

HELI

可靠的专用仪表 Reliable special designed instrument



标准配置 Standard configuration

计时表
Hour meter
喇叭
Horn
机油压力报警
Oil pressure alarm
二片多路阀
Control valve
全液压动力转向
Wholly hydraulic-powered steering
橡胶脚踏板
Rubber pad
挡泥板
Backrest
倒车镜
Rear view mirror
组合灯 (LED信号灯)
Front combined lamp (led light)
燃油滤清器
Transmission oil filter
全时进气滤清器
Air intake device
熄火式停车制动阀
Ratchet type parking brake
水温表
Water temperature meter
倒车工具
Driver's tool
组合灯 (LED)
Rear combined lamp(led)

选装配置 Optional

防护架
Overhead guard
标准货叉
Standard fork
空档开关
Neutral gear switch
液压油路滤清器
Hydraulic circuit oil filter
电液转向
Electro-hydraulic steering
智能换挡
Intelligent shift
限速阀
Speed limiting valve
倒车镜
Rear view mirror
充电指示
Charging indicator
燃油滤清器
Fuel filter
宽视野后视镜
Wide view mirror
空气净化装置
Air purifying device
熄火式停车制动阀
Ratchet type parking brake
熄火式和脚踏板
Extinguisher and foot pedal
牵引钩
Traction pin
半悬挂座椅
Semi-suspension seat
遥控油门
Remote control throttle
液压油路尺
Hydraulic circuit oil dipstick
防护架的罩盖
Overhead guard rain cover
变矩器油尺
Torque converter oil dipstick
转向油尺
Steering oil dipstick
组合仪表
Combined instrument

* 本公司保留改善产品设计规格的权利，恕不另行通知。
* Our products are subject to improvements and changes without notice.

设计日期: 2014.03

HELI
LIFTING THE FUTURE

连续23年叉车产量中国第一
TOP FORKTRUCK MANUFACTURER AND SALES IN CHINA FOR CONSECUTIVE 23 YEARS

5-10 t G系列 内燃平衡重式叉车 G SERIES INTERNAL COMBUSTION COUNTERBALANCED FORKLIFT TRUCK



G系列内燃平衡重式叉车 G SERIES INTERNAL COMBUSTION COUNTERBALANCED FORKLIFT TRUCK

5-10 t

八大技术特性显著提升 technical features remarkably improved

减震 Damping

- ▶ 护顶架（驾驶室）全悬浮式减震设计和动力系统震动传递的优化设计：降低整车的震动，减轻驾驶员疲劳度。
- ▶ Suspension damping structure of the overhead guard (cab) and optimized vibration transmission of the power system reduce whole truck vibration and driver's fatigue.

降噪 Noise reduction

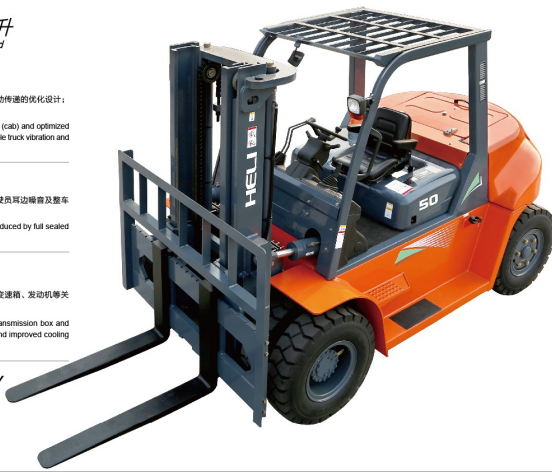
- ▶ 全密封驾驶室与发动机周边附件优化设计，降低驾驶员耳边噪音及整车声功率级；
- ▶ Noise around ear and truck sound power level are reduced by full sealed cab and optimal design of the parts around engine.

散热 Heat dissipation

- ▶ 散热系统合理化，冷却性能大幅提升，从而提高变速箱、发动机等关键零部件的可靠性、耐久性；
- ▶ The reliability and durability of key parts such as transmission box and engine are improved by optimized cooling system and improved cooling performance.

节能降耗 Energy efficiency

- ▶ 采用优化设计的液压系统，匹配节能高效，有效降低整车的燃油消耗；
- ▶ Optimized hydraulic system has high efficiency and effectively reduces fuel consumption.



