



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

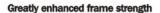
Laborsaving mini-type steering wheel. Suspension seat with armrests, seat belts. Safe and comfortable.

Excellent safety performance

Profiled steel for overhead guard

HEL

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



G Series forklifts have much stronger frame structure, while its structural strength meets the ANSI/ITSDFB56.1 (American National Regulation) requirements.



Reliable forklift



STANDARD EQUIPMENT

Backrest

Reversing buzzer

Self-locking tilt valve

Power brake(2-3.5t)

Tilt adjustable steering column

Overhead guard Standard forks Rotating warning light Oil pressure alarm Neutral switch Vertical exhaust Three-spool control vavle Hydraulic circuit oil filter Double air filter Power steering Radiator tank Suspension seat Rubber pedal pad Speed -limiting valve Extended fork sleeve Oil meter Back view mirror Battery-charge indicator Solid tire Front conbined lights Wide-view mast Widening fork carriage Transmission oil filter Intake device Engine flameout device Durable tire Purifying muffler Parking brake cable Operating handles Fire muffler Water temperature meter Traction pin Fire extinguisher Attached tools Standard seat Rear lights Rear combined lights Hudraulic oil gauge Air conditioning (some models)

Overhead guard raincoat

Torque converter oil gauge

Combined dispaly

Central control box

OPTIONS

Electro-hydraulic switch

Torque converter oil temperature meter

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OPS driving control

AUTHORIZED DEALER

TOP1 FORKLIFT MANUFACTURING AND SALE
IN CHINA CONTINUOUSLY FOR 22 YEARS

Tilt cylinder sleeve

Steering cylinder sleeve

Dual tires and protective devices

LPG single and dual-fuel system

User-specified color Optional attachments

LPG with the flip seat

Steel protective fences

Side shifter

ANHUI HELI CO., LTD.

ADDR 15 WEST WANGJIANG ROAD, HEFEI, ANHUI, P.R.CHINA

TEL (86 551)63639068,63639258,63639358 FRX (86 551)63639966 WEBSITE http://www.helichina.com

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

Catalog No.2013.01 HELI Print

HELI



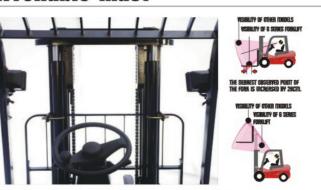
CHINESE EXPORT BRAND

By China Chamber of Commerce for Import and Export of Machinery



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

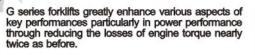


Equipped with high-quality engine, the emission meets the latest European EC and the EPA environmental regulation. The use of Non-asbestos insulation equipment is very effective to lower down

