



PERFECT LIFTING FROM VMAX

ISUZU ENGINE made in **JAPAN**

1.0-4.5 TON

BALANCE WEIGHT TYPE FORKLIFT



PT. DENKO WAHANA SAKTI

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Ventilator

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ROOF INSULATION & WATER PROOFING
• Anti Panas • Anti Bocor • Anti Karat





1.0-4.5TON

ISUZU ENGINE made in JAPAN

1.0-4.5 TON DIESEL FORKLIFT TRUCK (ISUZU ENGINE)

1	Manufacturer	VMAX																
2	Model	Unit	CPC10	CPCD10	CPC15	CPCD15	CPC18	CPCD18	CPC20	CPCD20	CPC25	CPCD25	CPC30	CPCD30	CPC35	CPCD35	CPCD40	CPC45
3	Power type		Diesel															
4	Rated capacity	kg	1000	1500	1800	2000	2500	3000	3500	4000	4500							
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	4030	4030	4262	4262	4275	4280							
8	Max. lift height of fork(standard)	mm	3000	3000	3000	3000	3000	3000	3000	3000	3000							
9	Height of mast (standard)	mm	1985	1985	1985	2000	2000	2065	2180	2150	2330							
10	Free lift height(standard)	mm	125	125	125	170	170	160	170	150	150							
11	Height of load-backrest	mm	1010	1010	1010	1010	1010	1240	1235	1235	1195							
12	Distance from seat to overhead guard	mm	1015					1000										
13	Overhead guard height	mm	2070					2070	2070	2090	2090	2105	2290					
14	Overall length without fork	mm	2160	2230	2270	2502	2576	2682	2693	2895	3105							
15	Front overhang	mm	420	420	420	477	477	479	498	500	565							
16	Rear overhang	mm	350	424	461	420	494	495	495	495	540							
17	Wheel base	mm	1400	1400	1400	1600	1600	1700	1700	1900	2000							
18	The height of traction pin	mm	230	230	230	290	290	310	310	330	350							
19	Min. ground clearance	mm	100	100	100	110	110	135	135	130	160							
20	Overall width	mm	1070	1070	1070	1170	1170	1225	1225	1410	1480							
21	The distance between forks	mm	910/125	910/125	910/125	1024/200	1024/200	1060/250	1060/250	1290/260	1370/300							
22	Tread(front /rear)	mm	890/920	890/920	890/920	970/970	970/970	1000/970	1000/970	1160/1065	1180/1190							
23	Min. turning radius(outside)	mm	1980	2060	2060	2170	2240	2400	2420	2700	2780							
24	Min. turning radius(inside)	mm	130	130	130	160	160	200	200	230	270							
25	Min. intersecting aisle	mm	1785	1865	1865	2200	2280	2380	2400	2685	3365							
26	Mast tilt angle	deg	6° / 12°															
27	Fork size	mm	920X100X35	920X100X35	920X100X40	1070X100X40	1070X100X45	1070X125X45	1070X125X50	1070X130X50	1070X150X50							
PERFORMANCE																		
28	Speeds	Max. drive speeds(with/without full load)	km/h	13.5/14.5	13.5/14.5	13.5/14.5	17/19	17/19	18/19	19/19	18/19	18/19						
29		Lifting speeds (with /without full load)	mm/s	460/500	460/500	460/500	530/550	530/550	440/480	330/370	350/380	400/450						
30		Lowering speeds(with /without full load)	mm/s	450/550	450/550	450/550	450/550	450/550	450/500	350/400	350/400	350/400						
31	Max. tractive force(with/without full load)	kn	20/15	21/15	21/15	20/16	20/16	20/15	21/15	20/16	20/16	20/16	20/16	20/16	20/16	20/16	20/19	
32	Max. grade ability (with/without full load)	%	17/20	17/20	18/20	23/20	20/20	20/20	21/20	27/20	18/20	23/20	20/20	20/20	15/20	16.5/20	15/18	18/20
WEIGHT																		
33	Total weight	kg	2280	2680	2890	3320	3680	4270	4700	5310	6400							
34	Weight distribution full load (front/ rear)	kg	2830/390	3640/520	4040/600	4788/532	5562/618	6543/727	7380/820	8380/930	9540/1360							
35	Weight distribution zero load(front / rear)	kg	1220/1000	1170/1490	1140/1750	1328/1922	1420/2208	1708/2562	1880/2820	2120/3190	2630/3770							
WHEELS AND TYRES																		
36	Quantity of wheels		2 X / 2															
37	Type of tyres		Penumatic tyres															
38	Tires	Front	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	7.00-12-12PR	7.00-12-12PR	28X9-15-12PR	28X9-15-12PR	250-15-16PR	300-15-18PR							
39		Rear	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	7.00-12-12PR							
40	Driving brake		Hydraumatic Pedal															
41	Parking brake		Mechanical manual															
CONTROL DEVICE FOR DRIVING AND TRANSMITTING																		
42	Battery	v/ah	12 / 80										(12 / 80)*2					
43	Engine (standard)	Model	XINCHANG NC485BPG					XINCHANG C490BPG			XINCHANG A495BPG	XINCHANG A498BPG	XINCHANG 4D35G					
44		Rated output	kw/rpm	30/2600					40/2650			42/2650	45/2500	48/2200				
45		Rated torque	n.m/rpm	131/1800					160/1800-1900			174/1800-1900	198/1800	230/1600-1800				
46		No. of cylinder		4-85X100					4-90X105			4-95X105	4-98X105	4-98X105				
47		Displacement	L	2.27					2.67			2.98	3.168	3.46				
48	Fuel tank capacity	L	45					60			60	70	80					

