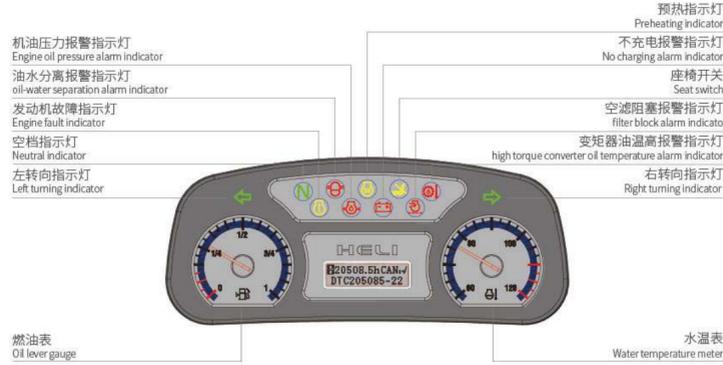


可靠的专用仪表 Reliable special designed instrument



可靠的专用仪表将整车运行状态、故障检测等重要信息完整地显示出来,使操作者更直观、方便地了解车辆状态。

Reliable special meter display the whole truck's working condition, fault detect and other important information completely which make the operator master the whole truck condition directly and conveniently.

标准配置 Standard configuration

货叉  
水温度表  
牵引销  
挡货架  
护顶架  
喇叭  
倒车灯  
计时表  
油量表  
充电指示  
随车工具  
油压报警  
转向灯  
后视镜  
标准座椅  
前大灯  
后部组合灯  
成形踏板  
二片多路阀  
传动油滤芯  
倒车蜂鸣器  
变速箱油标尺  
液压油滤芯  
空档安全开关  
护顶架防雨罩  
进气装置  
花纹耐用轮胎  
拉索式驻车制动  
液压油标尺  
预热指示  
全液压力转向  
起升油路限速阀  
起升和倾斜操纵杆  
旋风式空气滤清器  
倾斜可调转向臂柱  
发动机自动预热系统  
电熄火  
发动机故障指示

选用装置 Optional

Fork  
Water temperature gauge  
Traction pin  
Backrest  
Overhead guard  
Electric horn  
Reversing light  
Hour meter  
Fuel gauge  
Charging indicator  
Operator's tool kit  
Oil pressure alarm  
Steering indicator  
Wide view mast  
Standard seat  
Front lamp  
Rear combined light  
Shaped pedal pad  
Control valve (two throws)  
Filter core of transmission oil  
Backward buzzer  
Transmission oil gauge  
Filter of hydraulic oil circuit  
Safety switch for neutral gear  
Rain proof for overhead guard  
Air intaking device  
Durable tyre with pattern  
Cable type parking brake  
Hydraulic oil gauge  
Preheating indicator  
Flow regulator for lifting oil circuit  
Levers for lifting and tilting  
Cyclone air cleaner  
Adjustable tilting steering column  
Engine automatic preheating system  
Electric flameout  
Engine fault indicator

选购属具 Available attachment

曲杆  
吊钩  
侧移器  
纸卷夹  
旋转叉  
起重臂  
加长货叉  
多用桶夹  
旋转平抱夹  
加宽货叉架  
货叉加长套  
载荷稳定器  
倾斜推出器  
侧翻叉、侧翻斗  
宽视野二级全自由门架  
宽视野三级全自由门架

Carpet boom  
Lifting hook  
Side shifter  
Paper roll clamp  
Rotating fork  
Cargo boom  
Lengthen fork  
Multi-function drum clamp  
Rotating clamp  
Widen fork carrier  
Lengthen fork extension  
Load stabilizer  
Push-pull  
Tilting fork/bucket  
Wide view two stage free lift mast  
Wide view three stage free lift mast

2-3.5 t

K2系列内燃平衡重式叉车  
K2 series Internal Combustion  
Counterbalanced Forklift Truck



K2 2-3.5 t



可靠性提升40% Reliability 40% improved

- 铸造转向桥
- 门架强度、刚度提升
- 前悬缩小, 整车稳定性提高
- 驱动桥密封性能提升
- 轮胎加强设计
- 护顶架强度、刚度提升
- 电气系统防护等级提升, 电气零部件模块化设计
- 液压管路密封性能提高
- 整机散热性能提高
- 门架、车体承载能力加强, 安全性能提高

- Casted steering axle
- Improved mast strength and rigidity
- Reduced front overhang improves truck stability.
- The sealing performance of drive axle is improved.
- Enhanced design of firm
- The strength and rigidity of overhead guard are improved.
- The protection level of electric system is improved and the electrical parts adopts modular design.
- The sealing performance of hydraulic pipeline is improved.
- The cooling performance of the truck is improved.
- The loading capacity of mast and frame is improved and the safety performance is improved.