The 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

More powerful













IS REDUCED

THE FUEL CONSUMPTION

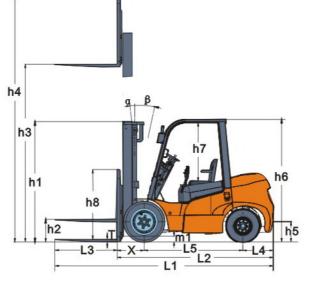


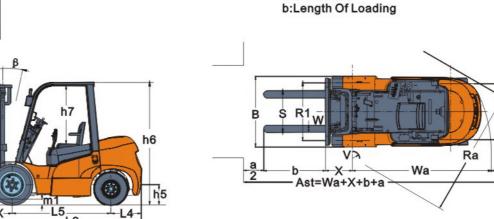




Characteristics		cteris														
Characteristics Manufacturer									HE	3.1						
Model			CPCD10	CPCD15	CPCD18	CPCD20	CPCD25	CPCD30	CPCD35	CPQD10	CPQD15	CPQD18	CPQD20	CPQD25	CPQD30	CPQD35
B Power unit			01 05 10	01 05 10	01 05 10	Diesel	01 0020	01 0500	0.0000	01 00 10	01 00 10	01 45 10	Gasoline	01 4520	01 4500	01 4500
Rated Capacity kg		ka	1000	1500	1750	2000	2500	3000	3500	1000	1500	1750	2000	2500	3000	3500
5 Load Center mm			1000	1000	1100	500	2000	0000	0000	1000	1000	1100	500	2000	0000	5555
Operation						Seated							Seated			
Dimensions						Gealed										
Overall max.lifting height (with backrest)	ll max.lifting height (with backrest) h4 mr		4017	4014	4014	40	004	4182	4177	4017	40	14	40	004	4182	4117
Max.Lifting height				10000	000		70.11	3000			100000 Inc.	000				
Height mast retracted(upright)	h1	mm	1995	1995	1995	2000	2000	2075	2180	1995	1995	1995	2000	2000	2075	2180
0 Free lift height	h2	mm	150	155	155		45	145	150	150	155	155		45	145	150
Backrest height(from upper face of forks)	h8	mm	1017	1014	1014		004	1182	1177	1017	1014	1014	10		1182	1177
2 Overhead Guard clearance(from face of seat)	h7	mm	1030	1030	1030		10	1035		1030	1030	1030			1035	
Overall height(overhead guard)	h6	mm	2140	2140	2140	2140	2140	2170	2170	2140	2140	2140	2140	2140	2170	2170
4 Overall length(with forks)	LI	mm	2936	3150	3193	3430	3650	3770	3840	2936	3150	3193	3430	3650	3770	3840
5 Overall length(without forks)	L2	mm	2166	2230	2273	2510	2580	2700	2770	2166	2230	2273	2510	2580	2700	2770
6 Front overhang	X	mm	401	405	408	470	470	475	485	401	405	408	470	470	475	485
7 Rear overhang	L4	mm	355	415	455	440	510	525	585	355	415	455	440	510	525	585
8 Wheel base	L5	mm	1410	1410	1410	1600	1600	1700	1700	1410	1410	1410	1600	1600	1700	1700
9 Coupler height	h5	mm	250	250	250	245	245	250	250	250	250	250	245	245	250	250
0 Min.ground clearance under mast	m1	mm	110	110	110	110	110	135	135	110	110	110	110	110	135	135
1 Overall width	В	mm	1075	1075	1090	1150	1150	1225	1285	1075	1075	1090	1150	1150	1225	1285
2 Lateral fork adjustment outside of fork(Max./Min.)	S	mm	1073	950/200	1090	1000/222	1000/222	1055/250	1055/250	1075	950/200	1030	1000/222	1000/222	1055/250	1055/250
Tread(front)	R1	mm	900	900	930	970	970	1000	1060	900	900	930	970	970	1000	1060
4 Tread(rear)	P	mm	930	930	930	970	970	970	970	930	930	930	970	970	970	970
5 Outside turning radius			1870	1950	1980	2170	2240	2400	2420	1870	1950	1980	2170	2240	2400	2420
6 Inside turning radius	Wa	mm	110	110	95	160	160	200	200	110	110	95	160	160	200	200
7 Min.intersecting aisle	V	mm	1945	2025	2055	2200	2280	2380	2400	1945	2025	2055	2200	2280	2380	2400
	Ra	mm	1945		2055	2200			2400	1945		2055	2200			2400
7		mann	770×400×22	5° /10°	000 × 400 × 25	000×400×45		/12°	4070×405×50	770×400×20	5° /10°	000×400×25	000×400×45		° /12°	4070×405×4
		111111	770×100×32	920 \ 100 \ 35	920 \ 100 \ 35	920 \ 100 \ 45	1070 \ 100 \ 45	10/0/125/45	10/0/ 125/50	770 \ 100 \ 32	920 \ 100 \ 35	920 \ 100 \ 35	920 \ 100 \ 45	10/0 \ 100 \ 40	1070×125×45	10/0 \ 125 \;
Performance		km/h		17/19		17	7/10	19/10	19/19		17/19		17	/10	19/10	10/10
Performance D Max. Traveling speeds(With/Without load)		km/h		17/18			7/19	18/19	19/19		17/18			/19	18/19	19/19
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load)		mm/s		590/650			/600	500/550	19/19 450/480		590/650		17/ 550/	/600	500/550	19/19 450/480
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load)		mm/s mm/s		590/650 450/550		550	/600	500/550 50	450/480		590/650 450/550		550	/600	500/550 450	450/480
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load)		mm/s mm/s kN	42/25	590/650 450/550 17.8/6.9	26/10	550 17/8.33	/600 4 17/8.88	500/550 50 16/9.8	450/480 16.5/9.8	27/22	590/650 450/550 14.2/6.9	24/47	550 <i>i</i>	/600 4/8.3	500/550 450 14.5/9.8	450/480 16.5/9.8
