



1. Power system
Equipped with Chinese powerful and reliable engines with excellent environmental performance; Original imported Zuzhi, Yanmar, Mitsubishi and Cummins engines are optional.

2. Security system
Equipped with OHS or OHS seat and brake switch to prevent incorrect operation and secure the driver and the forklift from all sides.

3. Environmental protection system
Installed optional three way catalytic device to lower the harmful emission beside of low emission engines. Adopt soundproof cotton to ease noise and high exhaust system as option to reduce dust.

1.0-4.5TON
BALANCE WEIGHT TYPE FORKLIFT

VMAX 安徽维麦重工股份有限公司
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1.0-4.5 TON
BALANCE WEIGHT TYPE FORKLIFT



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

VMAX 1.0-4.5TON

1.0-4.5TON DIESEL FORKLIFT TRUCK

		VMAX									
Model	Unit	CKR1000	CKR1200	CKR1500	CKR1800	CKR2000	CKR2500	CKR3000	CKR3500	CKR4000	CKR4500
Power type		Diesel									
Rated capacity	kg	1000	1500	1800	2000	2500	3000	3500	4000	4500	
Load center	mm	500									
Operator type		Drive in seat									
SIZE											
Max lift height of mast with load-backrest	mm	4030	4030	4030	4030	4262	4262	4272	4272	4280	
Max lift height of forkstand	mm	3000	3000	3000	3000	3000	3000	3000	3000	3000	
Height of mast (standard)	mm	1985	1985	1985	2000	2065	2180	2150	2330		
Free lift height(standard)	mm	125	125	125	170	170	160	170	150	150	
Distance from seat to overhead guard	mm	1010	1010	1010	1010	1120	1235	1235	1195		
Overhead guard height	mm	2070									
Overall length without fork	mm	2160	2230	2270	2502	2776	2682	2699	2895	3100	
Front overhang	mm	420	420	420	477	477	479	498	500	565	
Rear overhang	mm	330	424	461	420	494	495	495	495	540	
Wheel base	mm	1400	1400	1400	1600	1600	1700	1700	1900	2050	
The height of traction pin	mm	230	230	230	290	310	310	310	330	350	
Min. ground clearance	mm	100	100	100	110	110	135	135	130	160	
Overall width	mm	1070	1070	1070	1170	1170	1225	1225	1410	1480	
The distance between forks	mm	910/125	910/125	910/125	1024/200	1024/200	1060/250	1060/250	1200/250	1310/300	
Transfront rear	mm	890/920	890/920	890/920	970/970	970/970	1000/970	1000/970	1160/1095	1180/1100	
Min. turning radius(side)	mm	1980	2060	2060	2170	2240	2400	2420	2700	2780	
Min. turning radius(side)	mm	130	130	130	160	160	200	200	230	270	
Min. intersecting axle	deg	1785	1865	1865	2200	2280	2380	2400	2685	3365	
Max. tilt angle	deg	47.12°									
Fork size	mm	50*100*1050									
PERFORMANCE											
Max. drive speed(without full load)	km/h	13.5/14.5	13.5/14.5	13.5/14.5	17.1/19	17.1/19	18/19	18/19	18/19	18/19	
Speeds (3 gears) with without full load	km/h	440/610/80	440/610/80	440/610/80	530/550	530/550	480/480	500/570	550/580	400/440	
Lowering speed(without full load)	km/h	450/550	450/550	450/550	450/550	450/550	450/550	350/440	350/440	350/440	
Max. tractive force(without full load)	kn	2015	2115	2125	2016	2016	2015	2015	2015	2016	
Max. grade ability (with/without full load)	%	1700/1720	1820/1820	2020/2020	2020/2120	2120/2120	2020/2020	2020/2020	1520/1620	1518	1820
Total weight	kg	2260	2660	2890	3320	3690	4270	4700	5310	6400	
Weight distribution load (front/rear)	kg	2830/300	3640/320	4040/600	4788/532	5563/618	6543/727	7388/820	8380/930	9540/1300	
Weight distribution zero load(front/rear)	kg	1220/1000	1700/1800	1140/1750	1328/1922	1420/2208	1708/2562	1880/2820	2100/3190	2630/3770	
WARRANTY & SERVICE											
Quantity of wheels		2+2+2									
Type of tyres		Pneumatic tyres									
Tires	Front	6.50-10-10R(6.50-10-10R) (6.50-10-10R) (7.00-10-12R) (7.00-12-12R) (7.00-12-12R) (7.00-12-12R) (7.00-12-12R) (7.00-12-12R) (7.00-12-12R) (7.00-12-12R) (7.00-12-12R)									
Rear	5.00-8-10R(5.00-8-10R) (5.00-8-10R) (5.00-8-10R) (5.00-8-10R) (5.00-8-10R) (5.00-8-10R) (5.00-8-10R) (5.00-8-10R) (5.00-8-10R) (5.00-8-10R) (5.00-8-10R)										
Driving brake		Mechanical manual									
Parking brake											
CONTROL DEVICE FOR DRIVING AND TRANSMITTING											
Battery	v/ah	12/80									
Quantity of batteries		2									
Model		XINCANG NC-485SPG									
Rated output	kw/hp	XINCANG C498P9G									
Rated torque	nm/hp	XINCANG X485B3C									
Hydraulic pedal		XINCANG X485B3C									
No. of cylinder		4.85X100									
Displacement	L	2.27									
Fuel tank capacity	L	45									
Number of speeds for transmission		manual pallet transmission / Power pallet transmission									

