

Option Table		
Project		Configuration
Intelligent Security	Electro-hydraulic directional transmission	●
	Full set of OPS	○
	Stamping special-shaped overhead guard	●
	Tilt cylinder self-locking valve	●
	Heli intelligent fleet management system	○
	Foldback prefilter	○
	main power switch	○
	Fuel tank cap with lock	●
	Fire extinguisher	○
Comfort & Convenience	Full suspension seat	○
	Suspended overhead guard	●
	Descent buffer	●
	Front and rear adjustable steering column	●
	Reversing horn handle	○
	USB interface	○
	Instrument identification	○
	Electric fan	○
	Reversing voice horn	○
	Meet the latest emission power (National IV/National III)	●
	Load-sensing steering	●
	Full LCD instrument	●
	High exhaust	●
Cab	Front windshield	○
	Rear windshield	○
	Overhead guard	●
	Integral cab	○
	Integral cab (installed with heater)	○
	Integral cab (installed with heater & cooling air conditioner)	○
	Integral cab (installed with cooling air conditioner)	○

Option Table		
Project		Configuration
Lamplight	LED lights	●
	LED rear working lights (2 pcs)	○
	Warning light (rotating)	○
	Warning light (rotating buzzer)	○
	Warning light (flashing)	○
	Blue light	○
Lifting System	Basic mast	●
	Full free mast (2-stage or 3-stage)	○
	Non-standard attachments	○
	Mast height	○
Other	Fork arm carrier	○
	Load-backrest	○
	Metric thread	●
	American standard thread	○
	Solid tire	○
	Tilt cylinder sheath	○
	Steering cylinder sheath	●
	Universal key	○
	Customized colors	○

Note: Standard●;Optional○.

CPCD 20/25/30/35

W11Y2G3 2WD / QC2Y2G3 2WD / XC6Y2G3 2WD / KU1Y2G3 2WD
W3Y2G3 2WD / W4Y2G3 2WD / XC3Y2G3 2WD / KU5Y2G3 2WD
W3Y4G3 4WD / W4Y4G3 4WD / XC3Y4G3 4WD / KU5Y4G3 4WD



