



PERFECT LIFTING FROM VMAX

1.0-3.5 TON

BALANCE WEIGHT TYPE FORKLIFT



1	
2	4
3	5

**1. Electro-hydraulic reversing handle**

Adopt electro-hydraulic reversing handle to ensure easy operation, reducing the labor intensity effectively.

**2. Instrument panel & meter display**

Fix the instrument panel with concise meter on right side, ensure the driver read and understand easily.

**3. New design overhead guard**

Heightening overhead guard with big circular arc structure of front legs enlarge the operating space and expand visual field, reducing the driving fatigue.

**4. New type wide view stable mast**

Original imported German U-steel as optional together with advanced welding process and technology make the mast more stable and durable.

**5. Security system**

Equipped with OPS system as optional. When the operator leaves the seat during operation, the system will cut off the driving power to avoid accident happens.

**1.0-3.5TON**

BALANCE WEIGHT TYPE FORKLIFT

授权经销商



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# 1.0-3.5TON

BALANCE WEIGHT TYPE FORKLIFT

## 1.0-3.5TON DIESEL FORKLIFT TRUCK

MAIN INFORMATION											
1	Manufacturer	Vmax									
2	Model	Unit	CPC20	CPCD20	CPC25	CPCD25	CPC30	CPCD30	CPC35	CPCD35	
3	Power type	Diesel									
4	Rated capacity	kg	2000	2500	3000	3500					
5	Load center	mm	500								
6	Operator type	Drive in seat									
SIZE											
7	Max. lift height of mast with Load-backrest	mm	4030	4030	4250	4262					
8	Max. lift height of fork(standard)	mm	3000	3000	3000	3000					
9	Height of mast (standard)	mm	1995	1995	2085	2180					
10	Free lift height(standard)	mm	145	145	145	145					
11	Height of Load-backrest	mm	995	995	1227	1227					
12	Distance from seat to overhead guard	mm	1005								
13	Overhead Guard Height	mm	2070	2070	2090	2090					
14	Overall length without fork	mm	3480/2560				3800/2730				
15	Front overhang	mm	482	482	501.5	501.5					
16	Rear overhang	mm	438	438	498.5	498.5					
17	Wheel base	mm	1640	1640	1740	1740					
18	The height of traction pin	mm	310	310	310	310					
19	Min. ground clearance	mm	110	110	135	135					
20	Overall width	mm	1160	1160	1225	1225					
21	The distance between forks	mm	1024/200	1024/200	1060/250	1060/250					
22	Tread(front /rear)	mm	970/970	970/970	1000/970	1000/970					
23	Min. Turning radius(outside)	mm	2200	2200	2400	2400					
24	Min. Turning radius(inside)	mm	160	160	200	200					
25	Min. Intersecting aisle	mm	1960	1960	2120	2100					
26	Mast tilt angle	deg	6° / 12°								
27	Fork size	mm	1070X100X40	1070X100X45	1070X125X45	1070X125X45					
PERFORMANCE											
28	Speeds	Max.Drive speeds(with/without full load)	km/h	18/20	18/20	18/20	18/20				
29		Lifting speeds (with /without full load)	mm/s	450/490	450/490	470/520	470/520				
30		Lowering speeds(with /without full load)	mm/s	520/490	520/490	550/520	550/520				
31	Max. tractive force(with/without full load)	KN	20/15	21/15	20/15.2	21/15.2	20/16	20/16	20/16.3	20/16.3	
32	Max.grade ability (with/without full load)	%	21/20	27/20	18/20	23/20	20/20	20/20	15/20	16.5/20	
WEIGHT											
33	Total weight	kg	3400	3649	4410	4700					
34	Weight Distribution full load (front/ rear)	kg	4788/532	5562/618	6543/727	7380/820					
35	Weight Distribution zero load(front / rear)	kg	1328/1922	1420/2208	1708/2562	1880/2820					
WHEELS AND TYRES											
36	Quantity of wheels	2 X / 2									
37	Type of tyres	Pneumatic tyres									
38	Tyres	Front	7.00-12-12PR	7.00-12-12PR	28X9-15-12PR	28X9-15-12PR					
39		Rear	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR					
40	Driving Brake	Hydraulic Pedal									
41	Parking Brake	Mechanical manual									
CONTROL DEVICE FOR DRIVING AND TRANSMITTING											
42	Battery	V/AH	12 / 80								
43	Engine (standard)	Model	4D27G31	4D30G31	4D30G31						
44		Rated output	kw/rpm	36.8/2650	36.8/2650	45/2605					
45		Rated torque	Nm/rpm	156/1700~1900	174/1800~1900	198/1800					
46		No.of cylinder		4-90X105	4-95X105	4-98X105					
47	Displacement	L	2.67	2.98	3.168						
48	Fuel tank capacity	L	60	60	70						
49	Number of speeds for transmission	1-1 Hand shift transmission / 2-2 Power shift transmission									

