

性能参数 Performance specifications				
型号 Model	CPCD140	CPCD150	CPCD160	CPCD180
单位 Unit			mm	
外形尺寸 Overall dimension	L1全长 (带货叉) Overall length (with forks)		6270	
	B全宽 Overall width		2780	
	H1全高 (门架) Overall height (at mast)		3300	
	H4作业时空大高度 Overall height (at works)		4776	
L5轴距 Wheel base		3250		
	h3起升高度 (标准) Lift height (standard)	3000		
m1最小离地间隙 (门架处) Min. underclearance		345		
	L3货叉长度 Length	1370		
货叉 Fork	W货叉宽度 Width	200		
	T货叉厚度 Thickness	85		
	R货叉调节范围 Adjustable range	500-2370		
	Wa最小转弯半径 (外部) Min. turning radius (external)	4500		
α/β 门架倾角 Mast tilt angle (load/back)		6° /12°		

宽视野基本型门架 Wide view basic type mast						
门架类型 Mast type	最大起升高度 Max. lift height (mm)	承载能力(载荷中心400mm) Loading capacity (load center 400mm) (kg)				备注 Note
		CPCD140	CPCD150	CPCD160	CPCD180	
M300	3000	14000	15000	16000	18000	标准型 Standard type
M350	3500	14000	15000	16000	18000	
M400	4000	14000	15000	16000	18000	
M450	4500	14000	15000	16000	18000	
M500	5000	14000	15000	16000	18000	
M550	5500	13000	14000	15000	17000	
M600	6000	12000	13000	14000	16000	标准型 Standard type
M650	6500	11000	12000	13000	15000	

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安徽合力股份有限公司
ANHUI HELI CO., LTD.
地址：合肥市经济技术开发区
ADD: NO.658 Fangang Street, Economic Development
Zone Hefei, P.R.China
电话 TEL: (0551) 351-0368/111, 6368365

传真 FAX: (0551) 551-6368365
邮箱 E-MAIL: Sales-HV@helichina.com
网址 WEBSITE: http://www.helichina.com
全国免费服务热线: 4001600761

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HELI
中国合力 提升未来

G系列轻型
14-18t内燃平衡重式叉车
G Series Light Type 14-18t
Internal Combustion Counterbalanced Forklift Truck

性能参数 Performance specifications					
型号 Model	单位 Unit	CPCD140-CU-08HG	CPCD150-CU-08HG	CPCD160-CU-08HG	CPCD180-CU-08HG
额定起重量 Rated capacity	kg	14000	15000	16000	18000
载荷中心距 Load center	mm		600		
动力形式 Power type		柴油 Diesel engine			
起升速度 (空载/满载) Lifting speed (unloaded/loaded)	mm/s	350/300			
下降速度 (空载/满载) Descending speed (unloaded/loaded)	mm/s	380/310			
最大行驶速度 (满载) Max.Traveling speed (loaded/unloaded)	km/h	27/30			
最大爬坡能力 (满载) Max. Gradeability (loaded/unloaded)	%	20%			
轮胎 Tire	类型 (前/后) Type (front/rear)	充气胎 4/2 Pneumatic tire			
规格 Size		12.00-24-20PR			
蓄电池电压/容量 Battery voltage/capacity	V/Ah	24/120			
行车制动 Service brake		气制动-踏板式 Gas cap oil- pedal type			
驻车制动 Parking brake		湿式多片式 Wet-type multiple disc brake			
发动机 Engine	发动机生产厂/型号 Manufacture Model	东风康明斯 Dongfeng Cummins 6BTA5.9-C170			
	额定功率/转速 Rated output/Speed	kW/rpm 127/2200			
	额定扭矩/转速 Rated torque/Speed	Nm/rpm 750/1400			
	缸数 Cylinder number	6			
变速箱 Gearbox	排量 Displacement	L 5.9			
	变速箱换挡类型 (离合/脚式) Transmission gear shift (clutch/foot type)	4/4 液力换向 Hydraulic reversing			