2-3.5 t

G3 series Internal Combustion Counterbalanced
Rough Terrain Forklift Truck



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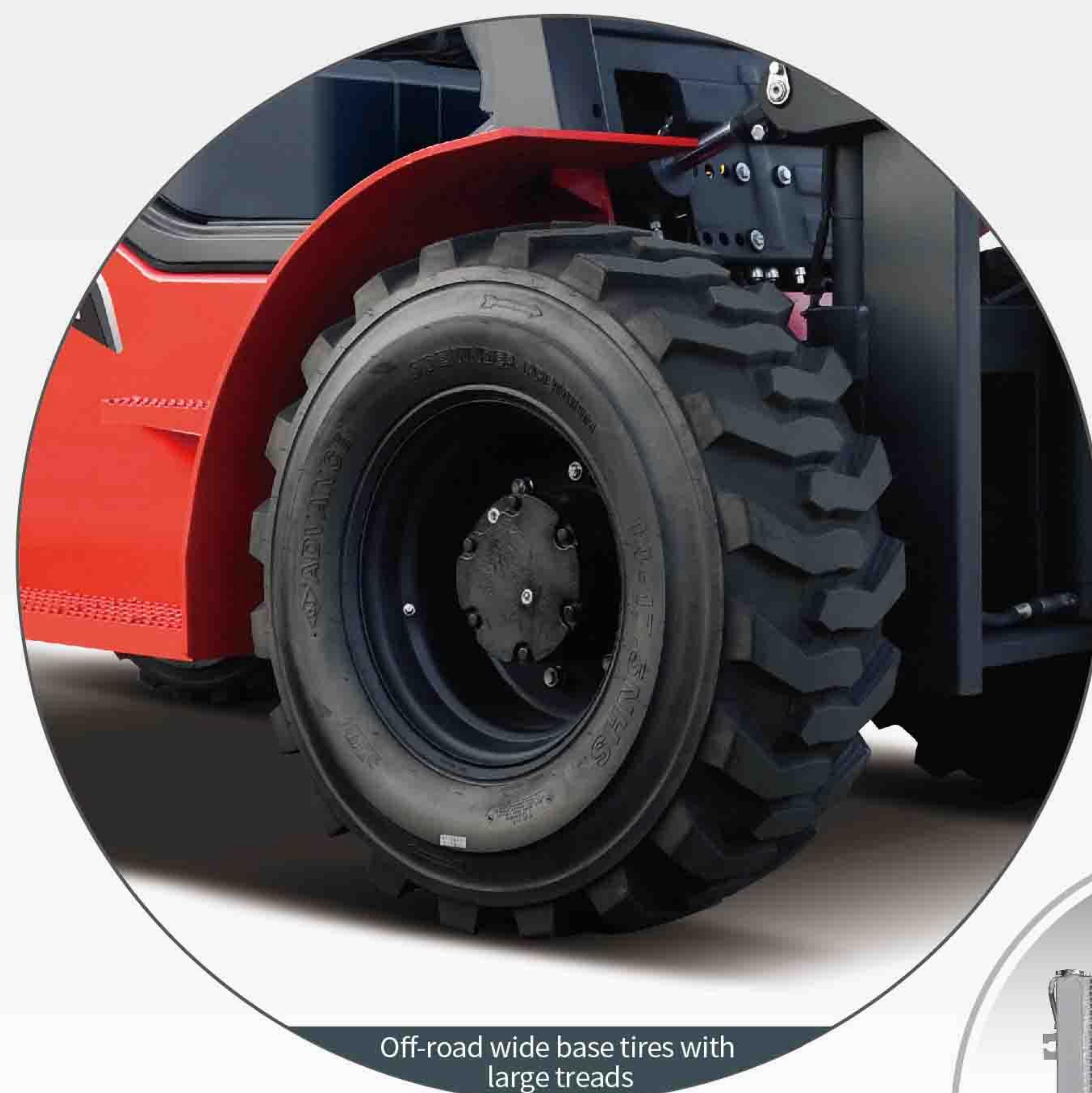


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* Our products are subject to improvements and changes without notice.



Off-road wide base tires with large treads



Radiator



SUPERIOR DESIGN

- Fashionable and Aesthetic streamlined design
- Stable and reliable performance
- Dual drive or four-wheel drive off-road tires
- Widely used in fields, farms, orchards and other tough road conditions

Powerful & Efficient

- Multi-position gearbox with flexible connection;
- Dual drive or four-wheel drive, energy conservative and high efficient;
- Flexible connected drive axle with ultrahigh configuration;
- Greatly improved off-road performance hydraulic system with load sensing valve, faster lifting speed;
- Lightweight mast, widened frame and upper beam of optimized design high carrying capacity.

Stable & Reliable

- Off-road wide base tires with large treads;
- Improved radiator structure, optimized cooling system, better heat dissipation performance;



Transmission System



Meter



Pedal Mechanism

- In-position sensing system, effectively avoid misoperation;
- Optimized drive line system, larger ground clearance, lower center of gravity, improved stability and passability;
- Pedal mechanism optimization: inching pedal is connected to inching valve directly;
- Ip65 digital lcd meter;
- Sealing structure of 24 cone rubber hose, add "O" type sealing ring, better sealing effect.