2-4.5TON WIDE VIEW MAST

Mast type	Max.lift height (mm)	Rated capacity(load center:500mm)(kg)						Mast height(mm)					Mast tilt angle (front/rear)
		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	/	6/12
KM250	2500	2000	2500	3000	3500	4000	/	1745	1815	1770	1900	/	6/12
KM270	2700	2000	2500	3000	3500	4000	/	1845	1915	1870	2000	/	6/12
KM300	3000	2000	2500	3000	3500	4000	4500	1995	2065	2120	2150	2330	6/12
KM330	3300	2000	2500	3000	3500	4000	/	2145	2215	2170	2300	/	6/12
KM350	3500	2000	2500	3000	3500	4000	4500	2245	2315	2270	2400	2580	6/12
KM370	3700	2000	2500	3000	3500	4000	/	2345	2415	2370	2500	/	6/6 *6/12
KM400	4000	2000	2500	3000	3300 *3500	3700 *4000	4250 *4500	2545	2615	2570	2700	2880	6/6 *6/12
KM425	4250	1800 *2000	2200 *2500	2850 *3000	3200 *3500	3400 *3800	/	2670	2740	2695	2825	/	6/6 *6/12
KM450	4500	1600 *1900	2100 *2400	2600 *3000	2900 *3100	3100 *3500	4000 *4250	2795	2865	2820	2950	3130	6/6 *6/12
KM500	5000	1200 *1700	1600 *1900	2100 *2850	2400 *2750	2600 *3200	3600 *4000	3045	3115	3070	3200	3380	6/6 *6/6
KM550	5500	950 *1500	1200 *1700	*2400	1800 *2400	2100 *2600	/	3345	3415	3370	3500	/	*3/6
KM600	6000	800 *1200	900 *1400	*2200	1400 *2200	1600 *2400	2500 *3000	3595	3665	3620	3750	3930	*3/6

