



6/8/10t

H2000系列内燃平衡重式叉车

H2000 series Internal Combustion Counterbalanced Forklift Truck

进箱叉车 Enter Into Container Forklift Truck



可选全自由门架 FULL FREE 2-STAGE MAST FOR OPTION

吨位 Forklift tonnage	门架型号 Mast model	承载能力(kg) Load capacity(kg)	门架高度(货叉落地)(mm) Mast height(lowered)(mm)	自由起升(无挡货架/带挡货架)(mm) Free lift (without/with backrest)(mm)	整车自重(kg) Service weight	门架倾角(前/后) Tilting angle(°)
6t	ZM200	6000	1950	980/780	8950	6°/12°
	ZM250		2200	1230/1030	9140	
8t	ZM200	8000	1950	980/780	10090	
	ZM250		2200	1230/1030	10280	
10t	ZM210	10000	2190	1100(无挡货架) (Without backrest)	10850	

可选配的叉车发动机型号及主要技术参数 ENGINE MODEL AND MAIN SPECIFICATION FOR OPTION

发动机型号 IC engine model	额定功率/转速 (kW/rpm) Rated power/Speed	最大扭矩/转速 (Nm/rpm) Max.torque/Speed	发动机排量(L) Engine displacement(L)	发动机缸数 Engine cylinder number	可选配叉车型号 Optional forklift model	排放法规 Emission
全柴Quanchai 4J1-115C32	85/2200	500/1600	4.3	4	CPCD60/80-QC3	国III China StageIII
全柴Quanchai 6J1-130C31	95.6/2200	540/1800	6.5	6	CPCD100-QC3	国III China StageIII
康明斯CUMMINS QSF3.8	86/2200	470/1100-1700	3.8	4	CPCD60/80/100-CU5	国III China StageIII

合力产品范围: 1-46吨内燃叉车; 0.6-18吨电动叉车; 前移式叉车、托盘车、堆垛车等仓储类产品;
AGV智能搬运车辆及系统解决方案; 正面吊、堆高机、牵引车、防爆叉车、越野叉车、装载机等多多样化产品。



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技术参数 Manufacturer's Data and Design Characteristics

1	型号 Model			CPCD60	CPCD80	CPCD100
2	额定起重量 Rated capacity	kg		6000	8000	10000
3	载荷中心距 Load center	mm		600	600	600
4	H最大起升高度 Max.lifting height	H mm		2400	2000	2000
5	自由起升高度(不含挡货架) Free lifting height(without backrest)	mm		200	200	220
6	α/β 门架倾角 Mast tilting angle	α/β °		6/12	6/12	6/12
7	最大起升速度 满载/空载 Max.lifting speed (with/without load)	mm/s		490/520	485/520	330/370
8	最大行驶速度 满载/空载 Max.travelling speed (with/without load)	km/h		24/26	24/26	25/29
9	最大爬坡度(满载) Max.gradeability(loaded)	%		33	25	22
10	最大牵引力(满载) Max.drawbar pull(loaded)	kN		60	70	62
11	L1轴距 Wheel base	L1 mm		2250	2250	2800
12	W3/W2轮距 前/后 Tread(front/rear)	W3/W2 mm		1442/1500	1442/1500	1422/1500
13	L2/L3悬距 前/后 Overhang (front/rear)	L2/L3 mm		595/715	625/855	670/840
14	L全长(含1220货叉) Over length (with 1220mm fork)	L mm		4780	4960	5530
15	W1/W4全宽 前/后 Over width (front/rear)	W1/W4 mm		1945/1750	1945/1750	1945/1770
16	H4全高(护顶架) Overall height (overhead guard)	H4 mm		2230	2230	2230
17	H6座椅至护顶架内面高度 Overhead guard clearance (from face of seat)	H6 mm		1000	1000	1000
18	最小转弯半径 Min.turning radius	mm		3280	3400	4000
19	最小离地间隙(驱动桥) Min.ground clearance under axle	mm		130	130	267
20	叉车自重 Service weight			8990	9980	10900
21	轮胎规格(前) Front tyre type			4-250-15实心胎 Solid	4-250-15实心胎 Solid	4-8.25-20-14PR
22	轮胎规格(后) Rear tyre type			2-250-15-16PR	2-250-15-16PR	2-9.00-16-14PR
23	发动机型式 IC engine model			全柴Quanchai 4J1-115C32		全柴Quanchai 6J1-130C31
24	额定功率/转速 Rated power/speed	kW/rpm		85/2200		95.6/2200
25	最大扭矩/转速 Max.torque/speed	N.m/rpm		500/1600		540/1800

