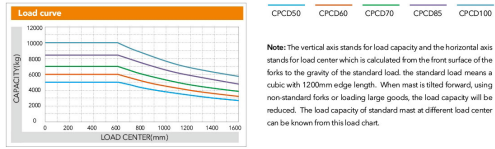
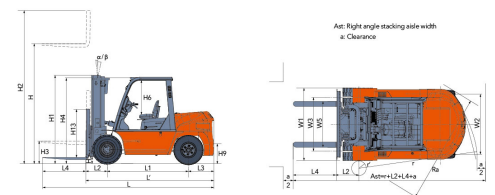


Manufacturer and technical parameters

Characteristics		HELI				
Manufacturer		CPCD50	CPCD60	CPCD70	CPCD85	CPCD100
1.01 Model		CPCD50	CPCD60	CPCD70	CPCD85	CPCD100
1.03 Power type		Diesel				
1.04 Rated capacity	Q kg	5000	6000	7000	8500	10000
1.05 Load center	C mm	600				
1.06 Driving mode		Sit-on type				
Dimensions						
2.01 Mast height (extended with backrest)	H2 mm	4400	4400	4400	4420	4415
2.02 Mast height (lowered)	H1 mm	3000	3000	3000	3000	3000
2.03 Mast height, lowered	H1 mm	2500	2500	2500	2700	2650
2.04 Free lift	H3 mm	200	200	200	200	200
2.05 Backrest height (calculated from the fork surface)	H13 mm	1360	1350	1345	1360	1345
2.06 Overhead guard clearance (from face of seat)	H6 mm	1060	1060	1060	1060	1060
2.07 Overhead guard height	H4 mm	2450	2450	2450	2560	2560
2.08 Overall length (with forks)	L mm	4710	4790	4840	5180	5430
2.09 Overall length (without forks)	L mm	3490	3570	3620	3955	4210
2.10 Front overhang	L2 mm	590	595	600	707	722
2.11 Rear overhang	L3 mm	600	675	720	755	715
2.12 Wheel base	L1 mm	2300	2300	2300	2500	2775
2.13 Track pin center height	H9 mm	410	410	410	520	520
2.14 Min. Ground clearance (from bottom of mast)	H5 mm	200	200	200	250	250
2.15 Truck body width	W1 mm	2045	2045	2045	2165	2165
2.16 Lateral fork adjustment (outside of fork) (max./min.)	W6 mm	300-1835	300-1835	348-1944	420-2060	
2.17 Front tread	W3 mm	1520	1520	1520	1600	1600
2.18 Rear tread	W2 mm	1700	1700	1700	1700	1700
2.19 Min. Turning radius (external)	r mm	3240	3300	3370	3650	3900
2.20 Min. Turning radius (internal)	r mm	200	200	200	200	200
2.21 Min. intersecting angle	α mm	3200	3260	3330	3590	3860
2.23 Mast tilting angle (forward/rear)	α/β °	6/12	6/12	6/12	6/12	6/12
2.24 Fork size	L mm	55X1220X150	60X1220X150	65X1220X150	70X1220X170	80X1220X175
Type						
3.01 Wheel number (front/rear)		4X/2				
3.02 Type type (front/rear)		Pneumatic / Pneumatic				
3.03 Type size (front)		8.25-15-14PR		7.00-20-14PR		
3.04 Type size (rear)		8.25-15-14PR		7.00-20-14PR		
Specifications of the brake and transmission devices						
4.01 Battery (voltage/capacity)	V/Ah	2X12/80				
4.02 Service brake		Powered brake-pedal type				
4.03 Parking brake		Mechanical hand-brake lever type				
4.04 Oil tank capacity	L	160				
4.05 Transmission type		Intelligent gear shifting				
4.06 Transmission number of speed (red/blue)		2/2				
Truck specifications						
5.01 Max. Traveling speed (loaded/unloaded)	km/h	24/29	24/29	24/29	24/28	24/28
5.02 Lifting speed (loaded/unloaded)	mm/s	510/530	510/530	500/530	390/420	330/350
5.03 Lowering speed (loaded/unloaded)	mm/s	WITHOUT LOAD±300 WITH FULL LOAD±600				
5.04 Max. Draw bar (loaded)	kN	63	63	62	60	58
5.05 Max. Gradability (loaded/unloaded)	%	38/19	35/19	32/19	23/20	21/20
5.06 Weight (oil included)	kg	6300	9030	14650	11550	12640
5.07 Ash load (loaded)/front/rear	kg	11940/1360	13400/1560	17845/2025	20167/2493	
5.08 Ash load (loaded)/front/rear	kg	4130/4170	4060/4490	3870/5780	5082/6468	5570/7090
Engine specifications						
6.01 Engine manufacturer / mode		XICHA C66110				
6.02 Engine rated power/rotational speed	Cw/rpm	83/2000				
6.03 Engine rated torque/rotational speed	km/rpm	450/1400-1500				
6.04 Cylinder number		6				
6.05 Engine displacement	L	7.127				