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

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

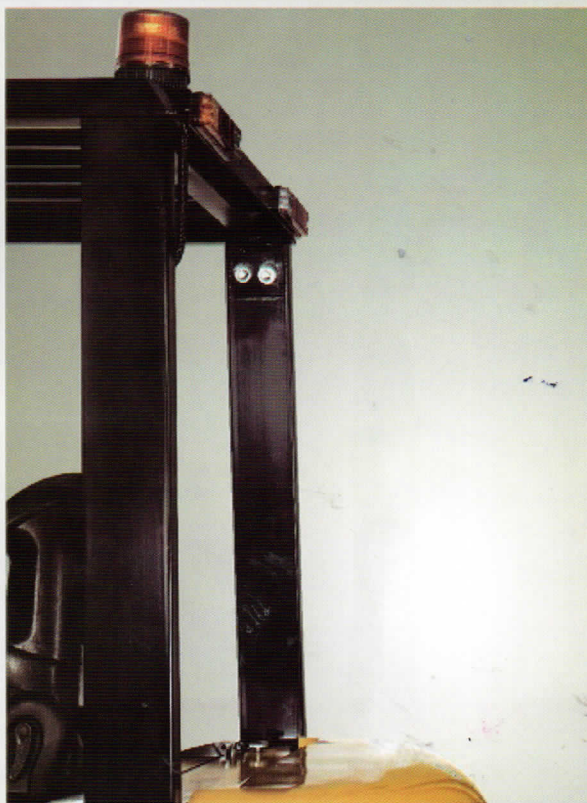
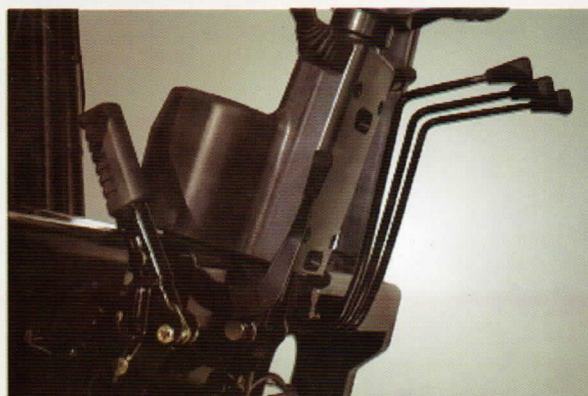
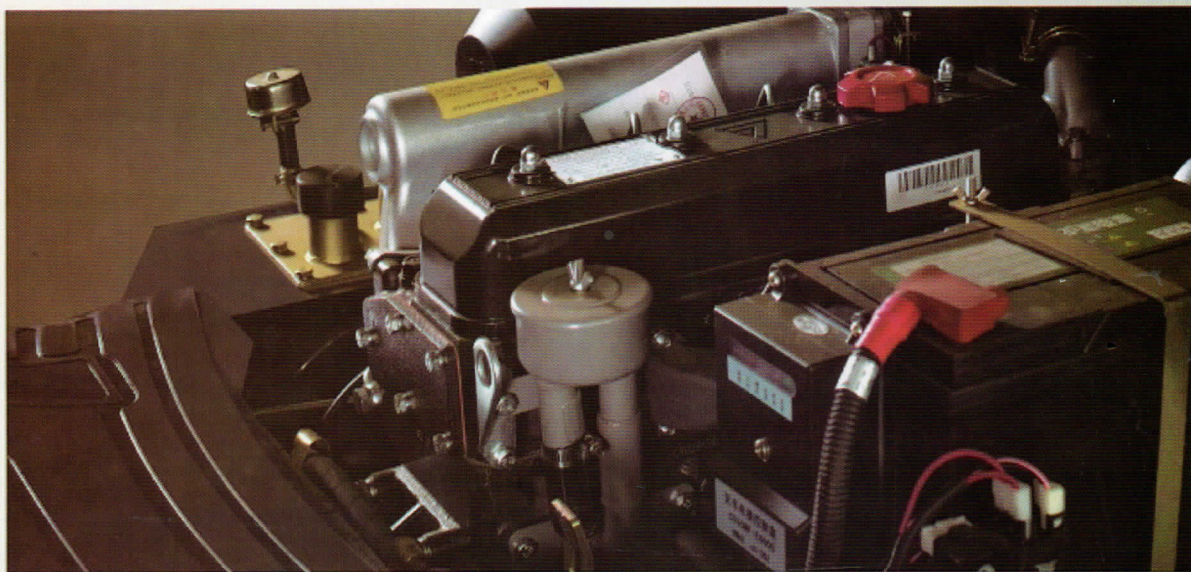
Mast type	Max.lift height (mm)	Rated capacity(load center:500mm)(kg)						Mast height(mm)					Free lifting(with backrest)					Mast tilt angle (front/rear)
		2.0TON	2.5TON	3.0TON	3.5TON	4.0TON	4.5TON	2-2.5TON	3.0TON	3.5TON	4.0TON	4.5TON	2-2.5TON	3.0TON	3.5TON	4.0TON	4.5TON	
ZM200	2000	2000	2500	3000	3500	4000	4500	1495	1565	1595	1650	1880	495	325	370	413	645	6/12
ZM250	2500	2000	2500	3000	3500	4000	4500	1745	1815	1845	1900	2130	745	575	620	663	895	6/12
ZM300	3000	2000	2500	3000	3500	4000	4500	1995	2065	2095	2150	2380	995	825	870	913	1145	6/12
ZM330	3300	2000	2500	3000	3500	4000	4500	2145	2215	2245	2330	2530	1145	975	1020	1063	1295	6/12
ZM350	3500	2000	2500	3000	3500	4000	4500	2245	2315	2345	2400	2630	1245	1075	1120	1163	1395	6/6 *6/12
ZM370	3700	2000	2500	2850 *3000	3500	4000	2850 *4500	2345	2415	2445	2500	2755	1370	1175	1220	1263	1520	6/6 *6/12
ZM400	4000	2000	2500	2700 *3000	3300 *3500	3700 *4000	2700 *4500	2545	2615	2645	2700	2930	1545	1375	1420	1413	1695	6/6 *6/12
ZM425	4250	1900 *2000	2250 *2500	2550 *2850	3200 *3500	3400 *3800	/	2670	2740	2770	2825	/	1670	1500	1545	1538	/	6/6 *6/12
ZM450	4500	1800 *1900	2150 *2400	2400 *2700	2900 *3100	3100 *3500	2400 *4500	2795	2865	2895	2950	3180	1795	1625	1670	1663	1945	6/6 *6/6
ZM500	5000	1600 *1700	1650 *2200	2000 *2400	2400 *2750	2600 *3200	2000 *2400	3045	3115	3145	3200	3430	2045	1875	1920	1913	2195	*3/6
ZM550	5500	*1600	*1950	1600 *2200	1800 *2400	2100 *2600	1600 *2200	3345	3415	3445	3500	3730	2345	2175	2220	2163	2495	*3/6
ZM600	6000	*1500	*1800	1200 *1900	1400 *2200	1600 *2400	1200 *1900	3595	3665	3695	3750	3980	2595	2475	2470	2413	2745	*3/6

