

Basic type of mast																							
Mast type	Lifting height		Load capacity @ 24 inch load center								Lowered mast height		Extended mast height				Mast tilting F/R	Free lift		Mast weight			
			CPCD20-KUY		CPCD25-KUY		CPCD30-KUY		CPCD35-KUY				CPCD20-KUY CPCD25-KUY		CPCD30-KUY CPCD35-KUY					CPCD20-KUY CPCD25-KUY		CPCD30-KUY CPCD35-KUY	
	mm	in	kg	lb	kg	lb	kg	lb	kg	lb	mm	in	mm	in	mm	in	(°)	mm	in	kg	lb	kg	lb
M200	2000	79	2000	4000	2500	6000	3000	6000	3500	7000	1825	72	2950	116	3183	125	10/12	150	6	872	1922	912	2011
M250	2500	98	2000	4000	2500	6000	3000	6000	3500	7000	2075	82	3530	139	3763	148	10/12	150	6	887	1956	927	2044
M270	2700	106	2000	4000	2500	6000	3000	6000	3500	7000	2175	86	3730	147	3963	156	10/12	150	6	910	2006	950	2094
M300	3000	118	2000	4000	2500	6000	3000	6000	3500	7000	2325	92	4030	159	4263	168	10/12	150	6	932	2055	972	2143
M330	3300	130	2000	4000	2500	6000	3000	6000	3500	7000	2475	97	4330	170	4563	180	10/12	150	6	951	2097	991	2185
M350	3500	138	2000	4000	2500	6000	3000	6000	3500	7000	2575	101	4530	178	4763	188	10/12	150	6	965	2127	1005	2216
M370	3700	146	2000	4000	2500	6000	3000	6000	3500	7000	2675	105	4730	186	4963	195	10/12	150	6	1030	2271	1070	2359
M400	4000	157	2000	4000	2500	6000	3000	6000	3500	7000	2875	113	5030	198	5263	207	10/6	150	6	1050	2315	1090	2403
M425	4250	167	1950	3900	2200	6000	3000	6000	3500	7000	3000	118	5280	208	5513	217	10/6	150	6	1068	2355	1108	2443
M450	4500	177	1850	3700	2000	5800	2900	5800	3400	6800	3125	123	5530	218	5763	227	10/6	150	6	1091	2405	1131	2493
M475	4750	187	1600	3200	1800	5700	2850	5700	3350	6700	3250	128	5780	228	6013	237	10/6	150	6	1110	2447	1150	2535
M500	5000	197	1500	3000	1700	5200	2600	5200	3100	6200	3375	133	6030	237	6263	247	5/6	150	6	1159	2555	1199	2643
M550	5500	217	1350	2700	1450	4800	2400	4800	2900	5800	3675	145	6530	257	6763	266	5/6	150	6	1198	2641	1238	2729
M600	6000	236	1200	2400	1300	4000	2000	4000	2500	5000	3925	155	7030	277	7263	286	5/6	150	6	1220	2690	1260	2778