产品更加节能降耗  
Better performance in energy saving  
and consumption reducing

- 油耗降低
- 压损降低
- 标配LED光源
- The oil consumption is reduced.
- The pressure loss is reduced.
- LED lights are standard.

作业效率 提升20%

The operation efficiency is 20% improved

- 3.5t起升速度大幅提升
- 转弯半径主流竞品最小
- 转向手柄与灯开关集成操作方便
- The lifting speed for 3.5t truck is largely improved.
- Comparing with the other competing products, the steering radius is the smallest.
- The lights switch is integrated on steering knob and it is convenient for operation.

舒适性 提升20% Operation comfort is 20% improved

- 方向盘直径减少, 降低手臂疲劳度
- 踏板空间加大
- 座椅加宽更舒适
- 仪表背光设计醒目易读, 同时电控发动机标增加故障代码显示功能
- 门架横向视野增加
- 增加下降缓冲
- 头部空间加大

- The diameter of steering wheel is reduced to reduce arm fatigue.
- The space for pedal is enlarged.
- Widen seat is more comfortable.
- Backlight design of meter is easy to read and for electric controlled engine, fault code shown on the meter is the standard configuration.
- The horizontal view of mast is improved.
- Lowering buffering is configured.
- Head space is enlarged.

维修便捷性进一步提升

The performance of easy maintenance is further improved

- 驱动桥改进提升, 减少维护频率
- 仪表增加故障代码显示功能, 大幅提升整车维保效率
- 机罩80°开启角度, 提升了维修便捷性
- 增大发动机与变速箱结合处空间, 提升机油滤清维修便捷性
- 单根42芯电器盒, 检修方便
- 液压管路采用24°锥面密封, 拆装更加便捷

- The drive axle is improve to reduced maintenance frequency.
- Fault code is displayed on the meter to improve truck maintenance efficiency.
- The opening angle of engine hood reaches to 80°facilitating the access to maintenance.
- The contact space between engine and transmission box is enlarged and it is easy for engine oil filter maintenance.
- The electric box with single wire and 42 core is easy for maintenance.
- The 24° conical sealing is adopted on hydraulic pipeline and it is easy for assembly and disassembly.



合力智能车队管理系统(选配)  
HELI smart fleet management system (optional)

- 车辆定位
- 远程诊断
- 远程监控
- 维保提示
- 电池管理
- 统计报表
- 车辆管理
- 身份识别(选配)
- 称重管理(选配)
- 碰撞管理(选配)
- Vehicle positioning
- Remote diagnosis
- Remote monitoring
- Maintenance reminder
- Battery management
- Statistical form
- Vehicle management
- Identification recognition (optional)
- Weight management (optional)
- Collision management (optional)

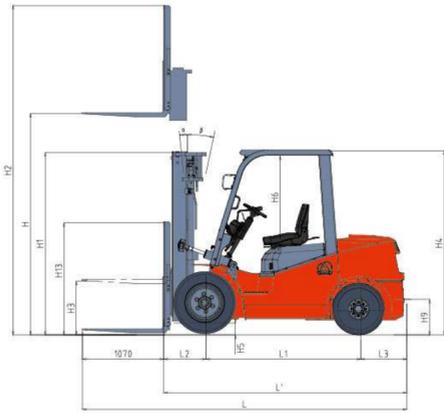


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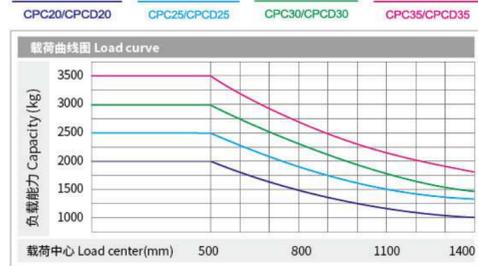
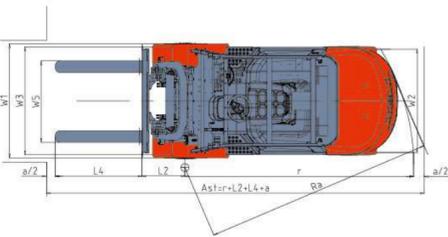
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# K2 2-3.5t