HELI



*Rough Terrain
Forklift Truck*

Manufacturer and Technical Data (2-2.5t High Performance Dual drive)											
	Characteristics										
1.01	Manufacturer			HELI							
1.02	Model			CPCD20	CPCD20	CPCD20	CPCD20	CPCD25	CPCD25	CPCD25	CPCD25
1.03	Configuration number			W3Y2G3(2WD)	W4Y2G3(2WD)	XC3Y2G3(2WD)	KU5Y2G3(2WD)	W3Y2G3(2WD)	W4Y2G3(2WD)	XC3Y2G3(2WD)	KU5Y2G3(2WD)
1.04	Rated capacity		kg	2000				2500			
1.05	Load center distance		mm	500				500			
1.06	Power mode			Diesel				Diesel			
1.07	Driving mode			Seat-type				Seat-type			
	Weight										
2.01	Total weight		kg	4500				4750			
	Tyres										
3.01	Tyre type			Tubeless tyre				Tubeless tyre			
3.02	Wheel numbers front/rear(x=driven wheels)			2x/2				2X/2			
3.03	Tyre size, front			14-17.5-16TL				14-17.5-16TL			
3.04	Tyre size, rear			10-16.5-10TL				10-16.5-10TL			
	Dimensions										
4.01	Lifting height	H	mm	3000				3000			
4.02	Mast height (fork to the ground, vertical mast)	H1	mm	2265				2265			
4.03	Max. height, extended(with backrest)	H2	mm	4040				4040			
4.04	Free lifting height	H3	mm	160				160			
4.05	Height of overhead guard	H4	mm	2450				2450			
4.06	Min. ground clearance	H5	mm	280				280			
4.07	Height of backrest	H13	mm	1010				1010			
4.08	Overall length (with/without fork)	L/L'	mm	4210/3140				4210/3140			
4.09	Wheel base	L1	mm	2000				2000			
4.10	Front overhang	L2	mm	580				580			
4.11	Rear overhang	L3	mm	560				560			
4.12	Overall width	W1	mm	1640				1640			
4.13	Track width (front/rear)	W3	mm	1250/1280				1250/1280			
4.14	Adjustment range of fork(outside fork Max./Min.)	W5	mm	1395/250				1395/250			
4.15	Min. outside turning radius	r	mm	3250				3250			
4.16	Mast tilt angle (forward/backward)	α/β	°	10°/12°				10°/12°			
4.17	Fork size: thickness*width*length	TxWxL4	mm	40x122x1070				40x122x1070			
4.18	Min. right-angle aisle width	Ra	mm	3300				3300			
	Performance										
5.01	Travel speed (laden/unladen)		km/h	20/20				20/20			
5.02	Lift speed (laden/unladen)		mm/s	480/520				480/520			
5.03	Lowering speed (laden/unladen)		mm/s	370/350				370/350			
5.04	Max. drawbar pull (laden/unladen)		kN	38	34	38	38	38	34	38	38
5.05	Max. gradeability (laden/unladen)		%	50	46	50	50	46	42	46	46
	Combustion-Engine										
6.01	Engine manufacturer/Model			ISUZU 4JG2PE-01	ISUZU GK4JG2NKF01	XINCHAI 4D32X41	KUBOTA V2403-CR-TESB	ISUZU 4JG2PE-01	ISUZU GK4JG2NKF01	XINCHAI 4D32X41	KUBOTA V2403-CR-TESB
6.02	Rated power/speed		kW/rpm	44.9/2450	35/2450	36.8/2500	42.6/2400	44.9/2450	35/2450	36.8/2500	42.6/2400
6.03	Max. torque speed		Nm/rpm	186.3/1600-1800	170/1700	210/1600-1800	195.6/1500	186.3/1600-1800	170/1700	210/1600-1800	195.6/1500
6.04	Cylinder number- bore * stroke		/L	4-95.4x107/3.059	4-95.4x107/3.059	4-98x105/3.168	4-87x102.4/2.434	4-95.4x107/3.059	4-95.4x107/3.059	4-98x105/3.168	4-87x102.4/2.434
6.05	Emission			China Stage II	Euro Stage IIIA	China Stage IV	EU StageV / EPA Tier IV	China Stage II	Euro Stage IIIA	China Stage IV	EU StageV / EPA Tier IV
6.06	Transmission gears (front/rear)			2-1Power Shift M/T				2-1Power Shift M/T			