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load)		mm/s mm/s	42/25	590/650 450/550	36/18	550	/600	500/550 50	450/480	37/22	590/650 450/550	24/17	550	/600	500/550 450	450/480
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights		mm/s mm/s kN %		590/650 450/550 17.8/6.9 40/19		17/8.33 28/20	/600 4 17/8.88 25/18	500/550 50 16/9.8 23/20	450/480 16.5/9.8 22/20		590/650 450/550 14.2/6.9 27/18		550) 16.4 26/20	/600 4/8.3 24/18	500/550 450 14.5/9.8 23/20	450/480 16.5/9.8 20/18
Performance D Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass		mm/s mm/s kN %	2300	590/650 450/550 17.8/6.9 40/19	2970	17/8.33 28/20 3480	/600 4 17/8.88 25/18	500/550 50 16/9.8 23/20	450/480 16.5/9.8 22/20 5000	2300	590/650 450/550 14.2/6.9 27/18	2970	550) 16.4 26/20	/600 4/8.3 24/18	500/550 450 14.5/9.8 23/20	450/480 16.5/9.8 20/18
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear)		mm/s mm/s kN %	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555	2970 4060/660	17/8.33 28/20 3480 4878/602	/600 4 17/8.88 25/18 3800 5607/693	500/550 50 16/9.8 23/20 4400 6500/900	450/480 16.5/9.8 22/20 5000 7600/900	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555	2970 4060/660	16.4 26/20 3480 4878/602	/600 4/8.3 24/18 3800 5607/693	500/550 450 14.5/9.8 23/20 4400 6500/900	450/480 16.5/9.8 20/18 5000 7600/900
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear)		mm/s mm/s kN %	2300	590/650 450/550 17.8/6.9 40/19	2970	17/8.33 28/20 3480	/600 4 17/8.88 25/18	500/550 50 16/9.8 23/20	450/480 16.5/9.8 22/20 5000	2300	590/650 450/550 14.2/6.9 27/18	2970	550) 16.4 26/20	/600 4/8.3 24/18	500/550 450 14.5/9.8 23/20	450/480 16.5/9.8 20/18
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres		mm/s mm/s kN %	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573	2970 4060/660	17/8.33 28/20 3480 4878/602	/600 4 17/8.88 25/18 3800 5607/693 1520/2280	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640	450/480 16.5/9.8 22/20 5000 7600/900	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573	2970 4060/660	16.4 26/20 3480 4878/602	/600 4/8.3 24/18 3800 5607/693 1520/2280	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640	450/480 16.5/9.8 20/18 5000 7600/900
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven)		mm/s mm/s kN %	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573	2970 4060/660	17/8.33 28/20 3480 4878/602	/600 4 17/8.88 25/18 3800 5607/693 1520/2280	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640	450/480 16.5/9.8 22/20 5000 7600/900	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573	2970 4060/660	16.4 26/20 3480 4878/602	/600 4/8.3 24/18 3800 5607/693 1520/2280	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640	450/480 16.5/9.8 20/18 5000 7600/900
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven) Tyre Type		mm/s mm/s kN %	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573 2X/2 Pneumatic	2970 4060/660	3480 4878/602 1392/2088	/600 4 17/8.88 25/18 3800 5607/693 1520/2280 22 Pneui	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640 K/2 matic	450/480 16.5/9.8 22/20 5000 7600/900 2000/3000	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573 2X/2 Pneumatic	2970 4060/660	3480 4878/602 1392/2088	/600 4/8.3 24/18 3800 5607/693 1520/2280 2 Pneu	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640 X/2 matic	450/480 16.5/9.8 20/18 5000 7600/900 2000/3000
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven) Tyre Type Tyre Type Tyre size(front)		mm/s mm/s kN %	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR	2970 4060/660	3480 4878/602 1392/2088	/600 4 17/8.88 25/18 3800 5607/693 1520/2280 20 Pneur	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640 K/2 matic 28×9-15-12PR	450/480 16.5/9.8 22/20 5000 7600/900 2000/3000 28×9-15-14PR	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR	2970 4060/660	3480 4878/602 1392/2088	/600 4/8.3 24/18 3800 5607/693 1520/2280 2: Pneu 2-12PR	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640 X/2 matic 28×9-15-12PR	450/480 16.5/9.8 20/18 5000 7600/900 2000/3000
