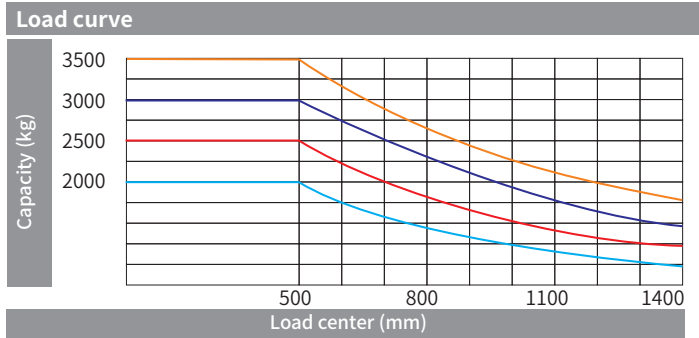


2-3.5t Internal combustion balanced weight type off-road forklift truck



Note :The vertical axis stands for load capacity and the horizontal axis stands for load center which is calculated from the front of the fork. The base point of the standard load refers to the center position of the cube with 1000mm length of side. When mast is tilted forward, nonstandard fork usage or load with over wide goods, load capacity will be reduced. Different load capacity in different load center can be known in time through load chart.

ENGINE MODEL AND MAIN SPECIFICATION FOR OPTION								
Configure Models	Engine model	Gearbox instructions	Rate power/Speed (kW/rpm)	Rated torque/speed (Nm/rpm)	Engine displacement (L)	Cylinder number -BorexStroke	Emission	Remarks
CPCD30/35-KU6Y2R-3	KubotaV2607	3-3Power shift	37.4 / 2400	171.5 / 1500	2.615	4-87×110	Euro V/America IV	2WD
CPCD20/25/30/35-KU5Y2R-2	KubotaV2403	2-1Power shift	42.6 / 2400	195.6 / 1500	2.434	4-87×102.4	Euro V/America IV	2WD
CPCD20/25/30/35-W3Y4R-2	ISUZY 4JG2PE-02	2-1Power shift	44.9/2450	184.7/1700	3.059	4-95.4-107	Euro II	4WD
CPCD20/25/30/35-W3Y2R-2	ISUZY 4JG2PE-02	2-1Power shift	44.9/2450	184.7/1700	3.059	4-95.4-107	Euro II	2WD
CPCD30/35-W4Y4R-2	ISUZY GK-4JG2NKFC01	2-1Power shift	35/2450	170/1700	3.059	4-95.4-107	Euro IIIA	4WD
CPCD30/35-W4Y2R-2	ISUZY GK-4JG2NKFC01	2-1Power shift	35/2450	170/1700	3.059	4-95.4-107	Euro IIIA	2WD
CPCD30/35-XCTY4R-2	XINCHANG3E22	2-1Power shift	44.8/2400	210/1600-1800	2.2	3-94x107	Euro V	4WD
CPCD30/35-XCTY2R-2	XINCHANG3E22	2-1Power shift	44.8/2400	210/1600-1800	2.2	3-94x107	Euro V	2WD
CPCD20/25/30/35-Q3Y4R-2	QUANCHAIV32-50V42	2-1Power shift	36.8/2500	190/1800	3.17	4-98x105	CHINA IV	4WD
CPCD20/25/30/35-Q3Y2R-2	QUANCHAIV32-50V42	2-1Power shift	36.8/2500	190/1800	3.17	4-98x105	CHINA IV	2WD

WIDE VIEW MAST												
Mast model	Lifting height (mm)	Load capacity (load center 500mm) (kg)				Mast overall height (fork to the ground) (mm)		Service weight (kg)				Mast tilting angle (°) α/β
		2t	2.5t	3t	3.5t	2-3t	3.5t	2t	2.5t	3t	3.5t	
M300	3000	2000	2500	3000	3500	2230	2280	4720	4920	5500	5850	10/12
M330	3300	2000	2500	3000	3500	2380	2430	4780	4980	5560	5910	10/12
M350	3500	2000	2500	3000	3500	2480	2530	4800	5000	5580	5920	10/12
M370	3700	2000	2500	3000	3500	2580	2630	4820	5020	5600	5940	10/12
M400	4000	2000	2500	3000	3500	2780	2830	4890	5090	5670	6010	10/12
M450	4500	2000	2500	3000	3500	3030	3080	4930	5130	5710	6060	10/12
M500	5000	1650	2100	2600	3300	3280	3330	4980	5180	5760	6100	10/10
M550	5500	1400	1800	2300	2650	3580	3630	5070	5270	5850	6190	10/10
M600	6000	1000	1400	1900	2050	3830	3880	5110	5310	5890	6230	10/10

