

HELI
中国合力 提升未来

FORKLIFT

内燃平衡重式叉车
BALANCE WEIGHT TYPE FORKLIFT

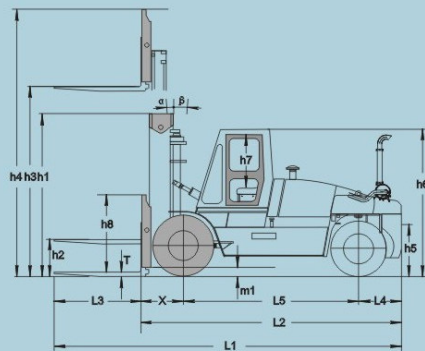
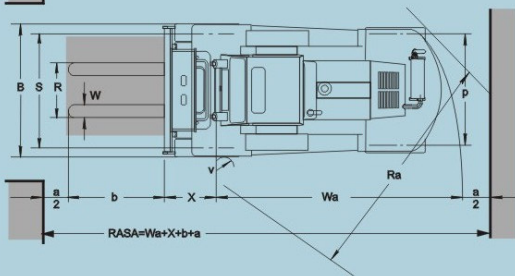
CPCD140-460



安徽合力股份有限公司
ANHUI HELI CO., LTD.



RASA:直角堆垛通道宽度 Right-Angle Store Aisle
a:间隙Clearance
b:载荷长度Length of load



CPCD140-160基本型门架 WIDE VIEW MAST

门架类型 Mast name	最大起升高度 Max.fork Height (mm)	门架全高 Overall height (mm)	起重量 Capacity (kg)			倾角(前/后) Tilt angle (F/B)	备注 Remarks
			CPCD140	CPCD160	CPCD160(1200)		
M300	3000	3340	14000	16000	16000	6° /12°	标准型 standard equipment
M350	3500	3590	14000	16000	16000	6° /12°	
M400	4000	3840	14000	16000	16000	6° /12°	
M450	4500	4090	14000	16000	16000	6° /12°	
M500	5000	4390	14000	16000	16000	6° /16°	
M550	5500	4640	13000	15000	15000	3° /16°	
M600	6000	4940	12000	14000	14000	3° /16°	
M650	6500	5190	11000	13000	13000	3° /16°	

CPCD200-CPCD250基本型门架 WIDE VIEW MAST

门架类型 Mast name	最大起升高度 Max.fork Height (mm)	门架全高 Overall height (mm)	倾角(前/后) Tilt angle (F/B)	备注 Remarks
M400	4000	3995	6° /10°	标准型 standard equipment
M450	4500	4245	6° /10°	
M500	5000	4495	6° /10°	
M550	5500	4745	6° /10°	
M600	6000	4995	6° /10°	
M650	6500	5245	6° /10°	
M700	7000	5495	6° /10°	
M750	7500	5745	6° /10°	
M800	8000	5995	6° /10°	

CPCD280-CPCD320基本型门架 WIDE VIEW MAST

门架类型 Mast name	最大起升高度 Max.fork Height (mm)	门架全高 Overall height (mm)	倾角(前/后) Tilt angle (F/B)	备注 Remarks
M400	4000	4120	6° /10°	标准型 standard equipment
M450	4500	4370	6° /10°	
M500	5000	4620	6° /10°	
M550	5500	4870	6° /10°	
M600	6000	5120	6° /10°	
M650	6500	5370	6° /10°	
M700	7000	5620	6° /10°	
M750	7500	5870	6° /10°	
M800	8000	6120	6° /10°	

CPCD420-CPCD460基本型门架 WIDE VIEW MAST

门架类型 Mast name	最大起升高度 Max.fork Height (mm)	门架全高 Overall height (mm)	倾角(前/后) Tilt angle (F/B)	备注 Remarks
M400	4000	4830	6° /10°	标准型 standard equipment
M450	4500	5080	6° /10°	
M500	5000	5330	6° /10°	
M550	5500	5580	6° /10°	
M600	6000	5830	6° /10°	
M650	6500	6080	6° /10°	
M700	7000	6330	6° /10°	
M750	7500	6580	6° /10°	
M800	8000	6830	6° /10°	