Duplex full free lift mast																									
Mast type	Lifting height		Load capacity @ 24 inch Load Center								Lowered mast height		Extended mast height				Mast tilting F/R	Free lift				Mast weight			
			CPCD20-KUY		CPCD25-KUY		CPCD30-KUY		CPCD35-KUY				CPCD20-KUY CPCD25-KUY		CPCD30-KUY CPCD35-KUY			CPCD20-KUY CPCD25-KUY		CPCD30-KUY CPCD35-KUY					
	mm	in	kg	lb	kg	lb	kg	lb	kg	lb	mm	in	mm	in	mm	in	(°)	mm	in	mm	in	kg	lb	kg	lb
ZM200	2000	79	2000	4000	2500	5000	3000	6000	3500	7000	1815	71	3030	119	3264	129	10/12	820	32	588	23	922	2033	962	2121
ZM250	2500	98	2000	4000	2500	5000	3000	6000	3500	7000	2065	81	3530	139	3764	148	10/12	1070	42	838	33	937	2066	977	2154
ZM270	2700	106	2000	4000	2500	5000	3000	6000	3500	7000	2165	85	3730	147	3934	155	10/12	1170	46	938	37	960	2116	1000	2205
ZM300	3000	118	2000	4000	2500	5000	3000	6000	3500	7000	2315	91	4030	159	4264	168	10/12	1320	52	1088	43	982	2165	1022	2253
ZM330	3300	130	2000	4000	2500	5000	3000	6000	3500	7000	2465	97	4330	170	4564	180	10/12	1470	58	1238	49	1001	2207	1041	2295
ZM350	3500	138	2000	4000	2500	5000	3000	6000	3500	7000	2565	101	4530	178	4764	188	10/12	1570	62	1338	53	1015	2238	1055	2326
ZM370	3700	146	2000	4000	2500	5000	3000	6000	3500	7000	2665	105	4730	186	4964	195	10/12	1670	66	1438	57	1080	2381	1120	2469
ZM400	4000	157	2000	4000	2500	5000	3000	6000	3500	7000	2865	113	5030	198	5258	207	10/6	1870	74	1938	76	1100	2425	1140	2513
ZM425	4250	167	1950	3900	2200	4400	3000	6000	3500	7000	2990	118	5280	208	5513	217	10/6	1995	79	1763	69	1118	2465	1158	2553
ZM450	4500	177	1850	3700	2000	4000	2900	5800	3400	6800	3115	123	5530	218	5764	227	10/6	2120	83	1888	74	1141	2515	1181	2604
ZM475	4750	187	1600	3200	1800	3600	2850	5700	3350	6700	3230	127	5780	228	6013	237	10/6	2235	88	2003	79	1160	2557	1200	2646
ZM500	5000	197	1500	3000	1700	3400	2600	5200	3100	6200	3365	132	6030	237	6264	247	5/6	2370	93	2138	84	1209	2665	1249	2754
ZM550	5500	217	1300	2600	1400	2800	2400	4800	2900	5800	3665	144	6530	257	6764	266	5/6	2670	105	2438	96	1248	2751	1288	2840
ZM600	6000	236	1100	2200	1200	2400	2000	4000	2500	5000	3915	154	7030	277	7264	286	5/6	2920	115	2688	106	1270	2800	1310	2888

Triplex full free lift mast																									
Mast type	Lifting height		Load capacity @ 24 inch Load Center								Lowered mast height		Extended mast height				Mast tilting F/R	Free lift				Mast weight			
			CPCD20-KUY		CPCD25-KUY		CPCD30-KUY		CPCD35-KUY				CPCD20-KUY CPCD25-KUY		CPCD30-KUY CPCD35-KUY			CPCD20-KUY CPCD25-KUY		CPCD30-KUY CPCD35-KUY					
	mm	in	kg	lb	kg	lb	kg	lb	kg	lb	mm	in	mm	in	mm	in	(°)	mm	in	mm	in	kg	lb	kg	lb
ZSM360	3600	142	1900	3800	2400	4800	2800	5600	3300	6600	2081	82	4430	174	4663	184	10/6	1086	43	854	34	1090	2403	1130	2491
ZSM400	4000	157	1900	3800	2400	4800	2800	5600	3300	6600	2200	87	5006	197	5239	206	10/6	1205	47	973	38	1125	2480	1165	2568
ZSM435	4350	171	1900	3800	2300	4600	2800	5600	3300	6600	2325	92	5380	212	5613	221	10/6	1330	52	1098	43	1160	2557	1200	2646
ZSM450	4500	177	1850	3700	2150	4300	2700	5400	3200	6400	2375	94	5530	218	5763	227	10/6	1380	54	1148	45	1175	2590	1215	2679
ZSM470	4700	185	1750	3500	1900	3800	2500	5000	3000	6000	2375	94	5730	226	5963	235	10/6	1380	54	1148	45	1180	2601	1220	2690
ZSM480	4800	189	1750	3500	1900	3800	2500	5000	3000	6000	2475	97	5830	230	6063	239	10/6	1480	58	1248	49	1200	2646	1240	2734
ZSM500	5000	197	1600	3200	1800	3600	2400	4800	2900	5800	2575	101	6030	237	6363	251	10/6	1580	62	1348	53	1230	2712	1270	2800
ZSM540	5400	213	1300	2600	1500	3000	2400	4800	2900	5800	2700	106	6506	256	6739	265	5/6	1705	67	1473	58	1260	2778	1300	2866
ZSM600	6000	236	1000	2000	1150	2300	1750	3500	2250	4500	2925	115	7180	283	7413	292	5/6	1930	76	1698	67	1320	2910	1360	2998



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AUTHORIZED DEALER

HELI

4000-7000LBS(2WD)
ROUGH TERRAIN FORKLIFT



Main features:

- Widely used in mine fields, orchards, Construction sit and other fields.
- The minimum ground clearance is 300 mm (Chassis center) , and the tilt angle of the mast reaches 10°/12 ° front/rear, good trafficability.
- Strong power, equipped with Chinese and world well-known brand engines.
- Equipped with super-wide off-road tires, with good off-road performance.