WIDE VIEW FULL FREE 2-STAGE MAST															
Mast model	Lifting height (mm)	Load capacity (load center 500mm) (kg)				Mast overall height (fork to the ground) (mm)		Free lifting height (with backrest) (mm)			Service weight (kg)				Mast tilting angle (°) α/β
		2t	2.5t	3t	3.5t	2-3t	3.5t	2-2.5t	3t	3.5t	2t	2.5t	3t	3.5t	
ZM300	3000	2000	2500	3000	3500	2230	2280	940	840	943	4770	4970	5550	5820	10/12
ZM330	3300	2000	2500	3000	3500	2380	2430	1090	990	1093	4800	5000	5580	5850	10/12
ZM350	3500	2000	2500	3000	3500	2480	2530	1190	1090	1193	4820	5020	5600	5870	10/12
ZM370	3700	2000	2500	3000	3500	2580	2630	1290	1190	1293	4840	5040	5620	5890	10/12
ZM400	4000	2000	2500	3000	3500	2780	2830	1490	1390	1493	4920	5120	5700	5970	10/12

WIDE VIEW FULL FREE 3-STAGE MAST															
Mast model	Lifting height (mm)	Load capacity (load center 500mm) (kg)				Mast overall height (fork to the ground) (mm)		Free lifting height (with backrest) (mm)			Service weight (kg)				Mast tilting angle (°) α/β
		2t	2.5t	3t	3.5t	2-3t	3.5t	2-2.5t	3t	3.5t	2t	2.5t	3t	3.5t	
ZSM360	3600	2000	2500	3000	3500	2030	2030	740	640	640	5090	5290	5650	5940	10/12
ZSM400	4000	2000	2500	3000	3500	2180	2180	890	790	790	5130	5330	5690	5980	10/12
ZSM435	4350	2000	2500	3000	3500	2280	2280	990	890	890	5160	5360	5720	6010	10/12
ZSM450	4500	2000	2500	3000	3500	2330	2330	1040	940	940	5170	5370	5740	6020	10/12
ZSM470	4700	2000	2500	3000	3400	2390	2390	1100	1000	1000	5190	5390	5760	6040	10/12
ZSM500	5000	1700	2100	2600	3300	2530	2530	1240	1140	1140	5230	5430	5790	6080	10/10
ZSM540	5400	1500	1600	1900	2700	2630	2630	1340	1240	1240	5260	5460	5820	6110	10/10
ZSM600	6000	1000	1100	1500	2000	2830	2830	1540	1440	1440	5360	5560	5930	6210	10/10

HELI

Reliable special designed instrument



- Engine coolant temperature
- Fuel level
- Oil temperature of drive axle
- LPG pressure
- Low brake pressure
- Engine alarm
- Charging indication
- Block of air cleaner
- Hand brake
- Seat switch
- Neutral indicator
- Safety belt switch
- Left turning
- Right turning
- Alarm of low fuel
- Alarm of engine oil pressure
- Preheating indication
- Hourmeter
- Intelligent shift
- Oil and water separator
- DPF parking regeneration request
- Two-wheel-drive switch
- Forcible no generation of DPF

2-3.5t R series Internal combustion balanced weight type off-road forklift truck

THE WALKER IS BOUNDLESS AND TRANSCENDS INFINITY.

Rough Terrain Forklift Truck



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

2-3.5t

R Series Internal combustion balanced weight type Off-road forklift truck

- 1.Beautiful shape, compact structure, small turning radius, light and flexible operation, full hydraulic power steering, steering wheel and seat adjustable angle and relative position, to meet the individual requirements of drivers.
- 2.The setting of various control handles is optimized according to ergonomic requirements to reduce labor intensity and improve production efficiency.

Good passability and off-road all-wheel drive, super chassis design, large pattern off-road special tires, driving like walking on the ground.



