

Basic type of mast

Masttype	Lift height	Load capacity				Lowered mast height	Extended mast height		Mast tilting F/R	Free lift
		2t	2.5t	3t	3.5t		2/2.5t	3/3.5t		
M200	2000	2000	2500	3000	3500	1825	2950	3183	10/12	150
M250	2500	2000	2500	3000	3500	2075	3530	3763	10/12	150
M270	2700	2000	2500	3000	3500	2175	3730	3963	10/12	150
M300	3000	2000	2500	3000	3500	2325	4030	4263	10/12	150
M330	3300	2000	2500	3000	3500	2475	4330	4563	10/12	150
M350	3500	2000	2500	3000	3500	2575	4530	4763	10/12	150
M370	3700	2000	2500	3000	3500	2675	4730	4963	10/12	150
M400	4000	2000	2500	3000	3500	2875	5030	5263	10/6	150
M425	4250	1950	2200	3000	3500	3000	5280	5513	10/6	150
M450	4500	1850	2000	2900	3400	3125	5530	5763	10/6	150
M475	4750	1600	1800	2850	3350	3250	5780	6013	10/6	150
M500	5000	1500	1700	2600	3100	3375	6030	6263	5/6	150
M550	5500	1350	1450	2400	2900	3675	6530	6763	5/6	150
M600	6000	1200	1300	2000	2500	3925	7030	7263	5/6	150

Duplex full free lift mast

Masttype	Lift height	Load capacity				Lowered mast height	Extended mast height		Mast tilting F/R	Free lift	
		2t	2.5t	3t	3.5t		2/2.5t	3/3.5t		2/2.5t	3/3.5t
ZM200	2000	2000	2500	3000	3500	1815	3030	3264	10/12	820	588
ZM250	2500	2000	2500	3000	3500	2065	3530	3764	10/12	1070	838
ZM270	2700	2000	2500	3000	3500	2165	3730	3934	10/12	1170	938
ZM300	3000	2000	2500	3000	3500	2315	4030	4264	10/12	1320	1088
ZM330	3300	2000	2500	3000	3500	2465	4330	4564	10/12	1470	1238
ZM350	3500	2000	2500	3000	3500	2565	4530	4764	10/12	1570	1338
ZM370	3700	2000	2500	3000	3500	2665	4730	4964	10/12	1670	1438
ZM400	4000	2000	2500	3000	3500	2865	5030	5258	10/6	1870	1938
ZM425	4250	1950	2200	3000	3500	2990	5280	5513	10/6	1995	1763
ZM450	4500	1850	2000	2900	3400	3115	5530	5764	10/6	2120	1888
ZM475	4750	1600	1800	2850	3350	3230	5780	6013	10/6	2235	2003
ZM500	5000	1500	1700	2600	3100	3365	6030	6264	5/6	2370	2138
ZM550	5500	1300	1400	2400	2900	3665	6530	6764	5/6	2670	2438
ZM600	6000	1100	1200	2000	2500	3915	7030	7264	5/6	2920	2688

Triplex full free lift mast

Masttype	Lift height	Load capacity				Lowered mast height	Extended mast height		Mast tilting F/R	Free lift	
		2t	2.5t	3t	3.5t		2/2.5t	3/3.5t		2/2.5t	3/3.5t
ZSM360	3600	1900	2400	2800	3300	2081	4430	4663	10/6	1086	854
ZSM400	4000	1900	2400	2800	3300	2200	5006	5239	10/6	1205	973
ZSM435	4350	1900	2300	2800	3300	2325	5380	5613	10/6	1330	1098
ZSM450	4500	1850	2150	2700	3200	2375	5530	5763	10/6	1380	1148
ZSM470	4700	1750	1900	2500	3000	2375	5730	5963	10/6	1380	1148
ZSM480	4800	1750	1900	2500	3000	2475	5830	6063	10/6	1480	1248
ZSM500	5000	1600	1800	2400	2900	2575	6030	6363	10/6	1580	1348
ZSM540	5400	1300	1500	2400	2900	2700	6506	6739	5/6	1705	1473
ZSM600	6000	1000	1150	1750	2250	2925	7180	7413	5/6	1930	1698



ANHUI HELI CO., LTD.

ADD:NO.668Fangxing Street,Economical Development Zone,Hefei,P.R.China
TEL:(86 551)63639068,63639258,63639358,63662105
FAX:(86 551)63639966
WEBSITE:http://www.helichina.net
Email:heli@helichina.net

AUTHORIZED DEALER

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

2/2.5/3/3.5t
4WD
ROUGH TERRAIN FORKLIFT



Main features:

> Widely used in mine fields, orchards, Construction sit and other fields.

