

性能参数 Performance specifications			
型号 Model	CPCD120	CPCD135	
单位 Unit	mm	mm	
外形尺寸 Overall dimension	L1全长 (带货叉) Overall length (with forks)	6420	5970
	B全宽 Overall width	2520	2520
	h1全高 (门架) Overall height (at mast)	3300	3300
	h4作业时最大高度 Overall height (at works)	4715	4715
L5轴距 Wheel base	3000	3000	
h3起升高度 (标准) Lift height (standard)	3000	3000	
m1最小离地间隙 (门架处) Min. underclearance	215	215	
货叉 Fork	L3货叉长度 Length	1820	1370
	W货叉宽度 Width	200	200
	T货叉厚度 Thickness	85	85
	R货叉调节范围 Adjustable range	500-2370	500-2370
Wa最小转弯半径 (外部) Min. turning radius (external)	4500	4500	
α/β 门架倾角 Mast tilt angle (fwd/bwd)	6° /12°	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. lifting height (mm)	承载能力 (载中心900mm) Loading capacity (load center 900mm) (kg)		门架落地全高 Free lift height (mm)	门架倾角 (前/后) Mast tilt angle (Fwd/Bwd)	备注 Note
		CPCD120	CPCD135			
M300	3000	12000	13500	3215	6° /12°	标准型 Standard type
M350	3500	12000	13500	3465	6° /12°	
M400	4000	12000	13500	3715	6° /12°	
M450	4500	12000	13500	3965	6° /12°	
M500	5000	12000	13500	4265	6° /6°	
M550	5500	11000	12500	4515	3° /6°	
M600	6000	10000	11500	4815	3° /6°	
M650	6500	9000	10500	5065	3° /6°	

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INTER LAKEN

Interlaken Maquinaria S.A. de C.V.
Distribuidor Máster de Heli para México.
Teléfono Corporativo: +52 (55) 3300 5105
E-mail: info@interlakenmaq.com
www.helimontacargas.com.mx

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CPCD 120-135
内燃平衡重式叉车
COUNTERBALANCED INTERNAL COMBUSTION FORKLIFT TRUCK

H SERIE FORKLIFT
CPCD 120-135

性能参数 Performance specifications						
型号 Model	单位 Unit	CPCD120-WX-09 II	CPCD120-CU-09 III	CPCD135-WX-06 II	CPCD135-CU-06 III	
额定起重量 Rated capacity	kg	12000		13500		
载荷中心距 Load center	mm	900		600		
动力形式 Power type		柴油 Diesel engine				
起升速度 (满载) Lifting speed (loaded)	mm/s	350				
下降速度 (满载) Descending speed (loaded)	mm/s	370				
最大行驶速度 (满载) Max. Travelling speed (loaded/unloaded)	km/h	28/29				
最大爬坡能力 (满载) Max. Gradeability (loaded/unloaded)	%	28/22				
轮胎 Type (前/后) Tire	规格 Size	充气胎4/2 Pneumatic tire				
蓄电池电压/容量 Battery voltage/capacity	V/Ah	24/120				
行车制动器 Service brake		气顶油-踏板式 Gas cap oil-pedal type				
停车制动器 Parking brake		机械-手动式 Mechanical-manual type				
发动机 Engine	发动机生产厂型号 Manufacture Model	锡柴 CA6110/125ZT-HL20	康明斯 Cummins QSB6.7	锡柴 CA6110/125ZT-HL20	康明斯 Cummins QSB6.7	
	额定功率/转速 Rated output/ Speed	kW/rpm	117/2200	119/2300	117/2200	119/2300
	额定扭矩/转速 Rated torque/ Speed	Nm/rpm	580/1500	730/1500	580/1500	730/1500
	缸数 Cylinder number		6			
排量 Displacement	L	7.127	6.7	7.127	6.7	
变速箱变速档数 (前/后型式) Transmission gear shift (front/rear type)		2/2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	灭火器 Fire extinguisher	花纹耐用轮胎 Durable tire with decorative pattern
标准货叉 Standard fork	液压调距叉 Hydraulic fork positioner	液压油液位计 Hydraulic oil level gauge	倾斜可调转向管柱 Tilt and adjustable steering column
转向指示灯 Steering indicator	电喇叭 Electric horn	四片多路阀 Four-piece control valve	牵引销 Traction pin
后视镜 Back-up mirror	发动机油压报警 Engine oil pressure alarm	倾斜油路自锁阀 Tilt self-lock valve	高排气 High exhaust
前组合灯 Front combination lamp	充电指示 Charging indicator	起升油路限速阀 Flow regulator of lifting oil circuit	制动气压表 Barometer for brake
风扇 Fan	发动机水温表 Water temperature meter of engine	全液压动力转向 Fully-hydraulic powered steering	进气装置 Air inlet device
后组合灯 Rear combination lamp	空挡指示 Neutral indicator	液压回路滤油器 Oil filter of hydraulic oil loop	随车工具 Driver's tool
计时表 Stopwatch	电液换向 Electro-hydraulic changing-over	拉索式停车制动 Cable-type parking brake	
旋转警示灯 Rotary warning lamp	机械式空滤器堵塞报警 Mechanical type air filter obstruction alarm	发动机熄火装置 Flame-out device of engine	
倒车蜂鸣器 Reversing buzzer	驾驶室 Driver's cab	标准座椅 Standard seat	