Manufacturer and Technical Data (2-2.5t Standard 4-wheel Drive)											
	Characteristics										
1.01	Manufacturer			HELI							
1.02	Model			CPCD20	CPCD20	CPCD20	CPCD20	CPCD25	CPCD25	CPCD25	CPCD25
1.03	Configuration number			W3Y4G3(4WD)	W4Y4G3(4WD)	XC3Y4G3(4WD)	KU5Y4G3(4WD)	W3Y4G3(4WD)	W4Y4G3(4WD)	XC3Y4G3(4WD)	KU5Y4G3(4WD)
1.04	Rated capacity		kg	2000				2500			
1.05	Load center distance		mm	500				500			
1.06	Power mode			Diesel				Diesel			
1.07	Driving mode			Seat-type				Seat-type			
	Weight										
2.01	Total weight		kg	4800				4950			
	Tyres										
3.01	Tyre type			Tubeless tyre				Tubeless tyre			
3.02	Wheel numbers front/rear(x=driven wheels)			2x/2				2X/2			
3.03	Tyre size, front			14-17.5-16TL				14-17.5-16TL			
3.04	Tyre size, rear			10-16.5-10TL				10-16.5-10TL			
	Dimensions										
4.01	Lifting height	H	mm	3000				3000			
4.02	Mast height (fork to the ground, vertical mast)	H1	mm	2265				2265			
4.03	Max. height, extended(with backrest)	H2	mm	4040				4040			
4.04	Free lifting height	H3	mm	160				160			
4.05	Height of overhead guard	H4	mm	2450				2450			
4.06	Min. ground clearance	H5	mm	280				280			
4.07	Height of backrest	H13	mm	1010				1010			
4.08	Overall length (with/without fork)	L/L'	mm	4210/3140				4210/3140			
4.09	Wheel base	L1	mm	2000				2000			
4.10	Front overhang	L2	mm	580				580			
4.11	Rear overhang	L3	mm	560				560			
4.12	Overall width	W1	mm	1640				1640			
4.13	Track width (front/rear)	W3	mm	1250/1280				1250/1280			
4.14	Adjustment range of fork(outside fork Max./Min.)	W5	mm	1395/250				1395/250			
4.15	Min. outside turning radius	r	mm	3400				3400			
4.16	Mast tilt angle (forward/backward)	α/β	°	10°/12°				10°/12°			
4.17	Fork size: thickness*width*length	TxWxL4	mm	40x122x1070				40x122x1070			
4.18	Min. right-angle aisle width	Ra	mm	3450				3450			
	Performance										
5.01	Travel speed (laden/unladen)		km/h	20/20				20/20			
5.02	Lift speed (laden/unladen)		mm/s	480/520				480/520			
5.03	Lowering speed (laden/unladen)		mm/s	370/350				370/350			
5.04	Max. drawbar pull (laden/unladen)		kN	38	34	38	38	38	34	38	38
5.05	Max. gradeability (laden/unladen)		%	50	46	50	50	46	42	46	46
	Combustion-Engine										
6.01	Engine manufacturer/Model			ISUZU 4JG2PE-01	ISUZU GK4JG2NKF01	XINCHAI 4D32X41	KUBOTA V2403-CR-TESB	ISUZU 4JG2PE-01	ISUZU GK4JG2NKF01	XINCHAI 4D32X41	KUBOTA V2403-CR-TESB
6.02	Rated power/speed		kW/rpm	44.9/2450	35/2450	36.8/2500	42.6/2400	44.9/2450	35/2450	36.8/2500	42.6/2400
6.03	Max. torque speed		Nm/rpm	186.3/1600-1800	170/1700	210/1600-1800	195.6/1500	186.3/1600-1800	170/1700	210/1600-1800	195.6/1500
6.04	Cylinder number- bore * stroke		/L	4-95.4x107/3.059	4-95.4x107/3.059	4-98x105/3.168	4-87x102.4/2.434	4-95.4x107/3.059	4-95.4x107/3.059	4-98x105/3.168	4-87x102.4/2.434
6.05	Emission			China Stage II	Euro Stage IIIA	China Stage IV	EU StageV / EPA Tier IV	China Stage II	Euro Stage IIIA	China Stage IV	EU StageV / EPA Tier IV
6.06	Transmission gears (front/rear)			2-1Power Shift M/T				2-1Power Shift M/T			

