 *2450	2500 *2750	2700 *3200	2090	2095	2165	2220	2260	1076	1055	928	988	1023	6/6 *6/6
SM500	5000	1000	1100 *1600	1300 *1800	2100 *2300	2300 *2600	2500 *3000	2157	2162	2232	2287	2327	1145	1121	995	1055	1090	6/6 *6/6
SM550	5500	900 *1000	850 *1300	1100 *1600	1600 *2100	1700 *2300	2000 *2500	2323	2328	2398	2453	2494	1360	1288	1161	1121	1265	3/6 *3/6
SM600	6000	600 *800	700 *1100	800 *1300	1200 *1900	1300 *2100	1500 *2300	2540	2545	2615	2670	2710	1526	1505	1378	1438	1473	3/6 *3/6

Remarks: (1)The free lifting height (without backrest): 1.5Ton: +514mm; 2-2.5Ton: +435mm; 3-3.5Ton: +580mm; 4Ton: +535mm
(2)* represents the load capacity when with double front tyres