Optional engine model and truck main specifications

Truck specifications	CPCD50	CPCD60	CPCD70	CPCD85	CPCD100	CPCD50	CPCD60	CPCD70	CPCD85	CPCD100	CPCD50	CPCD60	CPCD70	CPCD85	CPCD100	CPCD50	CPCD60	CPCD70	CPQV0550	CPQV0600	CPQV0700							
Manufacturer																												
Max. Traveling speed (loaded/unloaded)	km/h	24/30	24/30	26/30	24/30	24/30	24/30	24/30	25/29	25/29	25/29	25/29	25/29	25/29	25/29	24/30	24/30	24/30	28/30	28/30	28/30							
Lifting speed (loaded/unloaded)	mm/s	530/550	530/550	510/540	390/420	330/350	550/570	550/570	430/450	350/370	510/550	500/550	400/420	400/420	400/420	450/470	450/470	450/470	425/435	425/435	425/435							
Lowering speed (loaded/unloaded)	mm/s	WITHOUT LOAD±300 WITH FULL LOAD±600																										
Max. Draw bar (loaded)	kN	60	60	60	60	58	60	60	60	60	58	60	60	60	58	42	40	40	48	48	47							
Max. Gradability (loaded/unloaded)	%	34/19	31/19	29/19	23/20	21/20	35/19	32/19	30/19	27/20	22/20	34/19	31/19	29/19	23/20	21/20	23/19	20/19	38/19	35/19	31/19							
Weight (oil included)	kg	8190	8900	9500	11400	12510	8190	8900	9500	11400	12510	8300	9050	9650	11550	12640	8300	9050	9650	7980	8710	9330						
Ash load (loaded)/front/rear	kg	11830/1320	13350/1570	14450/2090	17790/2190	20303/2480	11830/1320	13350/1570	14450/2090	17790/2190	20303/2480	11940/1360	13400/1560	14000/2150	20167/2493	11940/1360	13400/1560	14000/2150	14820/1650	15860/1650	16400/1750							
Ash load (loaded)/front/rear	kg	4050/4100	4050/4495	3930/5650	5360/6040	5510/7090	4050/4100	4050/4495	3930/5650	5360/6040	5510/7090	4130/4170	4060/4490	3870/5780	5082/6468	5570/7090	4060/4490	3870/5780	3810/4170	3740/4490	3550/5780							
Engine specifications																												
Engine manufacturer / mode		Pakine 110AD-6AT4										Cummins QSB4.5					ISUZU 6B1			Mitsubishi 565T					GM4.3			
Engine rated power/rotational speed	Cw/rpm	83/2000										63/2000					63/2000			63/2000					76/2300			
Engine rated torque/rotational speed	Nm/rpm	418/1400										488/1500					415/1400-1600			285/1700					324/1700			
Cylinder number		4										4					6			6					6			
Engine displacement	L	4.4										4.5					6.494			4.29					4.3			



Note: The vertical axis stands for load capacity and the horizontal axis stands for load center which is calculated from the front surface of the forks to the gravity of the standard load. The standard load means a cubic with 1200mm edge length. When mast is tilted forward, using non-standard forks or loading large goods, the load capacity will be reduced. The load capacity of standard mast at different load center can be known from this load chart.