注: 门架可选配二级全自由门架
Note: Duplex full free mast is optional

SPECIFICATIONS

型号 Model	CPCD140-Cu3	CPCD150-Cu3	CPCD160-Cu3	CPCD160-Cu4	CPCD180-Cu2	CPCD200-VZ-12 II (CPCD200-VZ-12III)	CPCD250-VZ-12 II (CPCD250-VZ-12III)	CPCD280-Vo (CPCD280H-Vo)	CPCD300-Vo (CPCD300H-Vo)	CPCD320-Vo (CPCD320H-Vo)	CPCD420-VD-12 III CPCD160-VD-12 III
h4货叉起升时高度 Overall Height Fork Raised		4840			5840	5995		6120			6830
h3标准起升高度 Lifting Height		3000			4000	4000		4000			4000
h1货叉落地时全高(门架垂直) Overall Height Fork Lowered(Upright)		3340			3840	3995		4120			4830
T货叉厚度 Fork Thickness		90				110		112			145
L1全长(含货叉) Overall Length(with Forks)		7410			8380	8782		9200			10370
L3货叉长度 Fork Length		1820					2440				
L5轴距 Wheel Base		3650			4000	4250		4650			5500
h6全高(驾驶室) Overall Height(Cab)			3260			3875		3930			4220
B全宽 Overall Width			2560			3040		3460			4120
R货叉调节范围(货叉外侧) Lateral Fork Adjustment(Outside of Fork)			900-2150			820-2700		920-2850			1250-2850
最大侧移量(mm) Max Side Shift Distance			±312.5			±470		±482.5			±400
W货叉宽度 Fork Width					250			300			300
Wa最小转弯半径 Min.Turning Radius		4970			5600	5920		6395			7518

SPECIFICATIONS

型号 Model	CPCD140-Cu3	CPCD150-Cu3	CPCD160-Cu3	CPCD160-Cu4	CPCD180-Cu2	CPCD200-VZ-12 II (CPCD200-VZ-12III)	CPCD250-VZ-12 II (CPCD250-VZ-12III)	CPCD280-Vo (CPCD280H-Vo)	CPCD300-Vo (CPCD300H-Vo)	CPCD320-Vo (CPCD320H-Vo)	CPCD420-VD-12 III CPCD160-VD-12 III	
额定起重量 Load Capacity	Kg	14000	15000	16000	18000	20000	25000	28000	30000	32000	42000	46000
载荷中心距 Load Center	mm	900					1200					
动力形式 Power Type		柴油 Diesel oil										
车轮(前/后) x=驱动轮 Wheel (Front/rear) X=Driving Wheel		4X/2										
轮胎(前/后) Tire(Front/Rear)		12.00-24-20PR/12.00-20-20PR					14.00-24-28PR/14.00-24-28PR		16.00-25-32PR/16.00-25-32PR		18.00-25-40PR/18.00-25-40PR	
发动机型号 Internal Combustion Engine		Cummins QSB6.7					VOLVO TAD721VE (VOLVO TAD750VE)				VOLVO TAD952VE	
发动机形式 Internal Combustion Engine Number of Cylinder		6-102X120					6-108X130 (6-108X130)				6-120X138	
发动机额定功率/额定转速 Internal Combustion Engine Rate Horsepower	kw/rpm	142/2400					195/2300(181/2300)				252/1900	
发动机额定扭矩/转速 Internal Combustion Engine Rate Torque	Nm/rpm	930/1500					900/1400(1050/1500)				1700/1300	
排放标准 EPA Standards		欧III EPAIII					欧II EPA II (欧III EPAIII)				欧III EPAIII	
变速箱挡数(前/后) Transmission Number of Speed (Fwd/Rvs)		3/3					3/3				4/4	

注：括号内车型与发动机一一对应
Note: The forklift types are matchable with engines



后视镜系统
(选配件)