> The minimum ground clearance is 300 mm (frame center), and the inclination angle of the mast reaches 10 ° in front / 12 ° in rear, with good trafficability.

> Strong power, equipped with well-known domestic and foreign brand engines.

> The whole car is equipped with ultra wide off-road tires, with good off-road performance.

> The front and rear axles are equipped with limited slip differential lock to improve the outdoor operation ability.

> It can realize two / four-wheel drive switching, convenient for driver operation.

> Transmission with forward 2nd gear, reverse 1st gear, ensure both efficiency and performance.

> High exhaust design to ensure a good working environment.

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

> Low center of gravity and good stability.

HELI

LIFTING THE FUTURE



ROUGH TERRAIN FORKLIFT 2/2.5/3/3.5t(4WD)

Main performance parameters of 2/2.5/3/3.5t (4WD)ROUGH TERRAIN FORKLIFT

型号 Parameters			CPCD20Y-W12	CPCD20Y-YM2	CPCD25Y-W12	CPCD25Y-YM2	CPCD30Y-W12	CPCD30Y-YM2	CPCD35Y-W12	CPCD35Y-YM2
Load capacity		kg	2000	2000	2500	2500	3000	3000	3500	3500
Lift height		mm	3000	3000	3000	3000	3000	3000	3000	3000
Load centre distance		mm	500	500	500	500	500	500	500	500
Free lift		mm	150	150	150	150	150	150	150	150
Wheels, number front/rear (x=driven)			2x/2x	2x/2x	2x/2x	2x/2x	2x/2x	2x/2x	2x/2x	2x/2x
speed	Forward	km/h	7/20	7/20	7/20	7/20	7/20	7/20	7/20	7/20
	Backward	km/h	10	10	10	10	10	10	10	10
Turning radius		mm	3365	3365	3365	3365	3365	3365	3415	3415
Ground clearance (frame)		mm	300	300	300	300	300	300	300	300
Total length		mm	3934	3934	4084	4084	4084	4084	4134	4134
Overall width		mm	1550	1550	1550	1550	1550	1550	1550	1550
Overall height(mast)		mm	2325	2325	2325	2325	2325	2325	2325	2325
Wheelbase		mm	1900	1900	1900	1900	1900	1900	1900	1900
Track width, front		mm	1200	1200	1200	1200	1200	1200	1200	1200
Track width, rear		mm	1220	1220	1220	1220	1220	1220	1220	1220
Fork adjustment distance		mm	200~1340	200~1340	200~1340	200~1340	250~1350	250~1350	250~1350	250~1350
Service weight		kg	4700	4700	4850	4850	5250	5250	5500	5500
Load distance, centre of drive axle to fork		mm	585	585	585	585	585	585	585	585
Rear overhang		mm	530	530	530	530	530	530	580	580
Mast Tilt angle F/R		°	10/12	10/12	10/12	10/12	10/12	10/12	10/12	10/12
Max drawbar pull, laden		N	38000	38000	38000	38000	38000	38000	38000	38000
Gradient performance with load		%	45%	45%	43%	43%	40%	40%	36%	36%
braking distance (without load)		m	≤5	≤5	≤5	≤5	≤5	≤5	≤5	≤5
Engine	Model		ISUZU 4JG2	YANMAR 4TNE98	ISUZU 4JG2	YANMAR 4TNE98	ISUZU 4JG2	YANMAR 4TNE98	ISUZU 4JG2	YANMAR 4TNE98
	Rated Power/Rated Speed		Kw/rpm	46/2450	42.1/2300	46/2450	42.1/2300	46/2450	42.1/2300	42.1/2300
	Max.Torque/Rated Speed		Kw/rpm	186.2/1600	177.6-196.3/1000	186.2/1600	177.6-196.3/1000	186.2/1600	177.6-196.3/1000	177.6-196.3/1000
Tyre	Tyre size, front	size	14-17.5-16 TL	14-17.5-16 TL	14-17.5-16 TL	14-17.5-16 TL	14-17.5-16 TL	14-17.5-16 TL	14-17.5-16 TL	14-17.5-16 TL
		pressure	Mpa	0.62	0.62	0.62	0.62	0.62	0.62	0.62
	Tyre size, rear	size	10-16.5-8PR TL	10-16.5-8PR TL	10-16.5-8PR TL	10-16.5-8PR TL	10-16.5-8PR TL	10-16.5-8PR TL	10-16.5-8PR TL	10-16.5-8PR TL
		pressure	Mpa	0.41	0.41	0.41	0.41	0.41	0.41	0.41