Manufacturer and Technical Data (2-2.5t Standard Dual drive)											
	Characteristics										
1.01	Manufacturer			HELI							
1.02	Model			CPCD20	CPCD20	CPCD20	CPCD20	CPCD25	CPCD25	CPCD25	CPCD25
1.03	Configuration number			W11Y2G3(2WD)	QC2Y2G3(2WD)	XC6Y2G3(2WD)	KU1Y2G3(2WD)	W11Y2G3(2WD)	QC2Y2G3(2WD)	XC6Y2G3(2WD)	KU1Y2G3(2WD)
1.04	Rated capacity		kg	2000				2500			
1.05	Load center distance		mm	500				500			
1.06	Power mode			Diesel				Diesel			
1.07	Driving mode			Seat-type				Seat-type			
	Weight										
2.01	Total weight		kg	4500				4650			
	Tyres										
3.01	Tyre type			Tubeless tyre				Tubeless tyre			
3.02	Wheel numbers front/rear(x=driven wheels)			2x/2				2X/2			
3.03	Tyre size, front			14-17.5-16TL				14-17.5-16TL			
3.04	Tyre size, rear			10-16.5-10TL				10-16.5-10TL			
	Dimensions										
4.01	Lifting height	H	mm	3000				3000			
4.02	Mast height (fork to the ground, vertical mast)	H1	mm	2265				2265			
4.03	Max. height, extended(with backrest)	H2	mm	4040				4040			
4.04	Free lifting height	H3	mm	160				160			
4.05	Height of overhead guard	H4	mm	2450				2450			
4.06	Min. ground clearance	H5	mm	280				280			
4.07	Height of backrest	H13	mm	1010				1010			
4.08	Overall length (with/without fork)	L/L'	mm	4210/3140				4210/3140			
4.09	Wheel base	L1	mm	2000				2000			
4.10	Front overhang	L2	mm	580				580			
4.11	Rear overhang	L3	mm	560				560			
4.12	Overall width	W1	mm	1640				1640			
4.13	Track width (front/rear)	W3	mm	1230/1280				1230/1280			
4.14	Adjustment range of fork(outside fork Max./Min.)	W5	mm	1345/250				1345/250			
4.15	Min. outside turning radius	r	mm	3400				3400			
4.16	Mast tilt angle (forward/backward)	α/β	°	10°/12°				10°/12°			
4.17	Fork size: thickness*width*length	TxWxL4	mm	40x122x1070				40x122x1070			
4.18	Min. right-angle aisle width	Ra	mm	3300				3300			
	Performance										
5.01	Travel speed (laden/unladen)		km/h	18/18				18/18			
5.02	Lift speed (laden/unladen)		mm/s	480/520				480/520			
5.03	Lowering speed (laden/unladen)		mm/s	370/350				370/350			
5.04	Max. drawbar pull (laden/unladen)		kN	18				18			
5.05	Max. gradeability (laden/unladen)		%	24				22			
	Combustion-Engine										
6.01	Engine manufacturer/Model			ISUZU 4JG2PE-01	QUANCHAI V32-50C42	XINCHAI 4D32X41	KUBOTA V2403-CR-TE5B	ISUZU 4JG2PE-01	QUANCHAI V32-50C42	XINCHAI 4D32X41	KUBOTA V2403-CR-TE5B
6.02	Rated power/speed		kW/rpm	44.9/2450	36.8/2500	36.8/2500	42.6/2400	44.9/2450	36.8/2500	36.8/2500	42.6/2400
6.03	Max. torque speed		Nm/rpm	186.3/1600-1800	200/1500-1800	210/1600-1800	195.6/1500	186.3/1600-1800	200/1500-1800	210/1600-1800	195.6/1500
6.04	Cylinder number- bore * stroke		/L	4-95.4x107/3.059	4-98x105/3.17	4-98x105/3.168	4-87x102.4/2.434	4-95.4x107/3.059	4-98x105/3.17	4-98x105/3.168	4-87x102.4/2.434
6.05	Emission			China Stage II	China Stage IV	China Stage IV	EU StageV / EPA Tier IV	China Stage II	China Stage IV	China Stage IV	EU StageV / EPA Tier IV
6.06	Transmission gears (front/rear)			1-1Power Shift M/T				1-1Power Shift M/T			