CPCD140-180型叉车优点

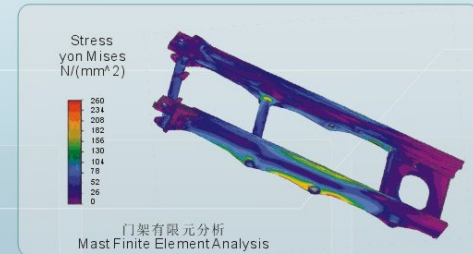
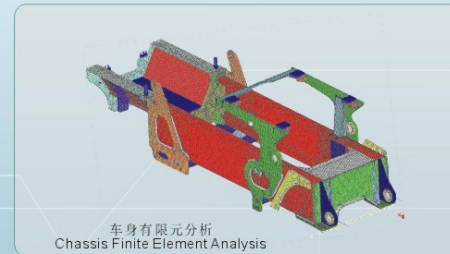
- ① 发动机选用符合欧美非公路机动设备环保排放标准的Cummins柴油机。发动机的附件为专用件，保证发动机的正常使用与维护。
- ② 变速箱选用德国ZF公司的变速箱。该变速箱采用多种控制程序集成于一体控制部件，能轻易实现各种控制操纵，并带有故障诊断仪，大大简化了维护与保养。
- ③ 驱动桥选用德国Kessler公司的驱动桥。该桥桥荷、制动扭矩大，安全可靠；制动器为多片式湿式制动器，防尘防水性好，免维护。
- ④ 液压系统主要选用德国力士乐公司的产品，整个系统采用全液压负荷传感变量泵系统，从而实现液压系统的无级供油，系统无溢流损失，系统效率高，实现了节能，降低了油温。
- ⑤ 多路阀为带有优先转向的先导控制的多路换向阀，操纵手柄与多路阀分开，可实现远距离控制，操纵轻便省力舒适，安全性能好，减轻司机的操作疲劳强度。

CPCD200-320型叉车优点

- ① 发动机选用符合欧美非公路机动设备环保排放标准的VOLVO柴油机。发动机的附件为专用件，保证发动机的正常使用与维护。
- ② 变速箱选用德国ZF公司的变速箱。该变速箱采用多种控制程序集成于一体控制部件，能轻易实现各种控制操纵，并带有故障诊断仪，大大简化了维护与保养。
- ③ 驱动桥选用德国KESSLER公司的驱动桥。该桥桥荷与制动扭矩大，安全可靠；制动器为多片全封闭式湿式制动器，防尘防水性好，免维护。
- ④ 液压系统的主要部件选用PARKER的产品。多路阀为带有优先转向的先导控制的多路换向阀，操纵手柄与多路阀分开，可实现远距离控制，操纵轻便省力舒适，安全性能好，减轻司机的操纵疲劳强度。
- ⑤ 门架坚固耐用，复合式侧移调距叉，无需另配侧移器。

CPCD420-460型叉车优点

- ① 发动机选用符合欧美非公路机动设备环保排放标准的VOLVO柴油机。发动机的附件为专用件，保证发动机的正常使用与维护。
- ② 变速箱选用DANA公司的变速箱。该变速箱采用多种控制程序集成于一体控制部件，能轻易实现各种控制操纵，并带有故障诊断仪，大大简化了维护与保养。
- ③ 驱动桥选用德国KESSLER公司的驱动桥。该桥桥荷与制动扭矩大，安全可靠；制动器为多片全封闭式湿式制动器，防尘防水性好，免维护。
- ④ 液压系统的主要部件选用PARKER的产品。整个系统采用全液压负荷传感变量系统，从而实现液压系统的无级供油，系统无溢流损失，系统效率高，实现了节能，降低了油温。
- ⑤ 门架坚固耐用，复合式侧移调距叉，无需另配侧移器。



CPCD140-180 FORKLIFT'S Advantage

- ① Cummins Diesel engine, comply to EPA standards on None-road application, with genuine attached parts to guarantee the normal use and maintenance.
- ② ZF Transmission system. This transmission system integrated various control software in one controller, easy to handle. It can also be diagnosed easily with the diagnostic machine interface.
- ③ Kessler Front Axle. This Axle has high load capacity and brake torque to be safe and reliable enough. Wet type brake is water-resistant and dust-resistant and maintenance free.
- ④ Rexroth Main Hydraulic system. Using hydraulic oil pressure feedback various pump system to realize the continuous oil supplying and reduce the overflow losses and increase the efficiency to save the energy and reduce the oil temperature.
- ⑤ Using prior-steering strategy Pre-open valve on Multi-control Valve to separate the operation level and control valve to realize remote control. It can be operated with comfort and safety and release the tension of the driver.