标准配置 Standard Configuration					
宽视野门架 Wide view mast	倒车灯 Back-up lamp	护顶架 Overhead guard	花纹耐用轮胎 Durable tire with decorative pattern		
标准货叉 Standard fork	液压调臂叉 Hydraulic fork positioner	灭火器 Fire extinguisher	燃料可调节回臂柱 Fuel and adjustable steering column		
转向指示器 Steering indicator	电喇叭 Electric horn	液压油油位计 Hydraulic oil level gauge	牵引销 Traction pin		
倒车镜 Back-up mirror	发动机油压报警 Engine oil pressure alarm	四合一多路阀 Four-piece control valve	高排气 High exhaust		
前组合灯 Front combination lamp	充电指示灯 Charging indicator	燃料油路自锁阀 Fuel oil lock valve	进气滤清器 Air inlet device		
水温组合灯 Water temperature lamp	发动机水温报警 Engine water temperature alarm	提升油路自锁阀 Lifting oil lock valve	司机工具 Driver's tool		
计时表 Stopwatch	空档指示 Neutral indicator	全液压助力转向 Fully-hydraulic powered steering			
旋转警示灯 Rotary warning lamp	电液换向 Electro-hydraulic changing-over	液压油路过滤器 Oil filter of hydraulic oil loop			
倒车蜂鸣器 Reversing buzzer	机械式空滤堵塞报警 Mechanical type air filter obstruction alarm	标准座椅 Standard seat			

选装配置和附件 Optional Devices and Accessories		
暖风机 Warm air blower	怠速降速 Floting start	悬杆 Sling rod
空调 Air conditioner	ops行虎控制系统 ops service control system	液力侧移转向叉 (单叉调面) Hydraulic side shift fork positioner (Pitch adjustment of single fork)
普通实心胎 Common solid type	用户指定颜色 User designated color	无轴实心胎 No trace solid type
后片驾驶室 CAB	侧视镜 Side mirror	

Q-SERIE FORKLIFT

CPCD 140-180



> 宽视野、高强度起重系统 Wide view and High Strength Lifting System

- ▶ 拥有自主知识产权的宽视野门架与液压调配叉，为操作者提供宽裕的前方视野，有利于工作安全性的改善与工作效率的提高。
- ▶ Excellent front view which is benefit for the work safety improvement and working efficiency is provide with wide view mast which has proprietary intellectual property and hydraulic fork positioned.

> 发动机系统 Engine System

- ▶ 东风康明斯6BTA5.9-C170柴油发动机，国II排放，排量5.9L，油耗低，噪音低，动力输出平稳。参数：127KW/2200rpm 750N.m/1400rpm 燃油系统：采用两节过滤系统，以更好适用低燃油品质的要求。

- ▶ Dongfeng Cummins 6BTA5.9-C170 diesel engine meets China II and its displacement is 5.9L. It has low oil consumption, low noise and stable output power. Parameters: 127kw/2200rpm 750N.m/1400rpm Fuel system: Two-stage filtering system meets the requirements of low fuel quality better.



> 变速箱+变矩器 Gearbox & Torque Converter

液压换向变速箱+340高性能变矩器

- ▶ 电液换挡技术
- ▶ 动力匹配率98%
- ▶ 安全可靠噪音低

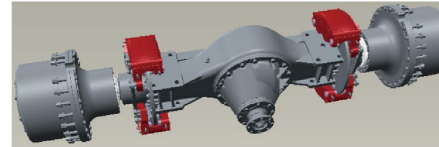
Hydraulic powered direction changing transmission box+ 340 high performance torque converter

- ▶ Electric hydraulic gear shifting technology
- ▶ High efficient power matching
- ▶ Safe and reliable; low noise



> 重载驱动桥 Heavy drive axle

- ▶ 针对叉车特种工况设计，采用大轮边小主减结构，是驱动桥可靠性的保证，钳盘制动，拥有良好的使用性能和性价比。
- ▶ The design is suited to special working conditions of forklift by using big wheel edge and small main reducer, ensuring high reliability of drive axle. Equipped with caliper disc brake, it has good performance and high cost-performance.

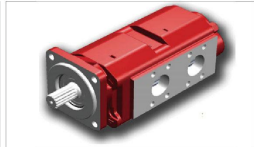
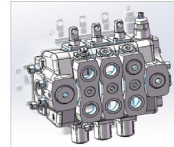


> 制动性能优越 Excellent Braking Performance

- ▶ 整车具有优异、可靠的制动性能，在各种场地条件下，行车制动和停车制动均操作平稳。
- ▶ The whole vehicle has excellent and reliable braking performance and the service brake and parking brake are operated smoothly and stably under various field conditions.

> 液压系统 Hydraulic system

- ▶ 采用意大利沃尔铎杆操纵式整体多路阀，美国PERMCO高压齿轮泵。
- ▶ Walvoil Lever-operated integrated type control valve from Italy, PERMCO high pressure gear pump.



HELI