E

COMFORTABLE AND ECO-FRIENDLY

A RELAXED DRIVING EXPERIENCE FOR CUSTOMERS

- Vibration reduction: the use of full suspension knitted surface seat greatly improves the ride comfort.
- Noise reduction: fully closed electric tilting cab reduces the noise transmission of the whole machine.
- Wide vision mast offers good operating vision; Standard rear working light makes work easy at night.
- Rich instrument display content and human-computer interaction interface achieves timely acquisition of truck status, ensuring safe driving, stable operation.
- Full hydraulic power steering make operation light and flexible.
- Standard configuration of heating and cooling dual high-pressure electric split air conditioning offers high air conditioning energy utilization. The air duct is the front and the lower part, giving the driver a comfortable operating environment.
- The action of the mast is controlled by the thumb switch, which makes the operation more light.

- Low noise when the truck runs reduces noise pollution.
- Pure electric operation achieve "zero emissions ".

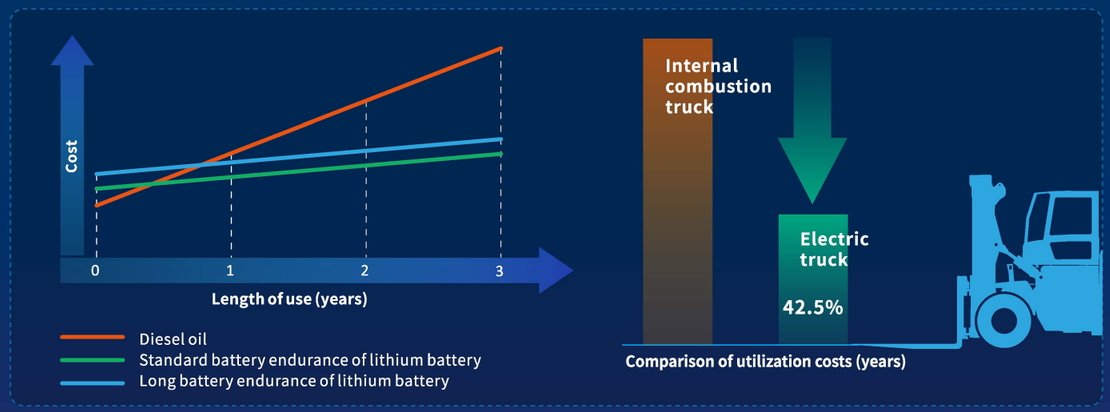
F

EASY MAINTENANCE

The comprehensive use cost is only 40% of the internal combustion forklift.

- Large tilting cab opening angle offers sufficient maintenance space;
- The new oil tank built-in suction filter offers convenient filter element replacement;
- Heli homemade integrated battery box with closed box and the plug-in sockets make the production, use and maintenance safer;
- Different ton models can share the same battery which effectively reduce numbers spare parts and management costs.

- The truck is equipped with potential energy recovery and kinetic energy regenerative energy technology, thorugh which the energy is recovered and supplemented to the battery, further improving the system efficiency and truck life.The annual comprehensive use cost of electric truck is only 42.5% of the internal combustion truck.



• Due to the differences in working conditions, the fluctuation of electricity price and oil price, the data will fluctuate also, so the above data is for reference only.