CPCD200-320 FORKLIFT'S Advantage

- ① VOLVO Diesel engine, comply to EPA standards on None-road application, with genuine attached parts to guarantee the normal use and maintenance.
- ② ZF Transmission system. This transmission system integrated various control software in one controller, easy to handle. It can also be diagnosed easily with the diagnostic machine Interface.
- ③ Kessler Front Axle. This Axle has high load capacity and brake torque to be safe and reliable enough. Wet type brake is water-resistant and dust-resistant and maintenance free.
- ④ Parker Main Hydraulic system. Using prior-steering strategy Pre-open valve on Multi-control Valve to separate the operation level and control valve to realize remote control. It can be operated with comfort and safety and release the tension of the driver.
- ⑤ The mast is very strong and durable, and with integral side-shifting fork positioner. It's unnecessary to fit additional side shift.

CPCD420-460 FORKLIFT'S Advantage

- ① VOLVO Diesel engine, comply to EPA standards on None-road application, with genuine attached parts to guarantee the normal use and maintenance.
- ② DANA Transmission system. This transmission system integrated various control software in one controller, easy to handle. It can also be diagnosed easily with the diagnostic machine interface.
- ③ Kessler Front Axle. This Axle has high load capacity and brake torque to be safe and reliable enough. Wet type brake is water-resistant and dust-resistant and maintenance free.
- ④ Parker Main Hydraulic system. Using hydraulic oil pressure feedback various pump system to realize the continuous oil supplying and reduce the overflow losses and increase the efficiency to save the energy and reduce the oil temperature.
- ⑤ The mast is very strong and durable, and with integral side-shifting fork positioner. It's unnecessary to fit additional side shift.



● 标准配置

- | | | | |
|---------|-------------|------------|---------|
| ● 前大灯 | ● 先导手柄 | ● 宽视野门架 | ● 驾驶室 |
| ● 前组合灯 | ● 充电指示 | ● 多路阀 | ● 空调 |
| ● 小时表 | ● 油压报警 | ● 侧移调距叉 | ● 倒车镜 |
| ● 水温表 | ● 预热指示 | ● 标准货叉 | ● 牵引销 |
| ● 燃油表 | ● 发动机自动预热系统 | ● 起升油路限速阀 | ● 空气滤清器 |
| ● 电喇叭 | ● 发动机钥匙熄火 | ● 全液压动力转向 | ● 随车工具 |
| ● 倒车蜂鸣器 | ● 液位镜 | ● 倾斜油路自锁阀 | |
| ● 灯护架 | ● 变矩器油标尺 | ● 倾斜可调转向管柱 | |

● STANDARD DISTRIBUTION

- | | | | |
|---------------------------|---------------------------------|-----------------------------------|-------------------|
| ● Head Light | ● Pilot Valve Handle | ● Wideview Mast | ● Cab |
| ● Front Combination Light | ● Charge Indicator | ● Control Valve | ● Air Conditioner |
| ● Hour Gauge | ● Engine Oil Pressure Indicator | ● Side-shifting Fork Positioner | ● Rearview mirror |
| ● Water Temperature Gauge | ● Preheating Indicator | ● Standard Forks | ● Draw Pin |
| ● Fuel Gauge | ● Engine Glow Plug System | ● Lifting Hydraulic Regulator | ● Air Cleaner |
| ● Horn | ● Engine Key Flameout | ● Hydraulic Power Steering | ● Tools |
| ● Back-up Alarm | ● Hydraulic Oil Level Mirror | ● Tilting Lock Valve | |
| ● Light Bracket | ● Torque Converter Dipstick | ● Steering Column Tilt Adjustment | |

● 选用装置和附件

- 实心轮胎
- 后视系统
- 用户指定颜色

● Optional device

- Solid Tire
- Backsight system
- Customer referred color

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HELI products specification and design are subject to improvement and change without notice.