

WIDE VIEW MAST

Mast model	Max. lifting height mm	Load capacity (load center 500mm) (kg)				Mast overall height (fork to the ground) (mm)			Service weight (kg)				Mast tilting angle (°) α/β
		2t	2.5t	3t	3.5t	2-2.5t	3t	3.5t	2t	2.5t	3t	3.5t	
M200	2000	2000	2500	3000	3500	1500	1570	1620	3210	3560	4170	4490	6/12
M250	2500	2000	2500	3000	3500	1750	1820	1870	3260	3600	4220	4550	6/12
M300	3000	2000	2500	3000	3500	2000	2070	2120	3300	3650	4270	4600	6/12
M330	3300	2000	2500	3000	3500	2150	2220	2270	3330	3670	4290	4630	6/12
M350	3500	2000	2500	3000	3500	2250	2320	2370	3350	3690	4310	4650	6/12
M370	3700	2000	2500	3000	3500	2350	2420	2470	3360	3710	4330	4670	6/12
M400	4000	1950	2350	2850	3200 *3500	2550	2620	2670	3440	3790	4410	4760	6/12 *6/12
M425	4250	1900 *2000	2200 *2500	2750 *3000	3100 *3200	2675	2745	2795	3460	3810	4440	4780	6/6 *6/12
M450	4500	1700 *1900	2000 *2400	2650 *3000	2950 *3050	2800	2870	2920	3490	3830	4460	4810	6/6 *6/12
M500	5000	1500 *1700	1700 *2200	2400 *2700	2450 *2850	3050	3120	3170	3530	3880	4510	4860	6/6 *6/6
M550	5500	*1600	*2000	*2400	*2500	3350	3420	3470	3630	3970	4610	4970	*6/6
M600	6000	*1500	*1800	*2200	*2300	3600	3670	3720	3670	4020	4650	5020	*6/6

Note: (1) *stands for the rated capacity when the front tyre is double-tyre. (2) When the front tyre of the 2-3.5t truck is double tyre, the service weight of the truck is the weight in the table plus 110kg.

WIDE VIEW FULL FREE 2-STAGE MAST

Mast model	Max. lifting height mm	Load capacity (load center 500mm) (kg)				Mast overall height (fork to the ground) (mm)			Free lifting height (with backrest)(mm)			Service weight (kg)				Mast tilting angle (°) α/β
		2t	2.5t	3t	3.5t	2-2.5t	3t	3.5t	2-2.5t	3t	3.5t	2t	2.5t	3t	3.5t	
ZM200	2000	2000	2500	3000	3500	1500	1570	1620	500	340	443	3240	3580	4190	4510	6/12
ZM250	2500	2000	2500	3000	3500	1750	1820	1870	750	590	693	3290	3630	4240	4560	6/12
ZM300	3000	2000	2500	3000	3500	2000	2070	2120	1000	840	943	3330	3680	4290	4620	6/12
ZM330	3300	2000	2500	3000	3500	2150	2220	2270	1150	990	1093	3360	3710	4320	4650	6/12
ZM350	3500	2000	2500	3000	3500	2250	2320	2370	1250	1090	1193	3380	3730	4340	4670	6/12
ZM370	3700	2000	2500	3000	3500	2350	2420	2470	1350	1190	1293	3400	3750	4360	4690	6/12
ZM400	4000	2000	2350	2850	3200 *3500	2550	2620	2670	1550	1390	1493	3480	3820	4440	4770	6/12 *6/12
ZM425	4250	1900 *2000	2200 *2500	2750 *3000	3100 *3200	2675	2745	2795	1675	1515	1618	3500	3850	4470	4800	6/6 *6/12
ZM450	4500	1700 *1900	2000 *2400	2650 *3000	2950 *3050	2800	2870	2920	1800	1640	1743	3530	3870	4490	4830	6/6 *6/12
ZM500	5000	1500 *1700	1700 *2200	2400 *2700	2450 *2850	3050	3120	3170	2050	1890	1993	3580	3920	4550	4890	6/6 *6/6
ZM550	5500	*1600	*2000	*2400	*2500	3350	3420	3470	2350	2190	2293	3680	4020	4650	4990	*6/6
ZM600	6000	*1500	*1800	*2200	*2300	3600	3670	3720	3500	2440	2543	3730	4070	4700	5040	*6/6

Note: (1) *stands for the rated capacity when the front tyre is double-tyre. (2) When the front tyre of the 2-3.5t truck is double tyre, the service weight of the truck is the weight in the table plus 110kg.