5-7t WIDE VIEW MAST

Mast model	Max. fork height (mm)	Load capacity (load center 600mm)			Mast height, lowered (mm)			Service weight (kg)			Mast tilting angle (°/α/β)
		CPCD50	CPCD60	CPCD70	CPCD50/60/70	CPCD50	CPCD60	CPCD70	CPCD50	CPCD60	
M200	2000	5000	6000	7000	2000	2000	2000	8300	9050	9650	6/12
M250	2500	5000	6000	7000	2250	2250	2250	8340	9110	9710	6/12
M270	2700	5000	6000	7000	2350	2350	2350	8390	9140	9740	6/12
M300	3000	5000	6000	7000	2500	2500	2500	8440	9190	9790	6/12
M330	3300	5000	6000	7000	2650	2650	2650	8490	9240	9840	6/12
M350	3500	5000	6000	7000	2750	2750	2750	8520	9270	9870	6/12
M375	3750	5000	6000	7000	2850	2850	2850	8560	9310	9910	6/12
M400	4000	5000	6000	7000	3050	3050	3050	8610	9360	9960	6/12
M425	4250	5000	6000	7000	3175	3175	3175	8770	9520	10120	6/12
M450	4500	5000	6000	7000	3300	3300	3300	8810	9560	10160	6/12
M475	4750	5000	6000	7000	3425	3425	3425	8850	9600	10200	6/6
M500	5000	5000	6000	7000	3550	3550	3550	8890	9640	10240	6/6
M550	5500	4750	5700	6600	3850	3850	3850	9090	9840	10440	3/6
M600	6000	4400	5400	6400	4100	4100	4100	9170	9920	10520	3/6

5-7t WIDE VIEW FULL FREE 2-STAGE MAST

Mast model	Max. fork height (mm)	Load capacity (load center 600mm)			Mast height, lowered (mm)			Free lift (with backrest) (mm)			Service weight (kg)			Mast tilting angle (°/α/β)
		CPCD50	CPCD60	CPCD70	CPCD50/60/70	CPCD50	CPCD60	CPCD70	CPCD50	CPCD60	CPCD70	CPCD50	CPCD60	
M250	2500	5000	6000	7000	2210	2210	2210	8470	9120	9820	6/12			
M270	2700	5000	6000	7000	2310	2310	2310	8470	9120	9820	6/12			
M300	3000	5000	6000	7000	2460	2460	2460	8500	9150	9850	6/12			
M330	3300	5000	6000	7000	2610	2610	2610	8600	9250	9950	6/12			
M350	3500	5000	6000	7000	2710	2710	2710	8630	9280	9980	6/12			
M375	3750	5000	6000	7000	2865	2865	2865	8670	9320	10020	6/12			
M400	4000	5000	6000	7000	3010	3010	3010	8830	9480	10180	6/12			
M425	4250	5000	6000	7000	3135	3135	3135	8870	9520	10220	6/12			
M450	4500	5000	6000	7000	3260	3260	3260	8910	9560	10260	6/12			
M475	4750	5000	6000	7000	3385	3385	3385	8950	9600	10300	6/6			
M500	5000	5000	6000	7000	3510	3510	3510	8990	9640	10340	6/6			
M550	5500	4750	5700	6700	3810	3810	3810	9190	9840	10540	3/6			
M600	6000	4400	5400	6400	4060	4060	4060	9270	9920	10620	3/6			

Note: (1) 5-6t: the free lift without backrest 465mm increased.
(2) 7t: the free lift without backrest 310mm increased.

5-7t WIDE VIEW FULL FREE 3-STAGE MAST

Mast model	Max. fork height (mm)	Load capacity (load center 600mm)			Mast height, lowered (mm)			Free lift (with backrest) (mm)			Service weight (kg)			Mast tilting angle (°/α/β)
		CPCD50	CPCD60	CPCD70	CPCD50/60/70	CPCD50	CPCD60	CPCD70	CPCD50	CPCD60	CPCD70	CPCD50	CPCD60	
M330A0	3300	4500	5600	6200	2740	2740	2740	910	910	910	1340	1340	1340	6/6
M340A0	4000	4500	5600	6200	2470	2470	2470	1040	1040	1040	1520	1520	1520	6/6
M344A5	4300	4500	5600	6200	2385	2385	2385	1156	1156	1156	1520	1520	1520	6/6
M344A0	4800	4500	5600	6200	2740									