G series / 智能·环保 INTELLIGENT
ENVIRONMENT-FRIENDLY

舒适性 Comfort

- ▶ 融入交互式人机工程设计，提升操作舒适性；配备宽视野起重系统，改善视野；
- ▶ Man-machine engineering design improves operation comfort; wide view lifting system improves vision.

智能换挡 Intelligent gear shifting

- ▶ 整车标配电液换挡系统，操作省力、方便；升级全新智能换挡系统，防止二档起步，提高变速箱的工作可靠性；
- ▶ Standard configuration of electric-hydraulic reversing system has light and easy operation; updated new intelligent gear shifting system avoiding start with second gear improves transmission box's reliability.

维护性 Maintainability

- ▶ 车体内部空间更宽敞，零部件位置布置更合理，机罩开启角度增大至80°，整机维修性更佳；
- ▶ Wider internal space, more reasonable parts layout and 80°hood opening angle make maintenance easy

可靠性 Reliability

- ▶ 车架、门架等核心结构件采用CAE正向设计，使其强度大幅提升，整车更坚固；
- ▶ Key parts like frame and mast apply CAE top-down design to improve their strength and make the truck tough.



独立集成电柜
Independent integrated electric cabinet



标配LED信号灯
LED signal (standard configuration)



棘轮式停车制动
Ratchet type parking brake



智能换挡
Intelligent gear shifting



方向盘锁死机构
Steering wheel lock mechanism



燃油箱盖带锁
Fuel tank cover with lock



叉杆叉
Fork



内置式暖风机 (选配)
Built-in heater (optional)