选用装置和附件 Optional Devices and Accessories		
暖风机 Warm air blower	悬浮座椅 Floating seat	串杆 String rod
空调 Air conditioner	ops行走控制系统 ops service control syste	液力侧移调距叉 (单叉调距) Hydraulic side shift fork positioner (Pitch adjustment of single fork)
普通实心胎 Common solid tyre	用户指定颜色 User designated color	无痕实心胎 No trace solid tyre

HELI
中国合力 提升未来

H SERIE FORKLIFT
CPCD 120-135

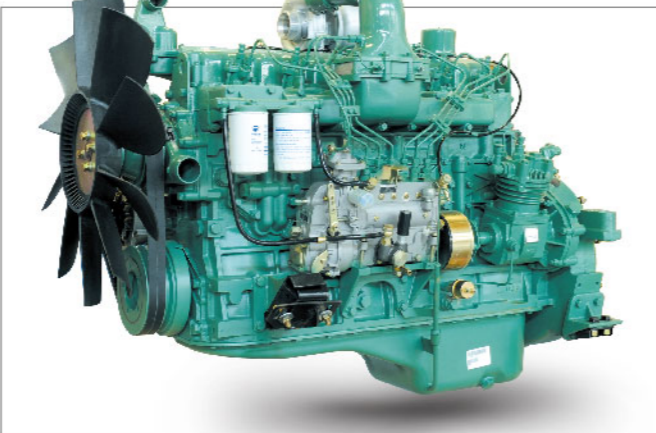


> **宽视野、高强度起重系统 Wide view and High Strength Lifting System**

- ▶ 拥有自主知识产权的宽视野门架与液压调距叉，为操作者提供宽敞的前方视野，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**

- ▶ 美国原装进口康明斯QSB6.7电控柴油发动机，功率大、扭矩大、适合全天候作业；油耗低、噪音低、结构紧凑、动力输出平稳；配件价格低、通用性好，供应及时；排放达欧III标准。
- ▶ The Commins electronic control engine imported from USA with original packaging has turbocharging system with 6 cylinders and its rated power is 119KW. This engine, with great power and torque, is suitable for all weather operations and has advantages of low oil consumption, low noise and stable power take off etc. In addition, it has the advantages of universal fitting parts, low price and timely supply etc. The emission standard reaches standard III.



- ▶ 锡柴CA6110/125ZT-HL20涡轮增压柴油发动机；油耗低、噪音低、结构紧凑、动力输出平稳；应用广泛，售后服务良好，性价比高；排放达国II标准。
- ▶ CA6110/125ZT-HL20 diesel engine of Wuxi Diesel Engine Co. has wide applications in the market. With optimized air distribution system and advanced fuel system, the engine has the advantages of low oil consumption, low noise, compact structure, stable power take off and so on. It also has good after sale service. It has wide applications and high cost performance and the emission standard reaches national standard II.

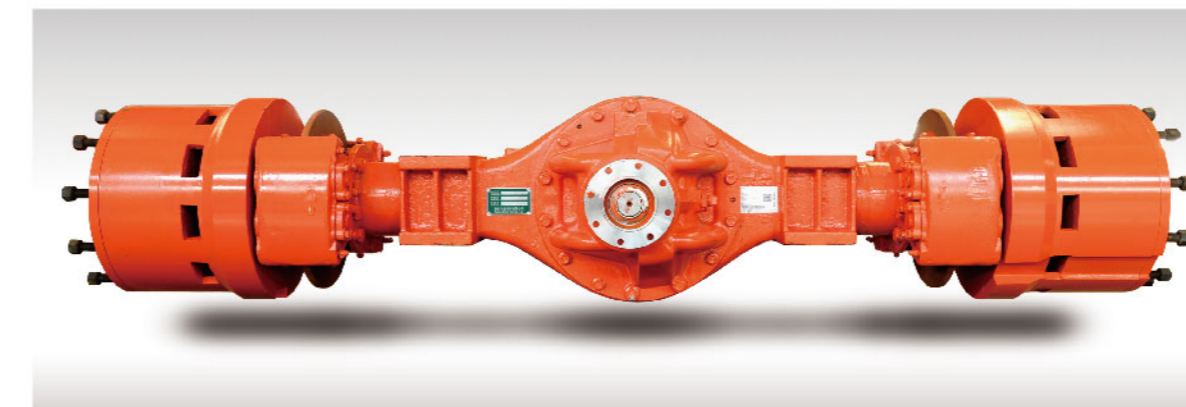
> **变速箱+变矩器 Gearbox & Torque Converter**

- ▶ 具有合力自主知识产权和核心技术的液力换向变速箱、配套340高性能变矩器。该变速箱经过多年的市场验证，噪音低，质量稳定，可靠性高，电液换向控制，操纵省力方便。
- ▶ Hydraulic powered reversing gearbox, with Heli's proprietary intellectual property right and core technology, is equipped with 340 high performance torque converter. After years of market proving, the gearbox has low noise, stable quality, high reliability and easy operation with electric-hydraulic reversing control.



> **驱动桥 Drive Axle**

- ▶ 采用徐州美驰重载叉车专用驱动桥，专门针对叉车工况设计，桥壳强度高，承载能力大，性能可靠，质量稳定。拥有良好的使用性能和性价比。
- ▶ By using Meritor heavy-duty drive axle specially used for forklift, it is designed specially for the special working condition of forklift. The axle housing has high strength, great bearing capacity, reliable performance and stable quality, so it has good service performance and 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**

- ▶ 采用国内知名品牌的液压元件，系统集成优先转向技术，确保液压系统性能优良、稳定可靠。
- ▶ The truck is assembled with domestic famous brand hydraulic elements. Integrated steering priority technology is adopted to ensure the excellent and reliable performance.