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven) Tyre Type Tyre Type Tyre size(front) Tyre size(rear)		mm/s mm/s kN %	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573 2X/2 Pneumatic	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-1:	/600 4 17/8.88 25/18 3800 5607/693 1520/2280 20 Pneur 2-12PR 9-10PR	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640 K/2 matic 28×9-15-12PR	450/480 16.5/9.8 22/20 5000 7600/900 2000/3000	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573 2X/2 Pneumatic	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-12	/600 4/8.3 24/18 3800 5607/693 1520/2280 22 Pneu 2-12PR 1-10PR	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640 X/2 matic	450/480 16.5/9.8 20/18 5000 7600/900 2000/3000
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven) Tyre Type Tyre Type Tyre size(front) Tyre size(rear) Service Brake		mm/s mm/s kN %	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-1: 6.00-9	3800 5607/693 1520/2280 22 Pneur 2-12PR 9-10PR	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640 K/2 matic 28×9-15-12PR	450/480 16.5/9.8 22/20 5000 7600/900 2000/3000 28×9-15-14PR	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-12 6.00-9	3800 5607/693 1520/2280 2-12PR 1-10PR	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640 X/2 matic 28×9-15-12PR	450/480 16.5/9.8 20/18 5000 7600/900 2000/3000
Performance D Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven) Tyre Type Tyre Type Tyre size(front) Tyre size(rear) Service Brake Paking Brake		mm/s mm/s kN %	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-1:	3800 5607/693 1520/2280 22 Pneur 2-12PR 9-10PR	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640 K/2 matic 28×9-15-12PR	450/480 16.5/9.8 22/20 5000 7600/900 2000/3000 28×9-15-14PR	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-12	3800 5607/693 1520/2280 2-12PR 1-10PR	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640 X/2 matic 28×9-15-12PR	450/480 16.5/9.8 20/18 5000 7600/900 2000/3000
Performance D Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven) Tyre Type Tyre Type Tyre Type Tyre size(front) Tyre size(rear) Service Brake Paking Brake Drive		mm/s mm/s kN % kg kg kg	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-1: 6.00-9	3800 5607/693 1520/2280 22 Pneur 2-12PR 0-10PR dal	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640 K/2 matic 28×9-15-12PR 6.50-10-10PR	450/480 16.5/9.8 22/20 5000 7600/900 2000/3000 28×9-15-14PR	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-12 6.00-9	3800 5607/693 1520/2280 2-12PR 1-10PR	500/550 150 14.5/9.8 23/20 4400 6500/900 1760/2640 X/2 matic 28×9-15-12PR 6.50-10-10PR	450/480 16.5/9.8 20/18 5000 7600/900 2000/3000
Performance D Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven) Tyre Type Tyre Type Tyre size(front) Tyre size(rear) Service Brake Paking Brake Drive Battery (Voltage/Capacity)		mm/s mm/s kN %	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR	2970 4060/660 1145/1825	17/8.33 28/20 3480 4878/602 1392/2088 7.00-1: 6.00-9 lydraulic-Foot Pecechanical-Hand Lea	3800 5607/693 1520/2280 22 Pneur 2-12PR 9-10PR dal	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640 K/2 matic 28×9-15-12PR 6.50-10-10PR	450/480 16.5/9.8 22/20 5000 7600/900 2000/3000 28×9-15-14PR 6.50-10-10PR	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-12 6.00-9	3800 5607/693 1520/2280 2-12PR 1-10PR Islal	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640 X/2 matic 28×9-15-12PR 6.50-10-10PR	450/480 16.5/9.8 20/18 5000 7600/900 2000/3000 28×9-15-14F 6.50-10-10P