制造商和技术参数 Manufacturer and technical parameters

特性 Characteristics			HELI 杭叉																																
1.01	制造商	Manufacturer																																	
1.02	型号	Model																																	
1.03	动力类型	Power type																																	
1.04	额定起重能力	Rated capacity	Q	kg	mm	5000	6000	7000	8500	10000	5000	6000	7000	8500	10000	5000	6000	7000	8500	10000	5000	6000	7000	8500	10000										
1.05	额定中心距	Load center	C	mm		后桥方式 Sit-on type										后桥方式 Sit-on type										后桥方式 Sit-on type									
1.06	驱动方式	Driving mode																																	
2.01	最大起升高度 (带护顶架)	Overall max. lifting height (with backrest)	H2	mm		4400	4400	4400	4420	4503	4400	4400	4400	4420	4503	4400	4400	4400	4420	4503	4400	4400	4400	4400	4400										
2.02	最大起升速度	Max. Lifting height	H	mm					3000										3000																
2.03	门架全高	Max. overall height	H1	mm		2500	2500	2500	2500	2700	2850	2500	2500	2500	2700	2850	2500	2500	2500	2700	2850	2500	2500	2500	2500										
2.04	自由起升高度	Free lifting height	H4	mm					200						200				200						200										
2.05	后桥距 (后门架支面距前)	Backrest height (calculated from the rear surface)	H13	mm		1355	1350	1345	1360	1433	1355	1350	1345	1360	1433	1355	1350	1345	1360	1433	1355	1350	1345	1355											
2.06	座椅至货叉底面的距离	Overhead guard clearance (from base of seat)	H6	mm					1060						1060				1060						1060										
2.07	护顶架高度	Overhead guard height	H4	mm			2450			2500			2450			2500			2450				2500		2450										
2.08	全长 (带货叉)	Overall length (with forks)	L	mm		4710	4790	4840	5175	5430	4710	4790	4840	5175	5430	4710	4790	4840	5175	5430	4710	4790	4840	5175	5430										
2.09	全长 (不带货叉)	Overall length (without forks)	L1	mm		3490	3570	3620	3665	4210	3490	3570	3620	3665	4210	3490	3570	3620	3665	4210	3490	3570	3620	3665	4210										
2.10	前悬距	Front overhang	L2	mm		590	595	600	704	722	590	595	600	704	722	590	595	600	704	722	590	595	600	704	722										
2.11	后悬距	Rear overhang	L3	mm		600	675	720	755	715	600	675	720	755	715	600	675	720	755	715	600	675	720	755	715										
2.12	轴距	Wheel base	L1	mm		2300	2300	2300	2500	2775	2300	2300	2300	2500	2775	2300	2300	2300	2500	2775	2300	2300	2300	2500	2775										
2.13	牵引控制杆中心高度	Traction pin center height	H9	mm			410			520			410			520			410				520		410										
2.14	最小离地间隙 (后门架下)	Min. Ground clearance (from bottom of mast)	H5	mm		200	200	200	250	250	200	200	200	250	250	200	200	200	250	250	200	200	200	250	200										
2.15	后桥外伸距	Truck body width	W1	mm			2045			2165			2045			2165			2045				2165		2045										
2.16	货叉至货叉架侧面的最大最小	Lateral fork adjustment outside of fork (max./min.)	W6	mm			300-1845		340-2000	410-2140			300-1845		340-2000	410-2140			300-1845		340-2000	410-2140			300-1845										
2.17	前配重	Front tread	W3	mm		1520	1520	1520	1600	1600	1520	1520	1520	1600	1600	1520	1520	1520	1600	1600	1520	1520	1520	1520	1520										
2.18	后配重	Rear tread	W2	mm		1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700										
2.19	最小转弯半径 (外侧)	Min. Turning radius (external)	r	mm		3240	3300	3370	3650	3900	3240	3300	3370	3650	3900	3240	3300	3370	3650	3900	3240	3300	3370	3650	3900										
2.20	最小转弯半径 (内侧)	Min. Turning radius (internal)	r'	mm		200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200										
2.21	最小垂直速度	Min. intersecting axis	As1	mm		3200	3200	3330	3590	3860	3200	3200	3330	3590	3860	3200	3200	3330	3590	3860	3200	3200	3330	3590	3860										
2.22	门架倾角 (前倾角/后倾角)	Mast tilting angle (forward tilt angle/rearward tilt angle)	α/β	°				612					612					612						612											
2.24	货叉尺寸	Fork size	L4	mm		458/1230/195	460/1230/195	460/1230/195	460/1230/195	460/1230/195	458/1230/195	460/1230/195	460/1230/195	460/1230/195	460/1230/195	458/1230/195	460/1230/195	460/1230/195	460/1230/195	460/1230/195	458/1230/195	460/1230/195	460/1230/195	458/1230/195	460/1230/195										
性能 Performance																																			
3.01	最大行驶速度 (满载/空载)	Max. Travelling speed (loaded/unloaded)	km/h			24/29	24/29	24/29	26/30	26/30	26/30	26/30	26/30	26/30	26/30	26/30	26/30	26/30	26/30	26/30	26/30	26/30	26/30	26/30	26/30										
3.02	起升速度 (满载/空载)	Lifting speed (loaded/unloaded)	mm/s			510/530	510/530	500/530	390/420	330/350	530/550	530/550	510/540	390/420	330/350	500/570	500/570	500/570	430/450	350/370	450/470	440/470	440/470	420/460											
