

S SERIES
Reliable forklift



1-3.5 ton
ENGINE POWERED
FORKLIFT

STANDARD EQUIPMENT

- | | |
|---------------------------------|------------------------------|
| Hour meter | Overhead guard |
| Horn | Standard forks |
| Oil pressure alarm | Neutral switch |
| Three-spool control valve | Hydraulic circuit oil filter |
| Power steering | Radiator tank |
| Rubber pedal pad | Speed-limiting valve |
| Backrest | Oil meter |
| Back view mirror | Battery-charge indicator |
| Front combined lights | Wide-view mast |
| Transmission oil filter | Intake device |
| Engine flameout device | Durable tire |
| Parking brake cable | Operating handles |
| Water temperature meter | Traction pin |
| Attached tools | Standard seat |
| Rear combined lights | Hydraulic oil gauge |
| Reversing buzzer | Overhead guard raincoat |
| Self-locking tilt valve | Torque converter oil gauge |
| Tilt adjustable steering column | Combined display |
| Power brake(2-3.5t) | Central control box |

OPTIONS

- | | |
|--|-----------------------------------|
| Cab | Tilt cylinder sleeve |
| Rotating warning light | Steering cylinder sleeve |
| Vertical exhaust | User-specified color |
| Double air filter | Optional attachments |
| Suspension seat | Dual tires and protective devices |
| Extended fork sleeve | LPG with the flip seat |
| Heater | LPG single and dual-fuel system |
| Solid tire | Side shifter |
| Widening fork carriage | Steel protective fences |
| Windglass | |
| Purifying muffler | |
| Fire muffler | |
| Fire extinguisher | |
| Rear lights | |
| Air conditioning (some models) | |
| Electro-hydraulic switch | |
| OPS driving control | |
| Torque converter oil temperature meter | |



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* Details of specifications and equipment are based on information available at the time of printing and may change without notice.

AUTHORIZED DEALER

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ENGINE POWERED
FORKLIFT



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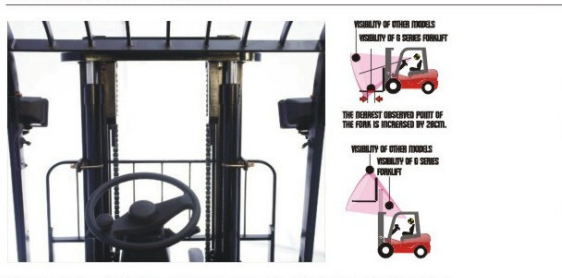
ENGINE POWERED
FORKLIFT

1-3.5 ton

GSERIES

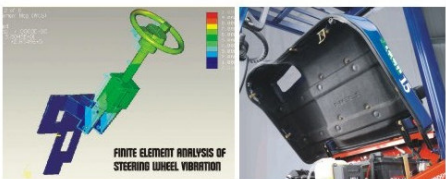
Reliable forklift

A reliable mast



The impact and vibration of mast are reduced significantly by using buffer device. Through finite element analysis plus optimizing the structural parameters, the vibration acceleration is reduced by 40%.

More scientific and environmental design



Equipped with high-quality engine, the emission meets the latest European EC and the EPA environmental regulation. The use of Non-asbestos insulation equipment is very effective to lower down the noise.

The innovative design and optimized configuration of the lifting system improve the operators' visibility greatly, and provide a clear and accessible focus of vision to ensure the safety & efficiency of operating.

More powerful



G series forklifts greatly enhance various aspects of key performances particularly in power performance through reducing the losses of engine torque nearly twice as before.

↑ 8.2%
THE MAXIMUM LIFTING SPEED IS INCREASED

↑ 3%
THE GRADABILITY IS INCREASED

↓ 2%
THE FUEL CONSUMPTION IS REDUCED

↑ 9%
THE MAXIMUM DRAW-BAR PULL IS INCREASED



Profilled steel for overhead guard

As the first forklift producer to use profilled steel for overhead guard in China, our G series forklift is available with embedded cabin doors to ensure more safety and seal performance.