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)						Mast height(mm)					Free lifting(with backrest)					Mast tilt angle (front/rear)
		2TON	2.5TON	3TON	3.5TON	4TON	4.5TON	2-2.5TON	3TON	3.5TON	4TON	4.5TON	2-2.5TON	3TON	3.5TON	4TON	4.5TON	
SM360	3600	2000	2500	3000	3500	4000	4500	1695	1765	1820	1860	2080	655	528	588	623	840	6/6 *6/6
SM400	4000	2000	2500	3000	3500	4000	4500	1860	1898	1953	1993	2213	778	661	721	756	947	6/6 *6/6
SM435	4350	1750 *1900	1950 *2300	2800 *2850	3100 *3200	3300 *4000	4100 *4300	1945	2015	2070	2110	2330	905	778	838	873	1090	6/6 *6/6
SM450	4500	1600 *1800	1700 *2200	2500 *2700	2800 *3000	3000 *3500	3900 *4100	1995	2065	2120	2160	2380	995	828	888	923	1140	6/6 *6/6
SM480	4800	1250 *1700	1500 *2000	2250 *2450	2500 *2750	2700 *3200	3700 *3900	2095	2165	2220	2260	2480	1055	928	988	1023	1240	6/6 *6/6
SM500	5000	1100 *1600	1300 *1800	2100 *2300	2300 *2600	2500 *3000	3400 *3700	2165	2232	2287	2372	2547	1121	995	1055	1090	1307	6/6 *6/6
SM550	5500	850 *1300	1100 *1600	1600 *2100	1700 *2300	2000 *2500	3100 *3400	2330	2398	2453	2493	2713	1288	1161	1221	1265	1474	3/6 *3/6
SM600	6000	700 *1100	800 *1300	1200 *1900	1300 *2100	1500 *2300	2700 *3100	2550	2615	2670	2710	2930	1505	1378	1438	1473	1690	3/6 *3/6



1.Power system

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

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.Environmental protection system

Install 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



PERFECT LIFTING FROM VMAX