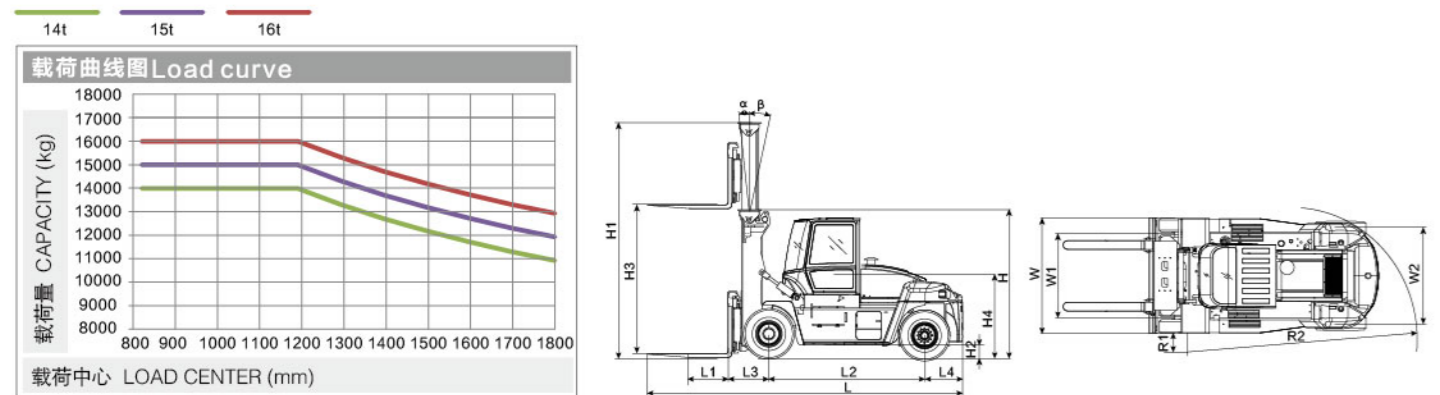




HELI合力

尺寸参数 Size parameters		CPCD140-C1Z-12IIIG	CPCD150-C1Z-12IIIG	CPCD160-C1Z-12IIIG
型号 Model				
总长L Overall length	mm	7975	7975	7975
总宽W Overall width	mm	2600	2600	2600
总高H Overall height	mm	3340	3340	3340
载荷中心距L1 Load center distance	mm	1200	1200	1200
轴距L2 Wheelbase	mm	3750	3750	3750
最小离地间隙H2 Minimum underground clearance	mm	275	275	275
座椅高度H4 Seat height	mm	1985	1985	1985
外转弯半径R2 Turning radius(outside)	mm	5100	5100	5100
前轮距W1 Front track	mm	1895	1895	1895
后轮距W2 Rear track	mm	2120	2120	2120
门架高度(收缩/伸出H1) Mast height (retracted/extended)	mm	3340/4840	3340/4840	3340/4840
门架起升距离H3 Mast tilting height	mm	3000	3000	3000
门架倾角(前倾α/后倾β) Mast tilting angle (forward/backward)	deg	6/12	6/12	6/12
货叉尺寸(长×宽×厚) Fork dimension (length*width*thickness)	mm	2440x200x100	2440x200x100	2440x200x100
货叉调节范围 Fork adjusting range	mm	610-2150	610-2150	610-2150



门架类型 Mast name	最大起升高度 Max.fork Height (mm)	承载能力(载荷中心1200mm) Loading capacity(load center1200mm)(kg)			门架全高 Overall height (mm)	倾角(前/后) Tilt angle (F/B)	备注 Remarks
		CPCD140	CPCD150	CPCD160			
M300	3000	14000	15000	16000	3340	6° /12°	标准型 standard equipment
M350	3500	14000	15000	16000	3590	6° /12°	
M400	4000	14000	15000	16000	3840	6° /12°	
M450	4500	14000	15000	16000	4090	6° /12°	
M500	5000	14000	15000	16000	4340	6° /10°	
M550	5500	13000	14000	15000	4590	3° /6°	
M600	6000	12000	13000	14000	4840	3° /6°	
M650	6500	11000	12000	13000	5090	3° /6°	



便捷高效的点检维护 Easy and high efficient daily inspection

- 驾驶室电动倾翻系统**
自动倾翻系统使得内部维护方便快捷, 电动辅助液压驱动倾翻油缸使驾驶室向右侧倾翻大约60°, 易于维修保养。
- 大角度掀翻机罩**
敞开式发动机机罩, 保证快速高效的维护, 通过自锁式气弹簧安全便捷打开机罩。
- Cab electric tilting system**
Automatic tilting system facilitates interior maintenance; Hydraulic drives tilting cylinder with electric assistance making cab tilt 60° right ward which makes maintenance easy.
- Engine hood with large opening angle**
Open type engine hood which can be open through self-lock spring ensures easy and high efficient maintenance.

- 合力产品不断更新和改进中, 合力保留在没有任何事先告知用户的情况下, 更改整体参数及设计的权利。Our products are constantly updated and improved. Parameters and design are subject to change without prior notice.
- 文中插图不一定是该机型的标准款, 插图中产品配置和外观颜色与实际机型存在差异, 以实物为准。The configuration and color of the products in figures may be different from the actual delivered model. Please in kind prevails.