TECHNICAL PARAMETERS

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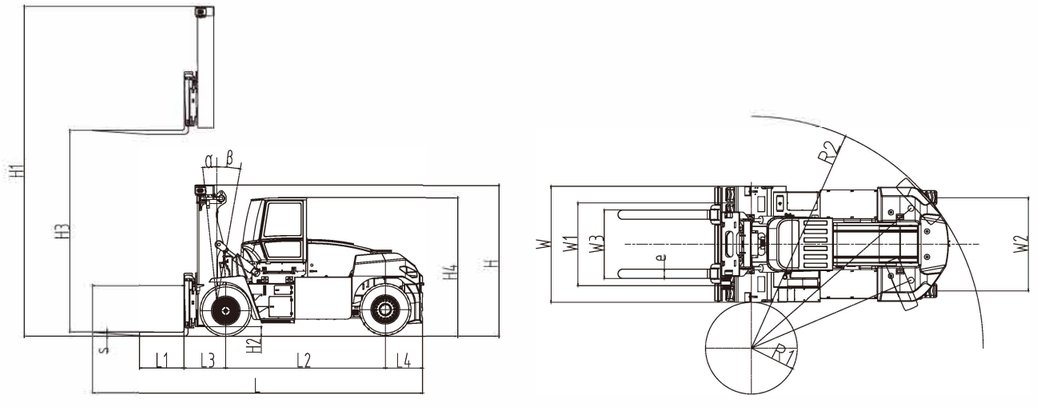
	Characteristics								
1.1	Model			CPD200	CPD250	CPD280	CPD300	CPD320	CPD350
1.2	Configuration name			A19LLIG2-12					
1.3	Rated capacity		kg	20000	25000	28000	30000	32000	35000
1.4	Load center distance	L1	mm	1200					
1.5	Lifting height (standard)	H3	mm	4000					
1.6	Mast tilt angle (forward/backward)	α/β	deg	6/10					
1.7	Wheelbase	L2	mm	4250		4650			
1.8	Tread front/rear	W1/W2	mm	2200/2510		2490/2440			
1.9	Overhang(front/rear)	L3/L4	mm	1102.5/990		1160/990			
1.10	Overall width	W	mm	3080		3460			
1.11	Overall length (with fork)	L	mm	8782.5/6342.5		9242/6802			
1.12	Overall height (cab/mast/max. height,extended)	H4/H/H1	mm	3795/3995/5995		3630/4120/6120			
1.13	Minimum distance across fork-arms(mast)	H2	mm	280		275			
1.14	Parking brake, laden/unladen		%	15/20		15/20			
1.15	Minimum turning radius(inside/outside)	R1/R2	mm	5920		6400			
1.16	Fork size:length x width x thickness	l/e/s	mm	2440×250×110		2440×250×115			2440×250×120
1.17	Fork adjustment range (outside of fork)	W3	mm	820-2700		920-2850			
1.18	Maximum travel speed (laden/unladen)		km/h	24/25		24/26			
1.19	Maximum lift speed (laden/unladen)		mm/s	380/400		330/350			290/300
1.20	Max.drawbar pull (laden/unladen)		KN	170		125			
1.21	Gradeability (laden/unladen)		%	20/25		15/25			
1.22	Total weight		kg	36000	37500	41000	41900	43700	45700
1.23	Tyres	Tyre size,front		14.00-24-28PR		16.00-25-36PR			
1.24		Tyre size,rear		14.00-24-28PR		16.00-25-36PR			
	Motor								
2.1	Driving motor powering		kW	171					
2.2	Pump motor rated power		kW	90×2					
	Drive axle								
3.1	Braking mode			Wet brake					
	lithium								
4.1	Type			lithium iron phosphate battery					
4.2	rated voltage		V	608					
4.3	Battery capacity (standard/optional)		Kwh	210/315					



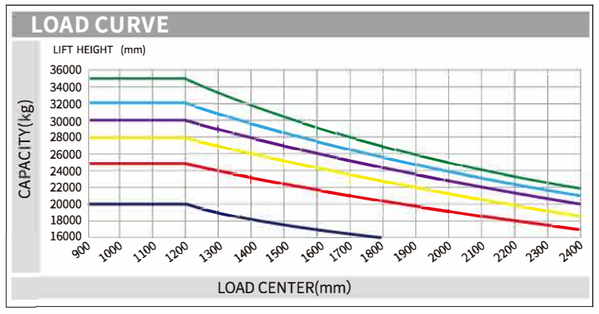
CPD200-250 NORMAL MAST

Mast type	Maximum lifting height (mm)	Mast height(lowered) (mm)	Maximum mast height (mm)	Tilt angle (front/rear) (α/β)(°)	Remarks
M400	4000	3995	5995	6/10	Standard Type
M450	4500	4245	6495	6/10	
M500	5000	4495	6995	6/10	
M550	5500	4745	7495	6/10	
M600	6000	4995	7995	6/10	
M650	6500	5245	8495	6/10	
M700	7000	5495	8995	6/10	
M750	7500	5745	9495	6/10	
M800	8000	5995	9995	6/10	

CPD280-350 NORMAL MAST

	Maximum lifting height (mm)	Mast height(lowered) (mm)	Maximum mast height (mm)	Tilt angle (front/rear) (α/β)(°)	Remarks
M400	4000	4120	6120	6/10	Standard Type
M450	4500	4370	6620	6/10	
M500	5000	4620	7120	6/10	
M550	5500	4870	7620	6/10	
M600	6000	5120	8120	6/10	
M650	6500	5370	8620	6/10	
M700	7000	5620	9120	6/10	
M750	7500	5870	9620	6/10	
M800	8000	6120	10120	6/10	

LOAD CURVE



Note:
Load center is measured from the fork front. A standard load center point refers to the center of a cubic of side length of 2400mm. When gantry tilts forward, the bearing capacity will reduce in case of use of non-standard fork or loading a load exceeding the normal width. Load curve tells you bearing capacity of various load centers in time.

HELI INTELLIGENT FLEET MANAGEMENT SYSTEM

- Truck positioning
- Remote diagnostics
- Remote monitoring
- Maintenance Tips
- Statistical reports
- Truck management
- Identification (optional)
- Weighing management (optional)