Performance D Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven) Tyre Type Tyre Type Tyre size(front) Tyre size(rear) Service Brake Paking Brake Drive Battery (Voltage/Capacity) Internal Combustion Engine Model		mm/s mm/s kN % kg kg kg	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR	2970 4060/660 1145/1825	17/8.33 28/20 3480 4878/602 1392/2088 7.00-1: 6.00-9 lydraulic-Foot Pecephanical-Hand Lea	7/600 4 17/8.88 25/18 3800 5607/693 1520/2280 27 Pneur 2-12PR 0-10PR dal ever	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640 K/2 matic 28×9-15-12PR 6.50-10-10PR	450/480 16.5/9.8 22/20 5000 7600/900 2000/3000 28×9-15-14PR 6.50-10-10PR	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-12 6.00-9	3800 5607/693 1520/2280 2 Pneu 2-12PR 1-10PR dal ever	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640 X/2 matic 28×9-15-12PR 6.50-10-10PR	450/480 16.5/9.8 20/18 5000 7600/900 2000/3000 28×9-15-14H 6.50-10-10P
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven) Tyre Type Tyre Type Tyre size(front) Tyre size(rear) Service Brake Paking Brake Drive Battery (Voltage/Capacity) Internal Combustion Engine Model Internal Combustion Engine Rated Output		mm/s mm/s kN % kg kg kg kg kg	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR 12/80 KUBOTA V2403 35.4/2400	2970 4060/660 1145/1825	17/8.33 28/20 3480 4878/602 1392/2088 7.00-1: 6.00-9 lydraulic-Foot Peochanical-Hand Le	7/600 4 17/8.88 25/18 3800 5607/693 1520/2280 20 Pneur 2-12PR 2-10PR dal sever 12 KUBOTA V2403	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640 K/2 matic 28×9-15-12PR 6.50-10-10PR	16.5/9.8 22/20 5000 7600/900 2000/3000 28×9-15-14PR 6.50-10-10PR	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR 12/60 NISSAN K15 23.6/2400	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-12 6.00-9	3800 5607/693 1520/2280 2: Pneu 2-12PR 1-10PR dal ever	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640 X/2 matic 28×9-15-12PR 6.50-10-10PR	450/480 16.5/9.8 20/18 5000 7600/900 2000/3000 28×9-15-14 6.50-10-10P
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven) Tyre Type Tyre Type Tyre size(front) Tyre size(front) Service Brake Paking Brake Drive Battery (Voltage/Capacity) Internal Combustion Engine Model Internal Combustion Engine Rated Output Internal Combustion Engine Rated Torque		mm/s mm/s kN % kg kg kg	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR 12/80 KUBOTA V2403 35.4/2400 161.3/1600	2970 4060/660 1145/1825	17/8.33 28/20 3480 4878/602 1392/2088 7.00-1: 6.00-9 lydraulic-Foot Pecephanical-Hand Lea	7/600 4 17/8.88 25/18 3800 5607/693 1520/2280 20 Pneui 2-12PR 3-10PR	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640 K/2 matic 28×9-15-12PR 6.50-10-10PR	16.5/9.8 22/20 5000 7600/900 2000/3000 28×9-15-14PR 6.50-10-10PR KUBOTA V3600 46.9/2400 210/1600	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR 12/60 NISSAN K15 23.6/2400 103/1600	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-12 6.00-9	/600 //8.3 24/18 3800 5607/693 1520/2280 2: Pneu 2-12PR -10PR dal ever 12 NISSAN K21 31.2/2250 143.7/1600	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640 X/2 matic 28×9-15-12PR 6.50-10-10PR	450/480 16.5/9.8 20/18 5000 7600/900 2000/3000 28×9-15-14 6.50-10-10F