BALANCE WEIGHT TYPE FORKLIFT

2-4.5TON WIDE VIEW MAST

Mast type	Max lift height (mm)	Rated capacity/load center(500mm)(kg)						Max lift height(mm)						Max lift height (mm)	
		2.0TON	2.5TON	3.0TON	3.5TON	4.0TON	4.5TON	2.0-2.5TON	3.0TON	3.5TON	4.0TON	4.5TON			
KM200	2000	2000	2500	3000	3500	4000	1495	1565	1520	1650	1610	1770	1900	1970	6/2
KM250	2500	2000	2500	3000	3500	4000	1745	1815	1770	1900	1860	2060	2190	2260	6/2
KM270	2700	2000	2500	3000	3500	4000	1845	1915	1870	2000	1960	2160	2290	2360	6/2
KM300	3000	2000	2500	3000	3500	4000	4500	1955	2065	2120	2150	2330	2410	2480	6/2
KM330	3300	2000	2500	3000	3500	4000	4500	2145	2215	2170	2300	2360	2560	2630	6/2
KM350	3500	2000	2500	3000	3500	4000	4500	2245	2315	2270	2400	2460	2660	2730	6/2
KM370	3700	2000	2500	3000	3500	4000	4500	2345	2415	2370	2500	2560	2760	2830	6/2
KM400	4000	2000	2500	3000	3500	3700	4250	2645	2615	2570	2700	2860	2930	3130	6/2
KM425	4250	1800	2200	2650	3100	3400	4450	2670	2740	2695	2825	2885	3085	3155	6/2
KM450	4500	1600	2100	2600	3000	3100	4000	2795	2865	2820	2950	3130	3200	3400	6/2
KM450	5000	1900	2400	2900	3300	3400	4300	3045	3115	3070	3200	3380	3450	3650	6/2
KM500	5000	1700	2200	2700	3100	3200	4100	3345	3415	3370	3500	3680	3750	3950	6/2
KM550	5500	1600	2100	2600	3000	3100	4000	3495	3565	3520	3650	3830	3900	4100	6/2
KM600	6000	1500	2000	2500	2900	3000	3900	3595	3665	3620	3750	3930	4000	4200	6/2

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

2-4.5TON WIDE VIEW FULL 2-STAGE MAST

Mast type	Max lift height (mm)	Rated capacity/load center(500mm)(kg)						Max lift height(mm)						Free lifting(with backrest)	Max lift height (mm)			
		2.0TON	2.5TON	3.0TON	3.5TON	4.0TON	4.5TON	2.0-2.5TON	3.0TON	3.5TON	4.0TON	4.5TON						
ZM200	2000	2000	2500	3000	3500	4000	1495	1565	1595	1650	1880	495	325	370	413	645	6/2	
ZM250	2500	2000	2500	3000	3500	4000	1745	1815	1845	1900	2130	745	575	620	665	895	6/2	
ZM300	3000	2000	2500	3000	3500	4000	1945	2015	2045	2100	2330	995	825	870	915	1145	6/2	
ZM330	3300	2000	2500	3000	3500	4000	2145	2215	2245	2300	2530	1145	975	1020	1065	1295	6/2	
ZM350	3500	2000	2500	3000	3500	4000	2245	2315	2345	2400	2630	1245	1075	1120	1165	1395	6/2	
ZM370	3700	2000	2500	3000	3500	4000	2345	2415	2445	2500	2730	1345	1175	1220	1265	1495	6/2	
ZM400	4000	2000	2500	3000	3500	3700	2545	2615	2645	2700	2930	1445	1275	1320	1365	1595	6/2	
ZM425	4250	1900	2300	2750	3200	3400	4450	2670	2740	2705	2825	1670	1500	1545	1538	1738	6/2	
ZM450	4500	1800	2300	2800	3200	3300	4300	2795	2865	2820	2950	1795	1625	1670	1665	1865	6/2	
ZM500	5000	1600	2100	2600	3000	3100	4200	3045	3115	3070	3200	1845	1675	1720	1715	1915	2135	6/2
ZM550	5500	1500	2000	2500	2900	3000	4100	3345	3415	3370	3500	1945	1775	1820	1815	2015	2235	6/2
ZM600	6000	1400	1900	2400	2800	2900	3800	3595	3665	3620	3750	2045	1875	1920	1915	2115	2335	6/2

Remarks: (1)The free lifting height (without backrest): 2-2.5Ton: +435mm; 3-3.5Ton: +580mm; 4-4.5Ton: +535mm; (2) * represents the load capacity when with double front tyres

2-4.5TON WIDE VIEW FULL FREE 3-STAGE MAST

Mast type	Max lift height (mm)	Rated capacity/load center(500mm)(kg)						Max lift height(mm)						Free lifting(with backrest)	Max lift height (mm)		
		2.0TON	2.5TON	3.0TON	3.5TON	4.0TON	4.5TON	2.0-2.5TON	3.0TON	3.5TON	4.0TON	4.5TON					
SM360	3600	2000	2500	3000	3500	4000	1965	1765	1820	1860	2000	655	528	588	623	840	6/2
SM400	4000	2000	2500	3000	3500	4000	4500	1880	1935	1993	2123	778	661	721	756	947	6/2
SM435	4350	1750	2250	2850	3100	3300	4100	1945	2015	2070	2200	805	778	838	873	1090	6/2
SM450	4500	1600	2100	2600	3000	3000	3900	1995	2065	2120	2160	2380	828	888	923	1140	6/2
SM480	4800	1500	2000	2500	2900	3000	3800	2065	2135	2190	2240	2460					