Greatly enhanced frame strength

G Series forklifts have much stronger frame structure, while its structural strength meets the ANSI/ITSDF B56.1 (American National Regulation) requirements.



Through optimum design of the hood and tilt cylinder, the space for driver's leg is twice wider than other models, the bigger footplate make the operators to get on and off with ease. Such capacious space ensures the operating more comfortable.



The sedan-type display and double-handle combined F/R direction switch to ensure more convenient and smooth operation.

Labor-saving mini-type steering wheel. Suspension seat with armrests, seat belts. Safe and comfortable.

Excellent safety performance





内燃平衡重式叉车
BALANCE WEIGHT TYPE FORKLIFT

1-3.5 吨



制造商和技术参数 Manufacturers Data and Design Characteristics

特性		HELI																													
1	制造商	HELI																													
2	型号	CPCD10	CPCD15	CPCD18	CPCD20	CPCD25	CPCD30	CPCD35	CPQ(Y)D10	CPQ(Y)D15	CPQ(Y)D18	CPQ(Y)D20	CPQ(Y)D25	CPQ(Y)D30	CPQ(Y)D35																
3	动力种类	柴油							汽油																						
4	额定起重量	kg	1000	1500	1750	2000	2500	3000	3500	1000	1500	1750	2000	2500	3000	3500															
5	载荷中心距	mm	500																												
6	驾驶方式	座驾式																													
尺寸																															
7	货叉最大高度 (带挡货架)	H2	mm	4039	4039	4039	4039		4217	4217	4039	4039		4039		4217	4217														
8	最大起升高度	H	mm	3000			3000			3000			3000			3000															
9	门架全高 (货叉落地, 门架垂直)	H1	mm	1995	1995	1995	2000	2000	2070	2180	1995	1995	1995	2000	2000	2070	2180														
10	自由起升高度	H3	mm	152	155	155	145		145	145	152	155	155	145		145	145														
11	挡货架高(门架货叉面算起)	H13	mm	1017	1014	1014	1004		1182	1177	1017	1014	1014	1004		1182	1177														
12	座椅面至护顶架距离	H6	mm	1030	1030	1030	1035			1030	1030	1030	1035																		
13	全高 (护顶架)	H4	mm	2140	2140	2140	2140	2140	2170	2170	2140	2140	2140	2140	2140	2170	2170														
14	全长 (带货叉)	L	mm	2936	3150	3193	3430	3650	3770	3840	2936	3150	3193	3430	3650	3770	3840														
15	全长 (不带货叉)	L'	mm	2166	2230	2273	2510	2580	2700	2770	2166	2230	2273	2510	2580	2700	2770														
16	前悬距	L2	mm	410	413	413	475	475	480	485	410	413	413	475	475	480	485														
17	后悬距	L3	mm	355	415	455	440	510	525	585	355	415	455	440	510	525	585														
18	轴距	L1	mm	1410	1410	1410	1600	1600	1700	1700	1410	1410	1410	1600	1600	1700	1700														
19	牵引销高度	H9	mm	250	250	250	245	245	250	250	250	250	245	245	250	250															
20	最小离地间隙(门架处)	H5	mm	110	110	110	110	110	135	135	110	110	110	110	135	135															
21	全宽	W1	mm	1075	1075	1090	1150	1150	1225	1285	1075	1075	1090	1150	1150	1225	1285														
22	货叉调节范围 (外侧) 最大/最小	W5	mm	950/200		1024/200		1024/200		1060/250		1060/250		950/200		1024/200		1024/200		1060/250		1060/250									
23	前轮距	W3	mm	900	900	930	970	970	1000	1060	900	900	930	970	970	1000	1060														