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven) Tyre Type Tyre Type Tyre size(front) Tyre size(front) Tyre size(rear) Service Brake Paking Brake Drive Battery (Voltage/Capacity) Internal Combustion Engine Model Internal Combustion Engine Rated Output Internal Combustion Engine Rated Torque Internal Combustion Engine Number of Cylindel		mm/s mm/s kN % kg kg kg kg kg	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR 12/80 KUBOTA V2403 35.4/2400 161.3/1600 4-87×102.4	2970 4060/660 1145/1825	17/8.33 28/20 3480 4878/602 1392/2088 7.00-1: 6.00-9 lydraulic-Foot Peochanical-Hand Le	7/600 4 17/8.88 25/18 3800 5607/693 1520/2280 20 Pneur 2-12PR 3-10PR	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640 K/2 matic 28×9-15-12PR 6.50-10-10PR	16.5/9.8 22/20 5000 7600/900 2000/3000 2000/3000 28×9-15-14PR 6.50-10-10PR KUBOTA V3600 46.9/2400 210/1600 4-98×120	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR 12/60 NISSAN K15 23.6/2400	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-12 6.00-9	/600 //8.3 24/18 3800 5607/693 1520/2280 2: Pneu 2-12PR -10PR Isla ever 12 NISSAN K21 31.2/2250 143.7/1600 4-89×83	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640 X/2 matic 28×9-15-12PR 6.50-10-10PR	450/480 16.5/9.8 20/18 5000 7600/900 2000/3000 28×9-15-14 6.50-10-10P
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven) Tyre Type Tyre Type Tyre size(front) Tyre size(front) Tyre size(rear) Service Brake Paking Brake Drive Battery (Voltage/Capacity) Internal Combustion Engine Model Internal Combustion Engine Rated Output Internal Combustion Engine Rated Torque Internal Combustion Engine Number of Cylinder Internal Combustion Engine Displacement	r	mm/s mm/s kN % kg kg kg kg kg	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR 12/80 KUBOTA V2403 35.4/2400 161.3/1600	2970 4060/660 1145/1825	17/8.33 28/20 3480 4878/602 1392/2088 7.00-1: 6.00-9 lydraulic-Foot Peochanical-Hand Le	7/600 4 17/8.88 25/18 3800 5607/693 1520/2280 20 Pneui 2-12PR 3-10PR	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640 K/2 matic 28×9-15-12PR 6.50-10-10PR	16.5/9.8 22/20 5000 7600/900 2000/3000 28×9-15-14PR 6.50-10-10PR KUBOTA V3600 46.9/2400 210/1600	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR 12/60 NISSAN K15 23.6/2400 103/1600	2970 4060/660 1145/1825	3480 4878/602 1392/2088 7.00-12 6.00-9	/600 //8.3 24/18 3800 5607/693 1520/2280 2: Pneu 2-12PR -10PR dal ever 12 NISSAN K21 31.2/2250 143.7/1600	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640 X/2 matic 28×9-15-12PR 6.50-10-10PR	450/480 16.5/9.8 20/18 5000 7600/900 2000/3000 28×9-15-14 6.50-10-10P
Performance Max. Traveling speeds(With/Without load) Lifting Speeds(With/Without load) Lowering Speeds(With/Without load) Max. Draw-bar pull,(With/Without load) Max. Negotiable Gradient(With/Without load) Max. Negotiable Gradient(With/Without load) Weights Service Mass Load Wheel with load(Front/Rear) Load Wheel without load(Front/Rear) Tyres Wheels number front/rear(x=driven) Tyre Type Tyre Type Tyre size(front) Tyre size(front) Tyre size(rear) Service Brake Paking Brake Drive Battery (Voltage/Capacity) Internal Combustion Engine Model Internal Combustion Engine Rated Output Internal Combustion Engine Rated Torque Internal Combustion Engine Number of Cylindel	r	mm/s mm/s kN % kg kg kg kg kg	2300 2900/400	590/650 450/550 17.8/6.9 40/19 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR 12/80 KUBOTA V2403 35.4/2400 161.3/1600 4-87×102.4	2970 4060/660 1145/1825	17/8.33 28/20 3480 4878/602 1392/2088 7.00-1: 6.00-9 lydraulic-Foot Peochanical-Hand Le	7/600 4 17/8.88 25/18 3800 5607/693 1520/2280 20 Pneur 2-12PR 3-10PR	500/550 50 16/9.8 23/20 4400 6500/900 1760/2640 K/2 matic 28×9-15-12PR 6.50-10-10PR	16.5/9.8 22/20 5000 7600/900 2000/3000 2000/3000 28×9-15-14PR 6.50-10-10PR KUBOTA V3600 46.9/2400 210/1600 4-98×120	2300 2900/400	590/650 450/550 14.2/6.9 27/18 2760 3705/555 1187/1573 2X/2 Pneumatic 6.50-10-10PR 5.00-8-8PR 12/60 NISSAN K15 23.6/2400 103/1600 4-75.5×83	2970 4060/660 1145/1825	16.4 26/20 3480 4878/602 1392/2088 7.00-12 6.00-9 ydraulic-Foot Ped schanical-Hand Le	/600 //8.3 24/18 3800 5607/693 1520/2280 2: Pneu 2-12PR -10PR Isla ever 12 NISSAN K21 31.2/2250 143.7/1600 4-89×83	500/550 450 14.5/9.8 23/20 4400 6500/900 1760/2640 X/2 matic 28×9-15-12PR 6.50-10-10PR	450/480 16.5/9.8 20/18 5000 7600/900 2000/3000 28×9-15-14i 6.50-10-10P NISSAN K2 37.6/2400 176.5/1600 4-89×100







