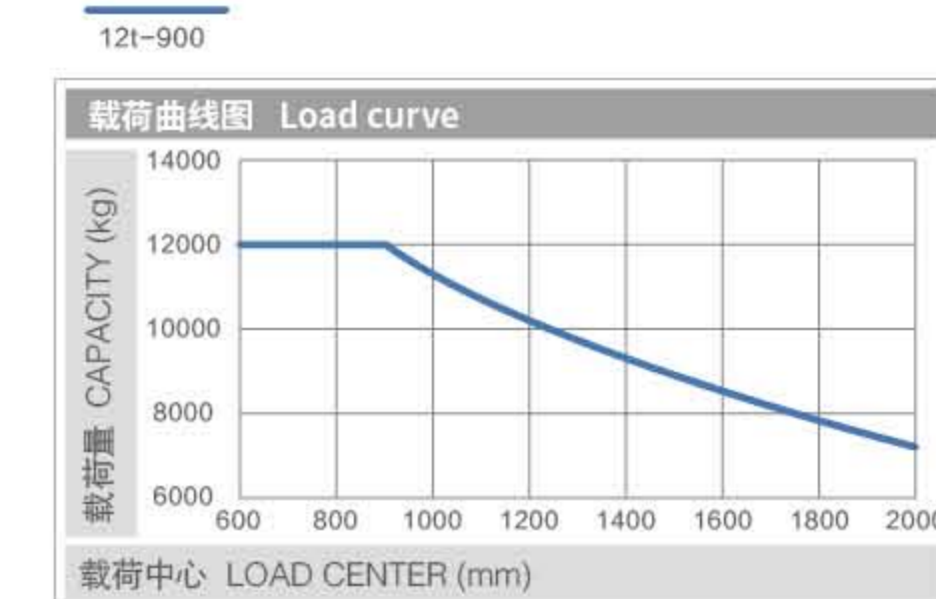


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12-13.5t

G系列内燃平衡重式叉车  
G series 12-13.5t counterbalanced internal  
combustion forklift truck



G 12-13.5t

性能参数 Performance specifications					
型号 Model	单位 Unit	CPCD120- CU1-09 III G	CPCD120- CU3-09 III G	CPCD135- CU1-06 III G	CPCD135- CU3-06 III G
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			
起升速度 (满载) Lifting speed (loaded)	mm/s	410/380			
下降速度 (满载) (Descending speed (loaded)	mm/s	410/450			
最大行驶速度 (满/空载) Max.Travelling speed(loaded/unloaded)	km/h	28/30			
最大爬坡能力 (满/空载) Max. Gradeability(loaded/unloaded)	%	22%			
轮胎 Tire	类型 (前/后) Type(front/rear)	充气胎4/2			
	规格 Size	11.00-20-18PR			
蓄电池电压/容量 Battery voltage/capacity	V/Ah	24/120			
行车制动 Service brake		气顶油钳盘制动	湿式制动	气顶油钳盘制动	湿式制动
停车制动 Parking brake		机械-手动式			
发动机 Engine	发动机生产厂型号 Manufacture Model	Cummins QSB6.7			
	额定功率/转速 Rated output/ Speed	kW/rpm		119/2300	
	最大扭矩/转速 Max. torque/ Speed	Nm/rpm		731/1500	
	缸数 Cylinder number	6			
	排量 Displacement	L		6.69	
变速箱变速档数 (前/后型式) Transmission gear shift ( front/rear type )		2/2 液力换向			

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	倾斜可调转向管柱 Tilt and adjustable steering column
标准货叉 Standard fork	液压调距叉 Hydraulic fork positioner	液压油液位计 Hydraulic oil level gauge	牵引销 Traction pin
转向指示灯 Steering indicator	电喇叭 Electric horn	四片多路阀 Four-piece control valve	高排气 High exhaust
倒车镜 Back-up mirror	发动机机油报警 Engine oil pressure alarm	倾斜油路自锁阀 Tilt self-lock valve	进气装置 Air inlet device
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	随车工具 Driver's tool
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	
后组合灯 Rear combination lamp	空挡指示 Neutral indicator	液路回油滤油器 Oil filter of hydraulic oil loop	
计时表 Stopwatch	电液换向 Electro-hydraulic changing-over	拉索式驻车制动 Cable-type parking brake	
旋转警示灯 Rotary warning lamp	机械式空滤堵塞报警 Mechanical type air filter obstruction alarm	标准座椅 Standard seat	
倒车蜂鸣器 Reversing buzzer	驾驶室 Driver's cab	花纹耐用轮胎 Durable tire with decorative pattern	

选用装置和附件 Optional Devices and Accessories		
暖风机 Warm air blower	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)
空调 Air conditioner	用户指定颜色 User designated color	无痕实心胎 No trace solid tyre
普通实心胎 Common solid tyre	串杆 String rod	

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### 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侧移调距叉，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 fork positioner with side shifting.

### 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 Cummins 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.



### 变速箱+变矩器 Gearbox & Torque Converter

- 液力换向变速箱+340高性能变矩器
- 手自一体智能换挡技术
- 换挡平顺无冲击
- 智能换挡更便捷
- 动力匹配更高效
- 安全可靠噪音低

- Hydraulic powered direction changing transmission box+ 340 high performance torque converter
- Tiptronic intelligent gear shifting technology
- Smooth gear shifting without shock
- Easy gear shifting
- High efficient power matching
- Safe and reliable; low noise



### 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.

### 驱动桥 Drive Axle

- 采用重载叉车专用驱动桥，专门针对叉车特殊工况设计，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。
- CPCD120/135-CU1-09/06 III G车型采用气顶油钳盘制动系统，该系统利用气顶油增压技术，可实现用很小的操纵力提供较大的制动扭矩，制动有效、可靠，多适用于室外作业场合。该制动系统中的液压元件在重型汽车及装载机工程机械领域应用广泛，配件通用性好。
- CPCD120/135-CU3-09/06 III G车型采用湿式制动系统，该系统工作性能稳定，不受外界湿度及粉尘影响，免维护，大大降低维护成本，摩擦片浸在油中冷却，可显著降低工作温度，显著提高制动性能及制动系统寿命，可满足船舶、冶炼工厂以及长时间高强度短距离频繁制动场合，适用范围更广。

- Drive axle special for heavy truck is used. The drive axle has high strength casing, high load capacity, reliable performance, stable quality, good usability and cost performance.
- Air-over-oil disc brake is adopted on CPCD120/135-CU1-09/06 III G. The brake system can achieve large brake torque through little operation force taking advantage of air-over-oil pressure boosting technology. The brake is effective and reliable and it is suitable for work in outdoors. The hydraulic elements in the system is widely used in engineering machinery industry such as heavy vehicle and wheel loader and thus the spare parts has good general using performance.
- Wet type brake is adopted on CPCD120/135-CU3-09/06 III G. The brake system has stable working performance free from the affecting of humidity and dust and is free from maintenance which reduces maintenance cost greatly. The friction discs cools down through soaking in the oil which reduces working temperature greatly, improves brake performance and prolongs brake service life. It is suitable for application requiring frequent brake such as cabin, smelting factory and so on.

钳盘桥 caliper disc axle



湿式桥 wet type brake