## 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)
		1.5TON	2TON	2.5TON	3TON	3.5TON	1.5TON	2-2.5TON	3TON	3.5TON		
M200	2000	1500	2000	2500	3000	3500	1490	1495	1565	1520	6/12	
M250	2500	1500	2000	2500	3000	3500	1740	1745	1815	1770	6/12	
M270	2700	1500	2000	2500	3000	3500	1840	1845	1915	1870	6/12	
M300	3000	1500	2000	2500	3000	3500	1990	1995	2065	2120	6/12	
M330	3300	1500	2000	2500	3000	3500	2140	2145	2215	2170	6/12	
M350	3500	1500	2000	2500	3000	3500	2240	2245	2315	2270	6/12	
M370	3700	1500	2000	2500	3000	3500	2340	2345	2415	2370	6/6 *6/6	
M400	4000	1500	2000	2500	2850 *3000	3300 *3500	2540	2545	2615	2570	6/6 *6/6	
M425	4250	1300 *1500	1850 *2000	2300 *2500	2850 *3000	3200 *3500	2665	2670	2740	2695	6/6 *6/6	
M450	4500	1300 *1300	1600 *1900	2100 *2400	2600 *3000	2900 *3100	2790	2795	2865	2820	6/6 *6/6	
M475	4750	950 *1300	1300 *1800	1800 *2100	2400 *2900	2550 *2850	2915	2920	2990	2945	6/6 *6/6	
M500	5000	950 *1150	1200 *1700	1600 *1900	2100 *2850	2400 *2750	3040	3045	3115	3070	6/6 *6/6	
M550	5500	*1000	950 *1500	1200 *1700	*2400	1800 *2400	3340	3345	3415	3370	*3/6	
M600	6000	*650	800 *1200	900 *1400	*2000	1400 *2200	3590	3595	3665	3620	*3/6	

Remarks: (1) \* represents the load capacity when with double front tyres (2) The max. lift height with backrest:+580mm

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

Mast type	Max.lift height (mm)	Rated capacity(load center:500mm)(kg)					Mast height(mm)				Free lifting(with backrest)				Mast tilt angle (front/rear)	
		1.5TON	2TON	2.5TON	3TON	3.5TON	1.5TON	2-2.5TON	3TON	3.5TON	4TON	1.5TON	2-2.5TON	3TON		3.5TON
ZM200	2000	1500	2000	2500	3000	3500	1490	1495	1565	1680	1650	475	495	325	560	6/12
ZM250	2500	1500	2000	2500	3000	3500	1740	1745	1815	1930	1900	725	745	575	710	6/12
ZM270	2700	1500	2000	2500	3000	3500	1840	1845	1915	2000	2000	825	845	675	810	6/12
ZM300	3000	1500	2000	2500	3000	3500	1990	1995	2065	2180	2150	975	995	825	960	6/12
ZM330	3300	1500	2000	2500	3000	3500	2140	2145	2215	2330	2300	1125	1145	975	1100	6/12
ZM350	3500	1500	2000	2500	3000	3500	2240	2245	2315	2430	2400	1225	1245	1075	1210	6/12
ZM370	3700	1500	2000	2500	2850 *3000	3500	2340	2345	2415	2530	2500	1325	1370	1175	1335	6/12
ZM400	4000	1500	2000	2500	2700 *3000	3200 *3500	2540	2545	2615	2730	2700	1525	1545	1375	1510	6/12
ZM425	4250	1400 *1500	1900 *2000	2250 *2500	2550 *2850	3100 *3200	2665	2670	2740	2855	2825	1650	1670	1500	1635	6/6 *6/12
ZM450	4500	1300 *1400	1800 *1900	2150 *2400	2400 *2700	3000 *3050	2790	2795	2865	2980	2950	1775	1795	1625	1765	6/6 *6/6
ZM475	4750				2200 *2550	3000 *3050				2990				1750		6/6 *6/6
ZM500	5000	1000 *1350	1600 *1700	1650 *2200	2000 *2400	2500 *2850	3040	3045	3115	3230	3200	2025	2045	1875	2010	6/6 *6/6
ZM550	5500	*1100	*1600	*1950	1600 *2200	*2500	3340	3345	3415	3530	3500	2325	2345	2175	2310	*3/6
ZM600	6000	*800	*1500	*1800	1200 *1900	*2300	3590	3595	3670	3780	3750	2575	2595	2450	2560	*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

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

Mast type	Max.lift height (mm)	Rated capacity(load center:500mm)(kg)				Mast height(mm)					Free lifting(with backrest)			Mast tilt angle (front/rear)
		2TON	2.5TON	3TON	3.5TON	2-2.5TON	3TON	3.5TON	4TON	4.5TON	2-2.5TON	3TON	3.5TON	
ZM360	3600	2000	2500	3000	3500	1695	1765	1820	1860	2080	655	528	588	6/6 *6/6
ZM400	4000	2000	2500	3000	3500	1830	1898	1953	1993	2213	788	661	721	6/6 *6/6
ZM420	4200	1850 *2000	2200 *2400	2850 *2900	3300 *3350	1895	1965	2020	2060	2280	855	728	788	6/6 *6/6
ZM435	4350	1750 *1900	1950 *2300	2800 *2850	3100 *3200	1945	2015	2070	2110	2330	905	778	838	6/6 *6/6
ZM450	4500	1750 *1800	2150 *2300	2700 *2800	2800 *2900	1995	2065	2120	2160	2380	995	828	888	6/6 *6/6
ZM480	4800	1700 *1800	1950 *2300	2500 *2800	2600 *2900	2095	2165	2220	2260	2480	1055	928	988	6/6 *6/6
ZM500	5000	1600 *1750	1650 *2250	2400 *2750	2450 *2850	2165	2232	2287	2327	2547	1121	995	1055	6/6 *6/6
ZM550	5500	1450 *1700	1500 *2150	2250 *2650	2300 *2700	2330	2398	2453	2493	2713	1288	1161	1221	3/6 *3/6
ZM600	6000	950 *1600	1000 *1800	1500 *2100	1550 *2200	2550	2615	2670	2710	2930	1505	1378	1438	3/6 *3/6

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