24	后轮距	W2	mm	930	930	930	970	970	970	970	930	930	930	970	970	970	970														
25	最小转弯半径 (外侧)	r	mm	1870	1950	1980	2170	2240	2400	2420	1870	1950	1980	2170	2240	2400	2420														
26	最小转弯半径 (内侧)	r'	mm	110	110	95	160	160	200	200	110	110	95	160	160	200	200														
27	最小直角通道宽度	Ra	mm	1945	2025	2055	2200	2280	2380	2400	1945	2025	2055	2200	2280	2380	2400														
28	门架倾角	a / β		5° /10°			6° /12°			5° /10°			6° /12°																		
29	货叉尺寸	L4xWxT	mm	770×100×32		920×100×35		920×100×35		920×122×40		1070×122×45		1070×125×45		1070×125×50		770×100×32		920×100×35		920×100×35		920×122×40		1070×122×45		1070×125×45		1070×125×50	
性能																															
30	最大行驶速度	km/h	17/18			17/19			18/19	19/19	17/18			17/19			18/19	19/19													
31	起升速度 (满载/空载)	mm/s	590/650			550/600			500/550	450/480	590/650			550/600			500/550	450/480													
32	下降速度 (满载/空载)	mm/s	450																												
33	最大牵引力 (满载/空载)	kN	17.8/6.9			17/8.33	17/8.88	16/9.8	16.5/9.8	14.2/6.9			16.4/8.3			14.5/9.8	16.5/9.8														
34	最大爬坡能力 (满载/空载)	%	42/25	40/19	36/18	28/20	25/18	23/20	22/20	37/22	27/18	24/17	26/20	24/18	23/20	20/18															
重量																															
35	总重 (含油水)	kg	2300	2760	2970	3480	3800	4400	5000	2300	2760	2970	3480	3800	4400	5000															
36	轮负荷满载前/后	kg	2900/400	3705/555	4060/660	4878/602	5607/693	6500/900	7600/900	2900/400	3705/555	4060/660	4878/602	5607/693	6500/900	7600/900															
37	轮负荷空载前/后	kg	1040/1260	1187/1573	1145/1825	1392/2088	1520/2280	1760/2640	2000/3000	1040/1260	1187/1573	1145/1825	1392/2088	1520/2280	1760/2640	2000/3000															
车轮和轮胎																															
38	车轮数量 X=驱动轮 (前/后)		2X/2			2X/2			2X/2			2X/2			2X/2																
39	轮胎类型 (前/后)		充气胎			充气胎			充气胎			充气胎			充气胎																
40	轮胎尺寸(前)		6.50-10-10PR			7.00-12-12PR			28×9-15-12PR	28×9-15-14PR	6.50-10-10PR			7.00-12-12PR			28×9-15-12PR	28×9-15-14PR													
41	轮胎尺寸(后)		5.00-8-8PR			6.00-9-10PR			6.50-10-10PR	6.50-10-10PR	5.00-8-8PR			6.00-9-10PR			6.50-10-10PR	6.50-10-10PR													
42	制动器行车制动器		液压-踏板式																												
43	停车制动器		机械-手动式																												
驱动、传动控制装置																															
44	蓄电池电压/容量	V/Ah	12/80			12/80			12/80			12/60			12/60																
45	发动机制造商/型号		久保田 V2403			久保田 V2403			久保田 V3600			日产 K15			日产 K21			日产 K25													
46	额定功率	kW/ps	35.4/2400			35.4/2400			36.5/2600	46.9/2400	23.6/2400			31.2/2250			37.6/2400														
47	额定扭矩	Nm/ps	161.3/1600			161.3/1600			164/1500	210/1600	103/1600			143.7/1600			176.5/1600														
48	气缸数		4-87×102.4			4-87×102.4			4-98×120			4-75.5×83			4-89×83			4-89×100													
49	发动机排量	L	2.434			2.434			3.62			1.468			2.065			2.488													
50	发动机燃油箱容量	L	46			66			70			46			66			70													
51	变速型式		动力换挡																												
52	变速箱前/后变速挡数		1/1																												