Ast: Aisel width with load

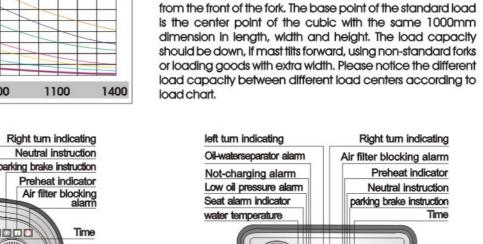
CPQD10/CPCD10 CPQD15/CPCD15 CPQD18/CPCD18

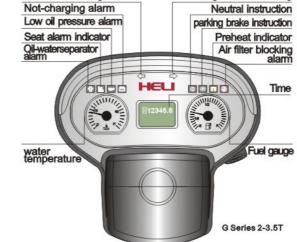
CPQD35/CPCD35 CPQD30/CPCD30 CPQD25/CPCD25 CPQD20/CPCD20

Vertical axle stands for load capacity while horizontal axle stands for load center. Load center is the distance counted

a:Clearance

3500 3000 2500 2500 1500 1000 LOAD CENTER(mm) 500 800 1100 1400

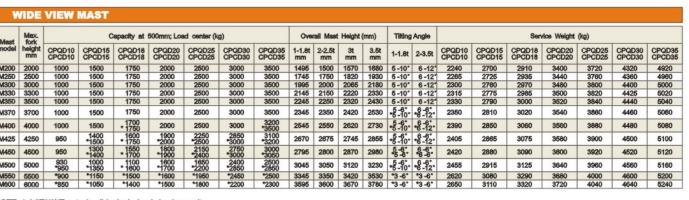




left turn indicating

Not-charging alarm Low oil pressure alarm Seat alarm indicator water temperature		Preheat indicator Neutral instruction parking brake instruction Time
THE PLANT OF THE P	4 + 0 W W W W W W W W W W W W W W W W W W	≅12345.6 Runing Well
fuel gauge		G Series 1-1.87

Internal Combustion Engine Model	Internal Combustion Engine Rate horse power	Internal Combustion Engine Rate torque	InternalCombustion Engine Displacement	InternalCombustion Engine Number of Clinder
ISUZU4JG2	44.9/2450	184.7/1600-1800	3.05	4
ISUZUC240	35.4/2500	139.9/1800	2.369	4
JMC493	39/2500	165/1800	2.771	4



NOTE: 1-1.8T(1)*(Front wheel) is dual wheels load capacity.
(2)Max lifting without lift-bracket-370mm.
2-3.5T(1)Dual wheels weight:+110kg.
(2)*(Front wheel) is dual wheels load capacity.

ľ	IDE	IDE VIEW FULL FREE 2-STAGE MAST																							
	Max. fork	Capacity at 500mm; Load center (kg)							Overall Mast Height (mm)				Free Lift (with Backest)				Tilting Angle		Service Weight (kg)						
	height mm				CPQD20 CPCD20				1-1.8t mm	2-2.5t mm	3t mm	3.5t mm	1-1.8t mm	2-2.5t mm	3t mm	3.5t mm	1-1.8t	2-3.5t	CPQD10 CPCD10	CPQD15 CPCD15	CPQD18 CPCD18	CPQD20 CPCD20	CPQD25 CPCD25	CPQD30 CPCD30	CPQD35 CPCD35
)	2000	1000	1500	1750	2000	2500	3000	3500	1495	1500	1570	1680	520	490	340	460	5-10°	6-12°	2255	2725	2945	3440	3760	4370	4970
)	2500	1000	1500	1750	2000	2500	3000	3500	1745	1750	1820	1930	720	740	590	750	5-10°	6-12°	2315	2785	3005	3480	3800	4410	5010
	3000	1000	1500	1750	2000	2500	3000	3500	1995	2000	2070	2180	970	990	840	1000	5-10°	6-12°	2350	2820	3040	3520	3840	4450	5050
	3300	1000	1500	1750	2000	2500	3000	3500	2145	2150	2220	2330	1120	1140	990	1150	5-10°	6-12°	2370	2840	3060	3560	3870	4480	5070
	3500	1000	1500	1750	2000	2500	3000	3500	2245	2250	2320	2430	1220	1240	1090	1250	5-10°	6-12°	2385	2855	3075	3570	3890	4490	5090
)	3700	1000	1500	1750	2000	2500	3000	3500	2345	2345	2420	2530	1320	1345	1205	1350	5-6° 5-10°	6-6*	2400	2870	3090	3590	3900	4520	5120
)	4000	1000	1500	1700 * 1750	2000	2500	3000	3200 *3500	2545	2550	2620	2730	1520	1540	1390	1550	5-6° 5-10°	6-6	2450	2920	3140	3610	3930	4540	5140
5	4250	950	1400 *1500	1600 * 1750	1900 *2000	2250 *2500	2850 *3000	3100 *3200	2670	2675	2745	2855	1645	1665	1515	1675	5-6° 6-10°	6-6	2470	2940	3160	3640	3960	4560	5160
)	4500	950	1300 *1400	1550 * 1700	1800 *1900	2150 *2400	2750 *3000	3000 *3050	2795	2800	2870	2980	1770	1790	1640	1800	5-6° 5-10°	6-6° 6-12°	2485	2955	3175	3660	3980	4580	5180
)	5000	930 *950	1000 *1350	* 1100 * 1600	1600 *1700	1650 *2200	2400 *2850	2500 *2850	3045	3050	3120	3230	20200	2040	1910	2050	5-6°	6-6.	2520	2990	3210	3710	4030	4620	5220
)	5500	*900	*1150	*1500	*1600	*1950	*2450	*2500	3345	3350	3420	3530	2320	2340	2190	2350	*3-6°	*3-6°	2695	3165	3385	3750	4070	4660	5260
	6000	*850	*1050	*1400	*1500	*1800	*2200	*2300	3595	3600	3670	3780	2570	2590	2440	2600	*3-6°	*3-6°	2730	3200	3420	3790	4110	4710	5310

NOTE: 1-1.8T(1)Max lifting without lift-bracket:-370mm.