Manufacturer and Technical Data (3-3.5t Standard Dual drive)										
	Characteristics									
1.01	Manufacturer			HELI						
1.02	Model			CPCD30	CPCD30	CPCD30	CPCD30	CPCD35	CPCD35	CPCD35
1.03	Configuration number			W11Y2G3(2WD)	QC2Y2G3(2WD)	XC6Y2G3(2WD)	KU1Y2G3(2WD)	W11Y2G3(2WD)	QC2Y2G3(2WD)	XC6Y2G3(2WD)
1.04	Rated capacity		kg	3000				3500		
1.05	Load center distance		mm	500				500		
1.06	Power mode			Diesel				Diesel		
1.07	Driving mode			Seat-type				Seat-type		
	Weight									
2.01	Total weight		kg	5000				5200		
	Tyres									
3.01	Tyre type			Tubeless tyre				Tubeless tyre		
3.02	Wheel numbers front/rear(x=driven wheels)			2x/2				2X/2		
3.03	Tyre size, front			14-17.5-16TL				14-17.5-16TL		
3.04	Tyre size, rear			10-16.5-10TL				10-16.5-10TL		
	Dimensions									
4.01	Lifting height	H	mm	3000				3000		
4.02	Mast height (fork to the ground, vertical mast)	H1	mm	2265				2265		
4.03	Max. height, extended(with backrest)	H2	mm	4225				4225		
4.04	Free lifting height	H3	mm	160				160		
4.05	Height of overhead guard	H4	mm	2450				2450		
4.06	Min. ground clearance	H5	mm	280				280		
4.07	Height of backrest	H13	mm	1155				1155		
4.08	Overall length (with/without fork)	L/L'	mm	4214/3144				4254/3184		
4.09	Wheel base	L1	mm	2000				2000		
4.10	Front overhang	L2	mm	584				584		
4.11	Rear overhang	L3	mm	560				600		
4.12	Overall width	W1	mm	1640				1640		
4.13	Track width (front/rear)	W3	mm	1230/1280				1230/1280		
4.14	Adjustment range of fork(outside fork Max./Min.)	W5	mm	1395/250				1395/250		
4.15	Min. outside turning radius	r	mm	3400				3450		
4.16	Mast tilt angle (forward/backward)	α/β	°	10°/12°				10°/12°		
4.17	Fork size: thickness*width*length	TxWxL4	mm	45x125x1070				50x125x1070		
4.18	Min. right-angle aisle width	Ra	mm	3450				3500		
	Performance									
5.01	Travel speed (laden/unladen)		km/h	18/18				18/18		
5.02	Lift speed (laden/unladen)		mm/s	480/520				480/520		
5.03	Lowering speed (laden/unladen)		mm/s	370/350				370/350		
5.04	Max. drawbar pull (laden/unladen)		kN	18				18		
5.05	Max. gradeability (laden/unladen)		%	20				18		
	Combustion-Engine									
6.01	Engine manufacturer/Model			ISUZU 4JG2PE-01	QUANCHAI V32-50C42	XINCHAI 4D32X41	KUBOTA V2403-CR-TE5B	ISUZU 4JG2PE-01	QUANCHAI V32-50C42	XINCHAI 4D32X41
6.02	Rated power/speed		kW/rpm	44.9/2450	36.8/2500	36.8/2500	42.6/2400	44.9/2450	36.8/2500	36.8/2500
6.03	Max. torque speed		Nm/rpm	186.3/1600-1800	200/1500-1800	210/1600-1800	195.6/1500	186.3/1600-1800	200/1500-1800	210/1600-1800
6.04	Cylinder number- bore * stroke		/L	4-95.4x107/3.059	4-98x105/3.17	4-98x105/3.168	4-87x102.4/2.434	4-95.4x107/3.059	4-98x105/3.17	4-98x105/3.168
6.05	Emission			China Stage II	China Stage IV	China Stage IV	EU StageV / EPA Tier IV	China Stage II	China Stage IV	China Stage IV
6.06	Transmission gears (front/rear)			1-1Power Shift M/T				1-1Power Shift M/T		

