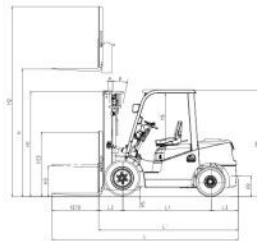
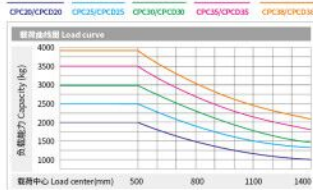


## 制造商和技术参数Manufacturer and technical parameters

特性 Characteristics		HELI									
制造商 Manufacturer		CPC20 CPC200 CPC25 CPC30 CPC330 CPC35 CPC38 CPC388									
型号 Model											
额定容量 Rated capacity		kg	2000	2500	3000	3500	3800				
载荷中心 Load center		mm	500	500	500	500	500				
动力方式 Driving mode		液力 Diesel									
燃油方式 Power type		液力式 Oil-only									
尺寸 Dimensions											
起升高度 (标准) Lifting height (standard)		H mm	3000	3000	3000	3000	3000				
门架全高 (固定式, 门架全高) Max. overall height (fixed, max. overall height)		H <sub>1</sub> mm	2000	2000	2070	2120	2180				
货叉全高 (固定式, 门架全高) Max. forks lifting height (fixed, max. forks lifting height)		H <sub>2</sub> mm	4030	4030	4217	4217	4217				
自由堆垛高度 Free lift height		H <sub>3</sub> mm	150	155	155	160	160				
全高 (固定式) Overall height (Overhead guard)		H <sub>4</sub> mm	2120	2120	2140	2140	2140				
最小转弯半径 (固定式) Min. turning clearance (at the mast)		H <sub>5</sub> mm	115	115	135	135	135				
门架至货叉架距离 Distance from the outfeed of the mast to the overhead guard		H <sub>6</sub> mm	1050	1050	1050	1050	1050				
牵引杆高度 Traction pin height		H <sub>7</sub> mm	290	290	310	310	310				
货叉架表面 (固定式, 货叉架表面) Backrest height (climber back surface of the fork)		H <sub>12</sub> mm	1000	1000	1182	1177	1177				
全长 (含货叉, 不含货叉) Overall length (with fork/Without fork)		L <sub>1</sub> mm	3460/2540	3600/2610	3614/2744	3620/2750	3670/2600				
轮距 Wheel base		L <sub>1</sub> mm	1650	1650	1750	1750	1750				
前悬距 Front overhang		L <sub>2</sub> mm	465	465	478	484	484				
后悬距 Rear overhang		L <sub>3</sub> mm	425	495	520	520	565				
全宽 Overall width		W <sub>1</sub> mm	1160	1160	1225	1225	1225				
货叉架宽度 Tread (Front tread/Rear tread)		W <sub>2</sub> /W <sub>3</sub> mm	970/970	1000/970	1000/970	1000/970	1000/970				
货叉架至门架距离 (固定式, 货叉架至门架) Min. distance from the outfeed of the fork(Mast-Mast)		W <sub>4</sub> mm	1030/244	1030/244	1060/250	1060/250	1060/250				
最小外转弯半径 (前) Min. turning radius (exterior)		r mm	2215	2270	2400	2400	2410				
最小内转弯半径 (后) Min. turning radius (interior)		r mm	35	35	80	80	80				
最小垂直堆垛高度 Min. tip-to-tip stacking clear width		B <sub>6</sub> mm	2235	2290	2360	2360	2420				
门架前倾角 (前/后) Max. tilting angle (forward/rear)		αβ deg	6°/12°	6°/12°	6°/12°	6°/12°	6°/12°				
货叉尺寸 Fork size		LxWxH mm	920x122x40	1070x122x40	1070x125x45	1070x125x40	1070x125x40				
重量 Weight											
总重量 Total weight		kg	3300	3650	4270	4600	4750				
重量 (满载) (前/后) Weight distribution loaded (Front/Rear)		kg	4710/390	5440/710	6430/840	7280/820	7710/840				
重量 (空载) (前/后) Weight distribution unloaded (Front/Rear)		kg	1560/1760	1470/2180	1750/2520	1790/2610	1800/2950				
车辆和轮胎 Vehicle and tyre											
轮胎数量 × 驱动轴 (前/后) Wheel number x drive wheel (Front/Rear)		2x/2									
轮胎类型 (前/后) Tyre type (Front/Rear)		充气胎 Pneumatic tyre									
轮胎尺寸 (前/后) Tyre size (Front/Rear)		7.00-12 12PR/6.00-10 8PR									
轮胎尺寸 (前/后) Tyre size (Front/Rear)		28x15 14PR/6.5-10 10PR									
行走制动 Service brake		液压-踏板式 Hydraulic-foot Pedal									
驻车制动 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