(2)Free lifting height without bracket:+370mm.

(3)*(Front wheel) is dual wheels load capactty.

2-3.5T(1)Free lifting height without bracket:+397mm

3t Free lifting height without bracket:+490mm.

3.5t Free lifting height without bracket:+412mm.

(2)Dual wheels weight:+110kg.

(3)*(Front wheel) is dual wheels load capacity.

Mast	Max. fork	Capacity at 500mm; Load center (kg)								Overall Mast Height (mm)				Free Lift (with Backest)				Angle	Service Weight (kg)						
	height	CPQD10 CPCD10	CPQD15 CPCD15	CPQD18 CPCD18	CPQD20 CPCD20	CPQD25 CPCD25	CPQD30 CPCD30	CPQD35 CPCD35	1-1.8t mm	2-2.5t mm	3t mm	3.5t mm	1-1.8t mm	2-2.5t mm	3t mm	3.5t mm	1-1.8t	2-3.5t	CPQD10 CPCD10	CPQD15 CPCD15	CPQD18 CPCD18	CPQD20 CPCD20	CPQD25 CPCD25	CPQD30 CPCD30	CPC
ZSM360	3600	1000	1450	1750	2000	2400	2900	3300	1790	1795	1930	1930	770	785	740	745	5-6°	6-6°	2395	2865	3085	3640	3960	4550	51
ZSM400	4000	1000	1400	1600	1900	2400	2900	3300	1915	1920	2055	2055	890	910	865	870	5-6°	6-6°	2420	2890	3110	3660	3980	4580	51
ZSM435	4350	900 *950	1350 *1400	1550 *1700	1850 *1900	2200 *2400	2800 *2900	3000 *3000	2040	2045	2180	2180	1020	1035	990	995	5-6°	6-6°	2445	2915	3135	3690	4010	4610	52
ZSM450	4500	900 *950	1300 *1350	1500 *1650	1750 *1800	2150 *2300	2700 *2800	2900 *2900	2090	2095	2230	2230	1070	1085	1040	1045	5-6*	6-6*	2475	2920	3145	3700	4020	4620	522
ZSM470	4700	900	1300 *1350	1450 *1600	1720 *1800	2000 *2300	2600 *2800	2650 *2900	2160	2160	2230	2230	1140	1150	1040	1045	5-6°	6-6°	2485	2930	3155	3700	4020	4620	523
ZSM480	4800	900 *920	1100 *1350	1400 *1580	1700 *1800	1950 *2300	2500 *2800	2600 *2900	2190	2195	2330	2330	1170	1185	1140	1145	5-6°	6-6°	2495	2945	3160	3720	4040	4640	524
Z9M500	5000	900	1100 *1300	1150 *1550	1600 *1750	1650 *2250	2400 *2750	2450 *2850	2290	2295	2430	2430	1270	1285	1240	1245	5-6°	6-6"	2520	2950	3185	3740	4060	4660	526
ZSM540	5400	800 *900	850 *1250	*1500	1450 *1700	1500 *2150	2250 *2650	2300 *2700	2415	2420	2555	2555	1390	1410	1365	1370	3-6°	3-6*	2540	2985	3205	3770	4090	4680	528
ZSM600	6000	550 *850	550 *1100	550 *1400	950 *1600	1000	1500 *2150	1550 *2200	2640	2645	2780	2780	1620	1635	1590	1595	3-6°	3-6*	2600	3045	3265	3800	4120	4730	533

NOTE: 1-1.8T(1)Max lifting without lift-bracket:-370mm.

(2)Free lifting height without bracket:+370mm.

(3)*(Front wheel) is dual wheels load capactty.

2-3.5T(1)Free lifting height without bracket:+397mm.

3 f Free lifting height without bracket:+490mm.

3.5t Free lifting height without bracket:+412mm.

(2)Dual wheels weight:+110kg.

(3)*(Front wheel) is dual wheels load capacity.