制造商和技术参数 Manufacturer and technical parameters																	
特性 Characteristics																	
1.01 制造商 Manufacturer	HELI																
1.02 型号 Model	CPC20	CPCD20	CPC25	CPCD25	CPC30	CPCD30	CPC35	CPCD35	CPC20	CPCD20	CPC25	CPCD25	CPC30	CPCD30	CPC35	CPCD35	
1.03 起升重量 Rated capacity	kg	2000	2500	3000	3500	2000	2500	3000	3500	2000	2500	3000	3500	2000	2500	3000	3500
1.04 载荷中心 Load center	mm	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
1.05 动力方式 Driving mode	柴油 Diesel																
1.06 驾驶方式 Power type	座驾式 Sit-on-type																
尺寸 Dimensions																	
2.01 起升高度(标准) Lifting height (standard)	H	mm	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
2.02 门架全高(叉叉落地, 门架垂直) Mast overall height (fork to the ground and mast be vertical)	H1	mm	2000	2000	2070	2120	2000	2000	2070	2120	2000	2000	2070	2120	2000	2000	2070
2.03 货叉起升最大高度(带挡货架) Max.fork lifting height (With backrest)	H2	mm	4030	4030	4217	4217	4030	4030	4217	4217	4030	4030	4217	4217	4030	4030	4217
2.04 自由起升高度 Free lift height	H3	mm	150	150	155	160	150	150	155	160	150	150	155	160	150	150	155
2.05 全高(带顶架) Overall height (Overhead guard)	H4	mm	2120	2120	2140	2140	2120	2120	2140	2140	2120	2120	2140	2140	2120	2120	2140
2.06 最小离地间隙(门架处) Min. ground clearance (At the mast)	H5	mm	115	115	135	135	115	115	135	135	115	115	135	135	115	115	135
2.07 座椅面至护顶架距离 Distance from the surface of the seat to the overhead guard	H6	mm	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
2.08 牵引销高度 Traction pin height	H9	mm	290	290	310	310	290	290	310	310	290	290	310	310	290	290	310
2.09 挡货架高(门架叉面算起) Backrest height (Calculated from the surface of the fork)	H13	mm	1000	1000	1182	1177	1000	1000	1182	1177	1000	1000	1182	1177	1000	1000	1182
2.10 全长(含货叉/不含货叉) Overall length (With fork/Without fork)	(L/L')	mm	3460/2390	3680/2610	3819/2740	3827/2754	3460/2390	3680/2610	3819/2740	3827/2754	3460/2390	3680/2610	3819/2740	3827/2754	3460/2390	3680/2610	3819/2740
2.11 轴距 Wheel base	L1	mm	1650	1650	1750	1750	1650	1650	1750	1750	1650	1650	1750	1750	1650	1650	1750
2.12 前悬距 Front overhang	L2	mm	465	465	478	484	465	465	478	484	465	465	478	484	465	465	478
2.13 后悬距 Rear overhang	L3	mm	425	495	520	520	425	495	520	520	425	495	520	520	425	495	520
2.14 全宽 Overall width	W1	mm	1160	1160	1225	1225	1160	1160	1225	1225	1160	1160	1225	1225	1160	1160	1225
2.15 轮距(前/后) Tread (Front tread/Rear tread)	(W3/W2)	mm	970/970	1000/970	1000/970	970/970	970/970	1000/970	1000/970	970/970	1000/970	1000/970	1000/970	970/970	1000/970	1000/970	1000/970
2.16 货叉调节范围(货叉外脚(最大/最小)) Fork adjustable range (the external of the fork) (Max./Min.)	W5	mm	1030/244	1030/244	1060/250	1060/250	1030/244	1030/244	1060/250	1060/250	1030/244	1030/244	1060/250	1060/250	1030/244	1030/244	1060/250
2.17 最小外副转弯半径 Min.turning radius (Exterior)	r	mm	2215	2270	2400	2400	2215	2270	2400	2400	2215	2270	2400	2400	2215	2270	2400
2.18 最小内副转弯半径 Min.turning radius (Interior)	r'	mm	35	35	80	80	35	35	80	80	35	35	80	80	35	35	80
2.19 最小直角通道宽度 Min.right angle stacking aisle width	Ra	mm	2235	2290	2360	2360	2235	2290	2360	2360	2235	2290	2360	2360	2235	2290	2360
2.20 门架倾角(前/后) Mast tilting angle (forward /rear)	α/β	deg.	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°
2.21 货叉尺寸 Fork size	L4xWxT	mm	920x122x40	1070x122x40	1070x125x45	1070x125x50	920x122x40	1070x122x40	1070x125x45	1070x125x50	920x122x40	1070x122x40	1070x125x45	1070x125x50	920x122x40	1070x122x40	1070x125x45
重量 Weight																	
3.01 总重 Total weight	kg	3300	3645	4265	4550	3300	3645	4265	4550	3300	3645	4265	4550	3300	3645	4265	4550
3.02 重量分配(满载(前/后)) Weight distribution loaded (Front/Rear)	kg	4714/586	5433/712	6424/841	7240/810	4714/586	5433/712	6424/841	7240/810	4714/586	5433/712	6424/841	7240/810	4714/586	5433/712	6424/841	7240/810
3.03 重量分配(空载(前/后)) Weight distribution unloaded (Front/Rear)	kg	1544/1756	1470/2175	1745/2520	1771/2779	1544/1756	1470/2175	1745/2520	1771/2779	1544/1756	1470/2175	1745/2520	1771/2779	1544/1756	1470/2175	1745/2520	1771/2779
车轮和轮胎 Wheel and tyre																	
4.01 车轮数量 X=驱动轮(前/后) Wheel number x = drive wheel (Front/Rear)	2X/2																
4.02 轮胎类型(前/后) Tyre type (Front/Rear)	充气胎 Pneumatic tyre																
4.03 轮胎尺寸(前/后) Tyre size (Front/Rear)	7.00-12-12PR/6.00-9-10PR 28φ-15-14PR/6.5-10-10PR 28φ-15-14PR/7.00-12-12PR/6.00-9-10PR 28φ-15-14PR/6.5-10-10PR 28φ-15-14PR/6.5-10-10PR																
4.04 行车制动器 Service brake	液压-踏板式 Hydraulic-foot Pedel																
4.05 驻车制动器 Parking brake	机械-手动式 Mechanical-Hand lever																