WIDE VIEW FULL FREE 3-STAGE MAST

Mast model	Max. lifting height mm	Load capacity (load center 500mm) (kg)				Mast overall height (fork to the ground) (mm)		Free lifting height (with backrest)(mm)		Service weight (kg)				Mast tilting angle (°) α/β
		2t	2.5t	3t	3.5t	2-2.5t	3t/3.5t	2-2.5t	3t/3.5t	2t	2.5t	3t	3.5t	
ZSM360	3600	2000	2400	2900	3500	1800	1870	800	640	3460	3800	4410	4710	6/6
ZSM400	4000	1900	2400	2900	3050	1950	2020	950	790	3500	3840	4450	4750	6/6
ZSM435	4350	1850 *1900	2150 *2400	2700 *2900	2900 *3000	2050	2120	1050	890	3530	3880	4480	4780	6/6 *6/6
ZSM450	4500	1700 *1800	1950 *2300	2600 *2800	2800 *2900	2100	2170	1100	940	3540	3890	4490	4790	6/6 *6/6
ZSM470	4700	1600 *1800	1850 *2300	2550 *2900	2650 *2900	2165	2230	1165	1000	3560	3910	4510	4810	6/6 *6/6
ZSM480	4800	1500 *1800	1750 *2300	2450 *2800	2550 *2900	2210	2270	1210	1040	3580	3920	4520	4820	6/6 *6/6
ZSM500	5000	1400 *1750	1550 *2000	2250 *2650	2350 *2700	2300	2370	1300	1140	3600	3940	4550	4850	6/6 *6/6
ZSM540	5400	1300 *1700	1450 *2100	2100 *2400	2250 *2500	2400	2470	1400	1240	3630	3980	4580	4880	6/6 *6/6
ZSM600	6000	*1400	*1700	*2100	*2200	2600	2670	1600	1440	3730	4080	4680	4980	6/6 *6/6

Note: (1) *stands for the rated capacity when the front tyre is double-tyre. (2) When the front tyre of the 2-3.5t truck is double tyre, the service weight of the truck is the weight in the table plus 110kg.