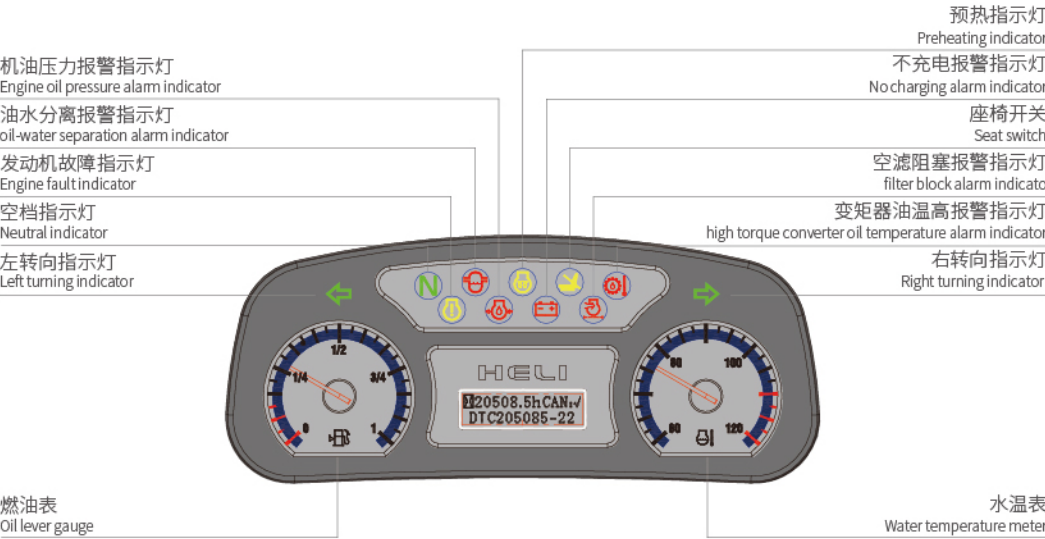
注:  
竖轴表示承载能力, 横轴表示载荷中心, 载荷中心是从货叉正前距起。  
标准载荷的基准是指货叉边长为1000毫米的立方体中心位置。当门架倾斜, 使用非标准货叉或装载超过正常宽度的货物时, 将会使承载能力减少。通过负荷曲线图, 能及时地了解标准门架在各种载荷中心时的承载能力。