RASA: 直角堆垛通道宽度 right angle stacking aisle width  
a: 间隙 Clearance  
L4: 货叉长度 Length of fork



**注:**  
竖轴表示承载量, 横轴表示载荷中心。载荷中心是从货叉正面计算起, 标准载荷的基点是指负荷边长为1000毫米的立方体中心位置。当门架前倾、使用非标准货叉或装载超过正常宽度的负荷时, 将会使承载量减少。通过负荷曲线图, 能及时地了解标准门架在各种载荷中心时的承载能力。  
**Note:** The vertical axis stands for load capacity and the horizontal axis stands for load center which is calculated from the front of the fork. The base point of the standard load refers to the center position of the cube with 1000mm length of side. When mast is tilted forward, nonstandard fork usage or load with over wide goods, load capacity will be reduced. Different load capacity in different load center can be known in time through load chart.

整车主要性能参数及驱动、传动控制装置 Truck main specifications and drive and transmission control device																
性能 Performance																
型号 Model	CPC20	CPC20	CPC25	CPC25	CPC30	CPC30	CPC35	CPC35	CPC20	CPC20	CPC25	CPC25	CPC30	CPC30	CPC35	CPC35
最高行驶速度(满载/空载) Max. Travelling speed (loaded/unloaded)	18/18															
起升速度(满载/空载) Lifting Speed (Loaded/Unloaded)	500/550															
下降速度(满载/空载) Lowering Speed (Loaded/Unloaded)	450/500															
最大牵引力(满载/空载) Max.drawbar pull (Loaded/Unloaded)	17/12															
最大爬坡度(满载/空载) Max.Gradeability (Loaded/Unloaded)	27/29															
驱动、传动控制装置 Drive and transmission control device																
蓄电池(电压/容量) Battery (Voltage/Capacity)	12/80															
发动机制造商/型号 Engine manufacturer /mode	云内YN4A055-34CR 全柴4C2-50C41(高风扇) Quanchai 4C2-50C41(High fan)															
额定功率/转速 Rated power/rotational speed	36.8/2500															
最大扭矩/转速 Max. torque/Rotational speed	170/1500-1900															
缸数-缸径x行程/排量 Cylinder number-Bore x Stroke/Displacement	4-90x105/2.67															
发动机排量 Engine displacement	2.67															
燃油箱容积 Engine fuel tank capacity	70															
排放标准 Emission	国III China Stage III															
变速箱空档档数 Transmission box shifting gears	1-1动力换挡 1-1 Power shift / 2-2手动换挡 T/M 2-2 Manual shift T/M															