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HELI合力



14-16t
CPCD140-160

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

G 14-16t

性能参数 Performance specifications				
Model	单位 Unit	CPCD140-C1Z-12IIIG	CPCD150-C1Z-12IIIG	CPCD160-C1Z-12IIIG
Rated capacity	kg	14000	15000	16000
Load center	mm	1200		
Power type		柴油 Diesel engine		
Lifting speed (unloaded/loaded)	mm/s	370/400		
(Descenting speed unloaded/loaded)	mm/s	400/400		
Max.Travelling speed(loaded/unloaded)	km/h	26/29		
Max. Gradeability(loaded/unloaded)	%	28/22		
轮胎 Tire	Type(front/rear)	充气胎4/2 Pneumatic tire		
	Size	12.00-20-20PR/12.00-20-20PR		
Battery voltage/capacity	V/Ah	24/180		
Service brake		湿式制动 Wet braking		
发动机 Engine	Manufacture Model	QSB6.7		
	Rated output/ Speed	kW/rpm	142/2300	
	Max. torque/ Speed	Nm/rpm	925/1500	
	Cylinder number		6	
	Displacement	L	6.7	
Transmission gear shift (front/rear type)		3/3 液力换向 Hydraulic reversing		



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设计日期: 20200330



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

- Cummins QSB6.7 发动机 Cummins QSB6.7 engine
强劲、可靠、经济，是这款六缸四冲程涡轮增压发动机所具备的特性，它满足国Ⅲ排放标准，环保节能。
Six cylinder four stroke turbocharged engine which is powerful, reliable, and economic and meets China III is assembled on the truck.



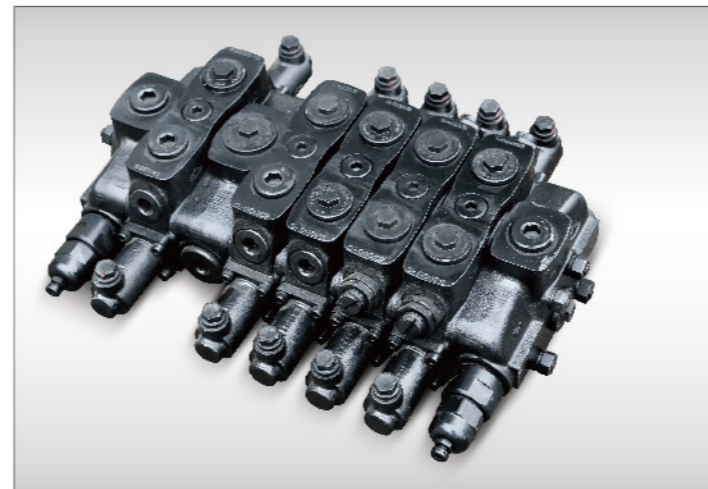
变速箱 Gearbox

- ZF 变速箱 ZF transmission box
平顺的换挡节奏，无冲击；
智能的换挡模式，更便捷；
高效的动力匹配，更节能。
Smooth gear shifting without shock.
Intelligent gear shifting mode is easier.
High efficient power match is more energy saving.



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衡。
- 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.



液压制动系统 Hydraulic brake system

- 采用进口的液压元件，远程先导控制，具有高可靠性，高舒适性，提高车辆工作效率。
- It uses imported advanced hydraulic parts and remote piloted control. It is highly reliable and comfortable, improving work efficiency.

湿式驱动桥 Wet type drive axle

- 免维护
特殊的结构设计和制动原理，防尘防水，为您节约维护成本。
- 制动安全可靠
满足长时间高强度短距离频繁制动作业需求。
- Maintenance free
Specially designed structure and brake principle provides anti-dust and anti-water function and saves your maintenance cost.
- Safe and reliable brake
Working requirements such as Long time, high duty, short distance or frequent brake can be satisfied.



整车配置 Vehicle configuration					
01	叉车型号 Truck model	CPCD140-C1Z-09IIIIG	CPCD150-C1Z-09IIIIG	CPCD160-C1Z-09IIIIG	
02	发动机 Engine	品牌 Brand	CUMMINS	CUMMINS	CUMMINS
		型号 Model	QSB6.7	QSB6.7	QSB6.7
		额定功率 (kW/rpm) Rated power (kw/rpm)	142/2300	142/2300	142/2300
		最大扭矩 (Nm/rpm) Rated torque (nm/rpm)	930/1500	930/1500	930/1500
		排放标准 Emission standard	EU Stage III	EU Stage III	EU Stage III
03	变速箱 Transmission	型号 Model	ZF171	ZF171	ZF171
04	驱动桥 Drive axle	型号 Model	Kessler	Kessler	Kessler
05	轮胎 Tire	尺寸 Size	12.00-20	12.00-20	12.00-20
		倒车雷达 Backward radar	●	●	●
06	辅助性配置 Auxiliary configuration	倒车影像 Backward image	●	●	●
		称重系统 Weighting system	○	○	○
		整车ops Ops for the whole truck	○	○	○
		门架ops Ops for mast	○	○	○
		定量系统 Consistent rate system	/	/	/
07	液压系统 Hydraulic system	变量系统 Variable system	●	●	●
		空调选项 Air conditioner	●	●	●
08	轮胎选项 Tyre	全充气胎 Pneumatic tyre	●	●	●
		全实心胎 Solid tyre	○	○	○
		前实心后充气 Solid tyre (front), pneumatic tyre (rear)	○	○	○
09	驾驶室 Cab	前充气后实心 Pneumatic tyre (front), solid tyre (rear)	○	○	○
		倾翻驾驶室 Tilting cab	●	●	●

●-标配项 ○-选配项 /-非配项
●-Standard item ○-Optional item /-Not used

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)
- Vehicle positioning
• Remote diagnosis
• Remote monitoring
• Maintenance reminder
• Battery management
• Statistical form
• Vehicle management
• Identification recognition (optional)
• Weight management (optional)