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 load 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	CPC200	CPC25	CPC30	CPC330	CPC35	CPC38	CPC388					
最大行驶速度 (满载/空载) Max. Traveling speed (loaded/unloaded)	km/h	18/18	18/18	18/18	18/19	19/19	18/19	19/19	18/18	18/18	19/19	19/19	19/19	19/20
起升速度 (满载/空载) Lifting Speed (Loaded/Unloaded)	mm/s	500/550	500/550	475/495	400/420	500/550	500/550	475/495	400/420	390/430	390/430	390/430	390/430	390/430
下降速度 (满载/空载) Lowering Speed (Loaded/Unloaded)	mm/s	450/500	450/500	450/500	450/500	450/500	450/500	450/500	450/500	360/430	360/430	360/430	360/430	360/430
最大牵引力 (满载/空载) Max.tractor pull (Loaded/Unloaded)	kN	17/12	17/12	18/12.5	18/12.5	19/15	19/16	19/16	17/12	18/12.5	18/12.5	19/15	19/16	19/16
最大爬坡坡度 (满载/空载) Max.tractability (Loaded/Unloaded)	%	27/29	27/31	25/23	31/23	22/23	22/26	20/22	20/25	27/29	27/29	20/22	20/25	20/24
驱动、传动控制装置 Drive and transmission control device														
蓄电池电压 (V) Battery voltage (V)	V/Ah	12/80								12/80				
发动机制造厂/型号 Engine manufacturer/model		新昌 4027G40/505 (康明斯; 升朝) XNCH4027G40/505 (High Fan/HPCR)								全柴 4C2-50C41 (康明斯; 升朝) QNCH4C2-50C41 (High Fan/HPCR)				
额定功率/转速 Rated power/Speed	kW/rpm	36.8/2500								36.8/2500				
最大扭矩/转速 Max. torque/Speed	Nm/rpm	165/1500~1800								170/1400~2000				
缸数 缸径×行程/排量 Cylinder number/bore×Stroke/Displacement	缸	4-90×105/2.67								4-90×105/2.67				
燃油箱容积 Engine fuel tank capacity	L	70								70				
排放标准 Emission		国III China Stage III								国III China Stage III/国IV Beijing Stage IV				
变速箱换挡数 Transmission box shifting gears										1-1动力换挡/2-2手动换挡/T/M				



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  
水温表  
牵引销  
挡货架  
护顶架  
电喇叭  
倒车灯  
计时表  
油量表  
充电指示  
随车工具  
胎压报警  
转向灯指示  
宽视野门架  
标准座椅  
前大灯  
后部组合灯  
成形踏板垫  
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  
全液压动力转向  
起升油路限速阀  
起升和倾斜操纵杆  
旋风式空气滤清器  
倾斜可调转向管柱  
发动机自动预热系统  
电熄火  
发动机故障指示

选用装置 Optional

驾驶室  
速度表  
灭火器  
实心轮胎  
后工作灯  
辅助管路  
悬浮座椅  
用户指定颜色  
变速箱油温表  
驾驶室暖风机  
高排气装置  
倾斜缸护套  
智能车队管理系统(选配)  
Cab  
Speedometer  
Fire extinguisher  
Solid tyre  
Rear working light  
Auxiliary pipe  
Suspension seat  
Custom paint  
Temperature gauge  
of transmission oil Heater  
High installed exhaust  
Sleeve of tilting cylinder  
Smart fleet management system (optional)  
Air intaking device  
Durable tyre with pattern  
Cable type parking brake  
Hydraulic oil gauge  
Preheating indicator  
Full hydraulic powered steering  
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

串杆  
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  
载荷推出器  
倾翻叉、倾翻斗  
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

合力产品范围: 1-46吨内燃叉车;0.6-18吨电动叉车;前移式叉车、托盘车、堆垛车等仓储类产品;  
AGV智能搬运车辆及系统解决方案;正面吊、堆高机、牵引车、防爆叉车、越野叉车、装载机等多种化产品。



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2-3.8 t

K2系列内燃平衡重式叉车

K2 series Internal Combustion  
Counterbalanced Forklift Truck



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K2 系列/  
SERIES 2-3.8 t



可靠性提升 Reliability 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
- 液压管路采用24°锥面密封, 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 rim
- 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 24° conical sealing is adopted on the hydraulic pipeline and the sealing performance 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

The operation efficiency improved

- 起升速度大幅提升
- 转弯半径小
- 转向手柄与灯开关集成操作方便
- The lifting speed improved.
- The steering radius is small.
- The lights switch is integrated on steering knob and it is convenient for operation.

舒适性提升 Operation comfort improved

- 方向盘直径减少, 降低手臂疲劳度
- 踏板空间加大
- 座椅人体工学设计
- 仪表背光设计醒目易读, 有发动机故障代码显示功能
- 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.
- Seat is design with man-machine engineering.
- Backlight design of meter is easy to read and engine fault code is shown on the meter.
- 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
- 大开启角度机罩, 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
- 集成电器盒, 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.
- Large opening angle of engine hood makes maintenance easier.
- The contact space between engine and transmission box is enlarged and it is easy for engine oil filter maintenance.
- Integrated electric box 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)