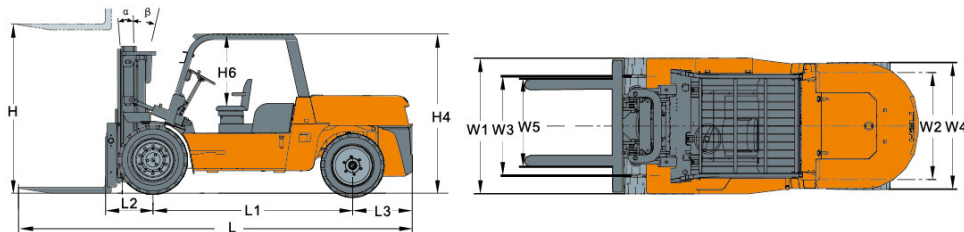


合力6T/8T/10T进箱叉车是专门为需要在集装箱内作业而全新开发的系列化产品,也可用于净空间高度有限(如船舱内)等特殊作业场合内进行货物的装卸与搬运。

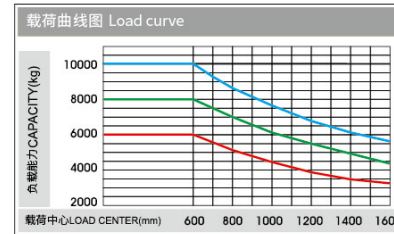
HELI newly developed 6ton/8ton/10ton the container inner operation forklift truck is designed specially for people to handle cargos in containers. The product also can be used in height limit space (e.g. cabin of vessel) to load/unload cargos too.

6T/8T/10T进箱叉车显著优势 6T/8T/10T Advantages

- > 整车高度低,适用于进箱作业;窄车身,增强集装箱内作业的机动性;
- > 操纵舒适性好,优化设计达到座椅净空间高度满足国家标准要求 (GB/T 5143-2008);
- > 仪表架前板高度相对降低,增大驾驶员视野;
- > 特殊设计的加大散热器,散热性能优越,在通风不畅的集装箱或船舱内作业时能保证整车正常工作;
- > 全液压力制动,制动操纵力小,安全可靠;
- > 电液换向操纵,操纵轻便;
- > 转向桥带有缓冲装置,减震性能好;
- > 标准配置两节基本型门架,可选配两节全自由门架和侧移器;
- > Low height of truck is suitable for container working; narrow truck body enhance truck maneuverability.
- > The truck is comfortable for operation and seat space satisfy the requirements of GB/T5143-2018.
- > Low dashboard height improves operator's view effectively.
- > New design of radiator with superior cooling performance satisfies the requirements of working in container, cabin and places with poor ventilation.
- > Full hydraulic power brake needs small operation force and it is safe and reliable.
- > Electro-hydraulic directional control is convenient for operation.
- > Steering axle with buffer device ensures good damping effect.
- > 2-stage mast is standard and full-free 2-stage mast and side shifter are optional.



CPCD60 CPCD80 CPCD100



注:
竖轴表示承载量,横轴表示载荷中心。载荷中心是从货叉正面计算起,标准载荷的基点是指负荷边长为1000毫米的立方体中心位置。当门架前倾,使用非标准货叉或装载超过正常宽度的负荷时,将会使承载量减少。通过负荷曲线图,能及时地了解各种载荷中心时的承载能力。

Notice:
Vertical axle stands for load capacity while horizontal axle stands for load center. Load center is the distance counted from the front of the fork. The base point of the standard load is the center point of the cubic with the same 1000mm dimension in length, width and height. The load capacity should be down, if mast tilts forward, using non-standard forks or loading goods with extra width. Please notice the different load capacity between different load centers according to load chart.