Enjoyable Driving Experience

Triple suspension
support design



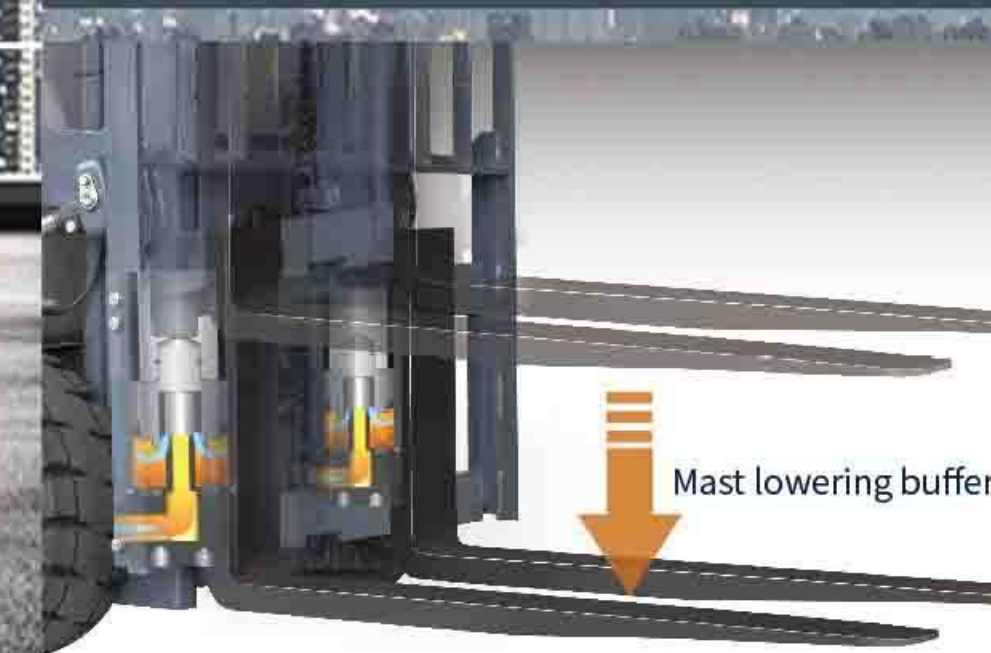
Super wide view mast
More room for leg



Overhead Guard



High exhaust design



Mast with decline buffer
function



Ergonomic instrument panel: integrated handle switch, ratchet type hand brake and integrated electro-hydraulic reversing handle