2-3.5 t

K2 series Internal Combustion Counterbalanced Forklift Truck



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K2 SERIES 2-3.5 t

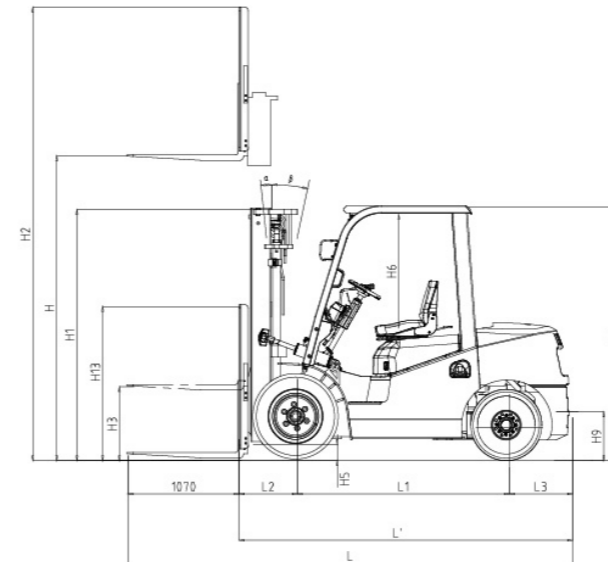
Manufacturer and technical parameters

Characteristics		HELI							
1.01	Manufacturer	HELI							
1.02	Model	CPC20	CPCD20	CPC25	CPCD25	CPC30	CPCD30	CPC35	CPCD35
1.03	Rated capacity	kg	2000	2500	2500	3000	3000	3500	3500
1.04	Load center	mm	500	500	500	500	500	500	500
1.05	Driving mode	Diesel							
1.06	Power type	Sit-ontype							
Dimensions									
2.01	Lifting height (standard)	H	mm	3000	3000	3000	3000	3000	3000
2.02	Mast overall height(Fork to the ground and mast be vertical)	H1	mm	2000	2000	2070	2070	2120	2120
2.03	Max.fork lifting height(With backrest)	H2	mm	4030	4030	4217	4217	4217	4217
2.04	Free lift height	H3	mm	150	150	155	155	160	160
2.05	Overall height(Overhead guard)	H4	mm	2120	2120	2140	2140	2140	2140
2.06	Min.groung clearance(At the mast)	H5	mm	115	115	135	135	135	135
2.07	Distance from the surface of the seat to the overhead guard	H6	mm	1050	1050	1050	1050	1050	1050
2.08	Traction pin height	H9	mm	290	290	310	310	310	310
2.09	Backrest height(Calculated from the surface of the fork)	H13	mm	1000	1000	1182	1182	1177	1177
2.10	Overall length(With fork/Without fork)	(L/L')	mm	3460/2540	3680/2610	3814/2744	3814/2744	3820/2750	3820/2750
2.11	Wheel base	L1	mm	1650	1650	1750	1750	1750	1750
2.12	Front overhang	L2	mm	465	465	478	478	484	484
2.13	Rear overhang	L3	mm	425	495	520	520	520	520
2.14	Overall width	W1	mm	1160	1160	1225	1225	1225	1225
2.15	Tread (Front tread/Rear tread)	(W3/W2)	mm	970/970	970/970	1000/970	1000/970	1000/970	1000/970
2.16	Fork adjustable range(the external of the fork)(Max./Min.)	W5	mm	1030/244	1030/244	1060/250	1060/250	1060/250	1060/250
2.17	Min.turning radius(Exterior)	r	mm	2215	2270	2400	2400	2400	2400
2.18	Min.turning radius(Interior)	r'	mm	35	35	80	80	80	80
2.19	Min.right angle stacking aisle width	Ra	mm	2235	2290	2360	2360	2360	2360
2.20	Mast tilting angle (forward /rear)	α/β	deg.	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°
2.21	Fork size	L4xWxT	mm	920x122x40	1070x122x40	1070x125x45	1070x125x45	1070x125x50	1070x125x50
Weight									
3.01	Total weight	kg	3300	3650	3650	4270	4270	4600	4600
3.02	Weight distribution loaded (Front/Rear)	kg	4710/590	5440/710	5440/710	6430/840	6430/840	7280/820	7280/820
3.03	Weight distribution unloaded (Front/Rear)	kg	1540/1760	1470/2180	1470/2180	1750/2520	1750/2520	1790/2810	1790/2810
Wheel and tyre									
4.01	Wheel number x = drive wheel (Front/Rear)	2X/2							
4.02	Tyre type(Front/Rear)	Pneumatic tyre							
4.03	Tyre size(Front/Rear)	7.00-12-12PR/6.00-9-10PR				28x9-15-14PR/6.5-10-10PR		28x9-15-14PR/6.5-10-10PR	
4.04	Service brake	Hydraulic-foot Pedel							
4.05	Parking brake	Mechanical-Hand lever							

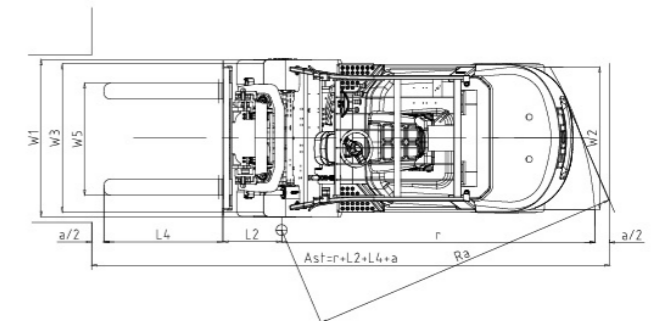
Truck Main Specifications and Drive and Transmission Control Device

Performance

Model		CPC20	CPCD20	CPC25	CPCD25	CPC30	CPCD30
Max. Travelling speed (Loaded/Unloaded)	km/h	18/19	18/19	18/19	18/19	19/20	19/20
Lifting Speed (Loaded/Unloaded)	mm/s	500/550	500/550	500/550	500/550	455/480	455/480
Lowing Speed (Loaded/Unloaded)	mm/s	450/500	450/500	450/500	450/500	450/500	450/500
Max. DrawbarPull (Loaded/Unloaded)	kN	16.2/12.5	16.2/12.5	19.3/11.7	19.3/11.7	19.5/16	19.5/16
Max. Gradeability (Loaded/Unloaded)	%	18/29	26/32	15/27	26/27	13/22	19/24
Drive and Transmission Control Device							
Battery (Voltage/Capacity)	V/Ah	12/80					
Engine Manufacturer/Mode		ISUZU C240					
Rated Power/Speed	kW/rpm	35.4/2500					
Max. Torque/Speed	Nm/rpm	139.9/1800					
Cylinder Number-Bore X Stroke/Displacement	L	4-86X102/2.369					
Engine Fuel Tank Capacity	L	70					
Emission		China Stage III / Euro Stage IIIA					
Transmission Box Shifting Gears		1-1 Power Shift T/M / 2-2 Manual Shift T/M					



RASA: Right angle stacking aisle width
a: Clearance
L4: Length of fork



CPC20/CPCD20 CPC25/CPCD25 CPC30/CPCD30 CPC35/CPCD35

