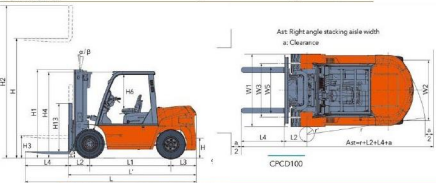


HELI CPCD100 10 Ton Forklift

Manufacturer and technical parameters

Optional engine model and truck main specifications

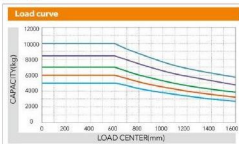
Characteristics		Truck specifications	
1.01	Manufacturer	HELI	Manufacturer
1.02	Model	CPCD100	Max. Travelling speed (loaded/unloaded)
1.03	Power type	Diesel	mm/h
1.04	Rated capacity	Q kg 10000	Lifting speed (loaded/unloaded)
1.05	Load center	C mm 600	mm/s
1.06	Driving mode	St-on-type	Lowering speed (loaded/unloaded)
Dimensions		mm/s	
2.01	Max height, extended (with backrest)	H2 mm 4315	Max. Draw bar (loaded)
2.02	Max. fork height	H mm 4000	KN
2.03	Max height, lowered	H1 mm 3400	Max. Gradeability (loaded/unloaded)
2.04	Free lift	H3 mm 200	%
2.05	Backrest height (calculated from the fork surface)	H13 mm 1345	Weight (oil included)
2.06	Overhead guard clearance (from face of seat)	H6 mm 1040	Wheel capacity (loaded) front/rear
2.07	Overhead guard height	H4 mm 2540	kg
2.08	Overall length (with forks)	L mm 6610	Wheel capacity (unloaded) front/rear
2.09	Overall length (without forks)	L' mm 4170	kg
2.10	Front overhang	L2 mm 722	Engine specifications
2.11	Rear overhang	L3 mm 715	Model/No. S61T
2.12	Wheel base	L1 mm 2775	(Euro BA, DA, TE, T) and optional 7 (optional standard as satisfied)
2.13	Reaction pin center height	H9 mm 520	Rated power
2.14	Min. Ground clearance (from bottom of mast)	H5 mm 230	kw/hp
2.15	Truck body width	W1 mm 2145	Rated torque
2.16	Lateral fork adjustment (outside of fork) (max./min.)	W6 mm 420-2090	Nm/kip
2.17	Front tread	W3 mm 1600	Cylinder number
2.18	Rear tread	W2 mm 1700	6
2.19	Min. Turning radius (external)	r mm 3900	Engine displacement
2.20	Min. Turning radius (internal)	r' mm 200	L
2.21	Min. intersecting angle	Ast mm 3840	4.29
2.22	Mast tilting angle (forward/rear)	α/β ° 4/12	
2.24	Fork size	L4 mm 80 x 2440 x 175	
Type			
3.01	Wheel number (front/rear)	4X2	
3.02	Type type (front/rear)	Protonic type	
3.03	Type code (hour)	9:00-20-14PR	
3.04	Type size (max)	9:00-20-14PR	
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 (forward/rear)	3/2	
Truck specifications			
5.01	Max. Travelling speed (loaded/unloaded)	mm/h	24/28
5.02	Lifting speed (loaded/unloaded)	mm/s	330/350
5.03	Lowering speed (loaded/unloaded)	mm/s	WITHOUT LOAD \geq 300 WITH FULL LOAD \geq 400
5.04	Max. Draw bar (loaded)	KN	58
5.05	Max. Gradeability (loaded/unloaded)	%	21/20
5.06	Weight (oil included)	kg	13,690
5.07	Wheel capacity (loaded) front/rear	kg	20630/2493
5.08	Wheel capacity (unloaded) front/rear	kg	5570/7090
Engine specifications			
6.01	Engine manufacturer /mode	XICHAI CA6113C(CHINA STAGE II)	
6.02	Rated power	kw/hp	83/2000
6.03	Rated torque	km/hp	450/1400-1500
6.04	Cylinder number	6	
6.05	Engine displacement	L	7.127



8.5-TON WIDE VIEW FULL FREE 2-STAGE MAST

Mast model	Max. fork height (mm)	Load capacity (500 center 600mm)	Max height, lowered (mm)	Free lift (with backrest) (mm)	Service weight (kg)	Mast tilting angle (°) F/R
ZM400	4000	CPCD100	3400	CPCD130	CPCD100	CPCD100
				2100	13,690	6/12

Note: (1) 8.5-ton free lift without backrest 222mm increased;
(2) 10-ton free lift without backrest.



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.