可选配的叉车发动机型号及其主要技术参数 Engine Model and Main Specification for Option						
发动机型号 Engine model	额定功率/转速 Rated power/rotating speed (Kw/rpm)	额定扭矩/转速 Rated torque/rotating speed (Nm/rpm)	发动机排量 Engine displacement (L)	发动机缸数-缸径x行程 Cylinder number - Bore x Stroke	排放标准 Emission	
潍柴4DW91-50GAC3U Xichai 4DW91-50GAC3U	36.8/2500	165/1500-1800	2.67	4-90x105/2.67	国III China Stage III	
新昌4D27XG40/505(高风扇) Xinchang 4D27XG40/505(High fan)	36.8/2500	165/1500-1800	2.67	4-90x105/2.67	国III China Stage III/京四 Beijing IV	

宽视野基本型门架 WIDE VIEW MAST													
门架型号 mast model	最大起升高度 Max. lifting height (mm)	承载能力(载荷中心为500mm) (kg) load capacity (load center 500mm)				门架全高(货叉落地) (mm) mast overall height (fork to the ground)			整车自重 (kg) service weight				门架倾角 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	3225	3560	3560	4455	6/12
M250	2500	2000	2500	3000	3500	1750	1820	1870	3270	3610	3610	4505	6/12
M300	3000	2000	2500	3000	3500	2000	2070	2120	3300	3645	3645	4550	6/12
M330	3300	2000	2500	3000	3500	2150	2220	2270	3345	3680	3680	4590	6/12
M350	3500	2000	2500	3000	3500	2250	2320	2370	3365	3700	3700	4610	6/12
M370	3700	2000	2500	3000	3500	2350	2420	2470	3380	3715	3715	4630	6/12
M400	4000	2000	2500	3000	3500	2550	2620	2670	3450	3790	3790	4710	6/12
M425	4250	1900	2250	2850	3100	2675	2745	2795	3475	3815	3815	4740	6/6
M450	4500	1900	2400	3000	3300	2800	2870	2920	3495	3835	3835	4765	6/12
M500	5000	1600	1650	2400	2500	3050	3120	3170	3540	3880	3880	4815	6/6
M550	5500	1600	1650	2400	2500	3350	3420	3470	3630	3970	3970	4915	3/6
M600	6000	*1500	*1800	*2200	*2300	3600	3670	3720	3675	4015	4015	4970	*3/6

注: (1)\*表示前轮为双胎的额定载重量。(2)2-3.5T前轮为双胎时, 自重为表格数据+110kg。  
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.

二级全自由门架 WIDE VIEW FULL FREE 2-STAGE MAST																
门架型号 mast model	最大起升高度 Max. lifting height (mm)	承载能力(载荷中心为500mm) (kg) load capacity (load center 500mm)				门架全高(货叉落地) (mm) mast overall height (fork to the ground)			自由起升高度(带挡货架) (mm) free lifting height (with backrest)				整车自重 (kg) service weight			门架倾角 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	443	4260	3560	4210	4485	6/12	
ZM250	2500	2000	2500	3000	3500	1750	1820	1870	750	590	693	3310	3645	4060	4535	6/12
ZM300	3000	2000	2500	3000	3500	2000	2070	2120	1000	840	943	3360	3700	4310	4640	6/12
ZM330	3300	2000	2500	3000	3500	2150	2220	2270	1150	990	1093	3390	3730	4340	4620	6/12
ZM350	3500	2000	2500	3000	3500	2250	2320	2370	1250	1090	1193	3410	3745	4360	4640	6/12
ZM370	3700	2000	2500	3000	3500	2350	2420	2470	1350	1190	1293	3430	3765	4380	4660	6/6
ZM400	4000	2000	2500	3000	3500	2										