➤

The front and rear axles both equipped with limited slip differentia lock to improve the outdoor operation ability.

➤

Two/four-wheel drive switching, convenient for driver's operation

➤

Transmission with 2/1 speed gearforward/reverse, ensure both efficiency and performance.

➤

High exhaust design to ensure the operating environment good.

➤

The seat is equipped with armrest and safety belt to ensure comfortable and safe operation.

➤

Low center of gravity, good stability.

*Details of specifications and equipment are based on information available at time of printing and may change without notice.

4000-7000LBS (2WD)

Main performance parameters of CPCD20-KUY/CPCD25-KUY/CPCD30-KU/CPCD35-KU(2WD)ROUGH TERRAIN FORKLIFT

Parameters			Model		CPCD20-KUY		CPCD25-KUY		CPCD30-KUY		CPCD35-KUY	
Load capacity			kg	lb	2000	4000	2500	5000	3000	6000	3500	7000
Lift height			mm	in	3000	118	3000	118	3000	118	3000	118
Load centre distance			mm	in	500	24	500	24	500	24	500	24
Free lift			mm	in	150	5.9	150	6	150	6	150	6
Wheels, number front/rear (x=driven)					2x/2x		2x/2x		2x/2x		2x/2x	
speed	Forward	km/h	mph	20	12.4	20	12.4	20	4.3/12.4	20	4.3/12.4	
	Backward	km/h	mph	20	12.4	20	12.4	20	6.2	20	6.2	
Turning radius			mm	in	3265	128.5	3265	128.5	3265	132.5	3315	134.4
Ground clearance (frame)			mm	in	270	10.6	270	10.6	270	11.8	270	11.8
Total length			mm	in	3994	157.2	4144	163.1	4144	160.8	4194	162.8
Overall width			mm	in	1550	61.0	1550	61.0	1550	61.0	1550	61.0
Overall height(mast)			mm	in	2325	91.5	2325	91.5	2325	91.5	2325	91.5
Wheelbase			mm	in	1900	75	1900	74.8	1900	74.8	1900	74.8
Track width, front			mm	in	1160	45.7	1160	45.7	1160	47.2	1160	47.2
Track width, rear			mm	in	1100	43.3	1100	43.3	1100	48.0	1100	48.0
Fork adjustment distance			mm	in	200-1340	7.9-52.8	200-1340	7.9-52.8	250-1350	7.9-53.1	250-1350	7.9-53.1
Service weight			kg	lb	4500	9000	4650	9300	4850	10400	5050	10800
Load distance, centre of drive axle to fork			mm	in	644	25.4	644	25.4	644	23.0	644	23.0
Rear overhang			mm	in	530	20.9	530	20.9	530	20.9	580	22.8
Mast Tilt angle F/R			°		10/20		10/20		10/20		10/20	
Max drawbar pull, laden			N	ibf	16500	3709.3	16500	3709.3	16500	8542.7	16500	8542.7
Gradient performance with load			%		22%		20%		18%		16%	
braking distance (without load)			m	in	≤5	≤197	≤5	≤197	≤5	≤197	≤5	≤197
Engine	Model				V2403-CR-TE5B		V2403-CR-TE5B		V2403-CR-TE5B		V2403-CR-TE5B	
	Rated Power/Rated Speed		Kw/rpm	hp/rpm	46/2400	61.7/2400	46/2400	61.7/2400	46/2400	61.7/2400	46/2400	61.7/2400
	Max.Torque/Rated Speed		N·m/rpm	in·lb/rpm	195.6/1500	1731.1/1500	195.6/1500	1731.1/1500	195.6/1500	1731.1/1500	195.6/1500	1731.1/1500
Tyre	Tyre size, front	size		15-19.5-16PR TL		14-17.5-16PR TL		15-19.5-16PR TL		15-19.5-16PR TL		
		pressure	Mpa	0.55		0.62		0.55		0.55		
	Tyre size, rear	size	10-16.5-10PR		10-16.5-10PR TL		10-16.5-10PR		10-16.5-10PR			
pressure		Mpa	0.52		0.52		0.52		0.52			