3.03	下降速度 (满载/空载)	Lowering speed (loaded/unloaded)	mm/s					>300 / <600					>300 / <600					>300 / <600						>300 / <600											
3.04	最大牵引力 (满载)	Max. Draw bar load	kN			63	63	62	61	58	60	60	60	60	58	60	60	60	60	58	60	60	60	40											
3.05	最大爬坡能力 (满载)	Max. Gradability (loaded/unloaded)	%			38/19	35/19	32/19	23/20	21/20	34/19	31/19	29/19	23/20	21/20	35/19	32/19	30/19	27/20	22/20	23/19	20/19	20/19	20/19											
重量 Weight																																			
4.01	重量 (含电池)	Weight (incl. battery)	kg			8300	8050	8650	11000	12000	8150	8900	9500	10950	12450	8150	8300	9000	9500	10850	12450	8300	9050	9650	9650										
4.02	额定起重能力 前/后	Wheel capacity (loaded) front/rear	kg			11940/1360	13400/1520	14500/1600	20480/2400	18300/2100	13330/1570	14450/16500	16500/2400	20410/2040	11940/1360	13400/1520	14500/1600	20480/2400	20410/2040	11940/1360	13400/1520	14450/16500	16500/2400	20410/2040											
4.03	额定起重能力 前/后	Wheel capacity (unloaded) front/rear	kg			41304/10710	40004/4990	38703/780	44000/6600	47600/6600	40050/4100	42005/4895	3900/5600	43500/6000	56907/6700	40904/10400	40004/4990	38703/780	44000/6600	47600/6600	40050/4100	42005/4895	3900/5600	43500/6000											
其他 Type																																			
5.01	车型配置 (前/后)	Wheel number (front/rear)	4X2			4X2			4X2			4X2			4X2			4X2			4X2			4X2											
5.02	轮胎类型 (前/后)	Type type (front/rear)	充气胎 Pneumatic type			充气胎 Pneumatic type			充气胎 Pneumatic type			充气胎 Pneumatic type			充气胎 Pneumatic type			充气胎 Pneumatic type			充气胎 Pneumatic type			充气胎 Pneumatic type											
5.03	轮胎尺寸 (前)	Type size (front)	8.25-15-14PR			8.25-15-14PR			8.25-15-14PR			8.25-15-14PR			8.25-15-14PR			8.25-15-14PR			8.25-15-14PR			8.25-15-14PR											
5.04	轮胎尺寸 (后)	Type size (rear)	8.25-15-14PR			8.25-15-14PR			8.25-15-14PR			8.25-15-14PR			8.25-15-14PR			8.25-15-14PR			8.25-15-14PR			8.25-15-14PR											
5.05	手刹类型	Service brake	动力制动-踏板式, Powered brake-pedal type			动力制动-踏板式, Powered brake-pedal type			动力制动-踏板式, Powered brake-pedal type			动力制动-踏板式, Powered brake-pedal type			动力制动-踏板式, Powered brake-pedal type			动力制动-踏板式, Powered brake-pedal type			动力制动-踏板式, Powered brake-pedal type			动力制动-踏板式, Powered brake-pedal type											
5.06	驻车制类型	Parking brake	机械-手刹杆式, Mechanical-hand brake lever type			机械-手刹杆式, Mechanical-hand brake lever type			机械-手刹杆式, Mechanical-hand brake lever type			机械-手刹杆式, Mechanical-hand brake lever type			机械-手刹杆式, Mechanical-hand brake lever type			机械-手刹杆式, Mechanical-hand brake lever type			机械-手刹杆式, Mechanical-hand brake lever type			机械-手刹杆式, Mechanical-hand brake lever type											
驱动、传动和变速箱配置 Driving and transmission configuration																																			
6.01	蓄电池 (电压/容量)	Battery (voltage/capacity)	V/Ah			2X1280			2X1280			2X1280			2X1280			2X1280			2X1280			2X1280											
6.02	制造商/额定功率	Engine manufacturer/ rated power	额定功率/额定功率 (kW) / Rated power / Rated power (kW)			额定功率/额定功率 (kW) / Rated power / Rated power (kW)			额定功率/额定功率 (kW) / Rated power / Rated power (kW)			额定功率/额定功率 (kW) / Rated power / Rated power (kW)			额定功率/额定功率 (kW) / Rated power / Rated power (kW)			额定功率/额定功率 (kW) / Rated power / Rated power (kW)			额定功率/额定功率 (kW) / Rated power / Rated power (kW)			额定功率/额定功率 (kW) / Rated power / Rated power (kW)											
6.03	额定功率	Rated power	kW/HP			83/2000			83/2000			83/2000			83/2000			83/2000			83/2000			83/2000											
6.04	额定功率	Rated power	kW/HP			450/1400-1500			450/1400-1500			450/1400-1500			450/1400-1500			450/1400-1500			450/1400-1500			450/1400-1500											
6.05	气缸数	Cylinder number	6			6			6			6			6			6			6			6											
6.06	发动机排量	Engine displacement	L			7.127			7.127			7.127			7.127			7.127			7.127			7.127											
6.07	额定油容量	Oil tank capacity	L			160			160			160			160			160			160			160											
6.08	变速箱类型	Transmission type	智能换挡 Intelligent gear shifting			智能换挡 Intelligent gear shifting			智能换挡 Intelligent gear shifting			智能换挡 Intelligent gear shifting			智能换挡 Intelligent gear shifting			智能换挡 Intelligent gear shifting			智能换挡 Intelligent gear shifting			智能换挡 Intelligent gear shifting											
6.09	挡位数 (前/后)	Transmission number of speed (forward/rear)	2/2			2/2			2/2			2/2			2/2			2/2			2/2			2/2											