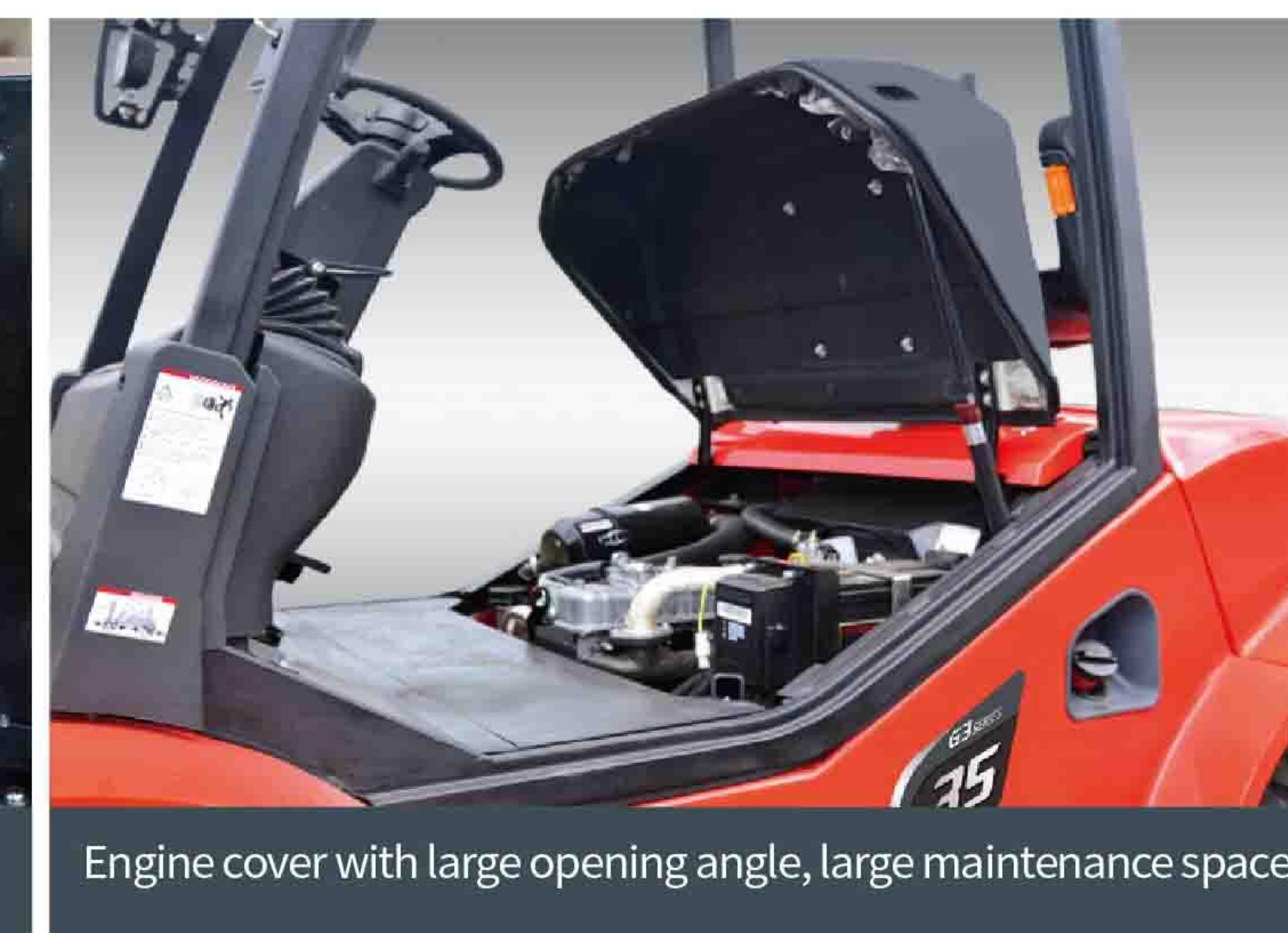
Easy to Maintain



LED lamps, energy efficient,
long life, no maintenance



Modular high protection
electrical box



Engine cover with large opening angle, large maintenance space