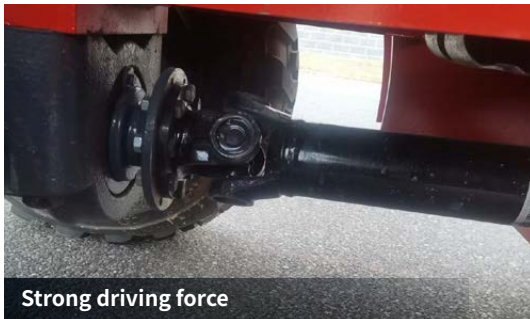
Large pattern special off-road tire

Superior configuration

- The manual differential lock feature, which activates only when you need it most, gives you the most economical option.
- Large corner four-wheel drive steering bridge, reduce vehicle turning radius.
- Standard drum brake, gentle braking, cost-effective. Optional wet brake, brake sensitive, no fear of any workers.

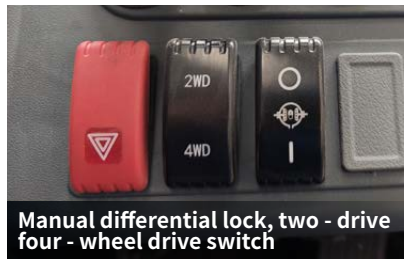


Superior performance

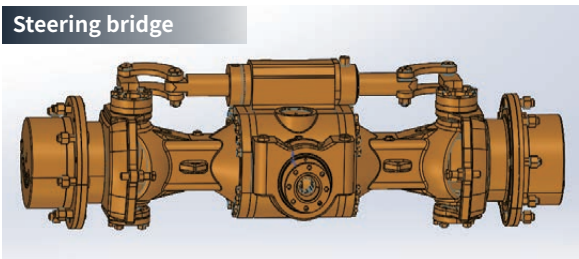


Strong driving force

Strong and efficient



Manual differential lock, two - drive four - wheel drive switch



Steering bridge

- Two configuration transmission options. The first 3 after 3 gear transmission, strong power, superior performance, while taking into account the power and driving the speed.
- The first 2 and the second 1 gear transmission, the king of cost performance.
- Two - drive four - wheel drive switch to the heart, energy efficient, fearless over the mountains.



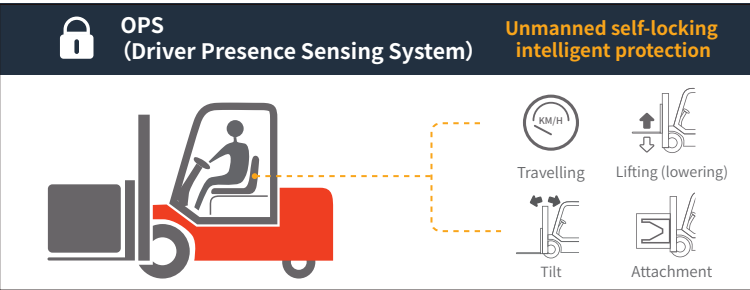
Driving comfort



- Equipped with full suspension seat, full LCD instrument display, reversing horn handle, integrated electric reversing handle, USB charging port, etc., provide a more comfortable driving experience.
- Intelligent shift operation mode, improve driving convenience.
- Double flashing lights are standard to help you drive safely.

Smart shift and full OPS features

- The in-position induction system is configured to effectively avoid misoperation and make the whole machine more intelligent and safe.
- Up to P65 protection grade full LCD meter, fully enclosed design, outdoor operation more reliable.



Manufacturer and technical parameters								
Character								
1.01 Manufacturer			HELI					
1.02 Model			CPCD20-KU5Y4R-2	CPCD25-KU5Y4R-2	CPCD30-KU5Y4R-2	CPCD35-KU5Y4R-2	CPCD30-KU6Y4R-3	CPCD35-KU6Y4R-3
1.03 Rated Capacity	kg		2000	2500	3000	3500	3000	3500
1.04 Load Center	mm		500	500	500	500	500	500
1.05 Power Type			Diesel					
1.06 Operation Mode			Seat-type					
Dimensions								
2.01 Lifting Height(standard)	H	mm	3000	3000	3000	3000	3000	3000
2.02 Mast Overall Height (Fork to the ground and mast be vertical)	H1	mm	2225	2225	2225	2275	2225	2275
2.03 Max.Fork Lifting Height(With backrest)	H2	mm	4185	4185	4375	4375	4375	4375
2.04 Free Lift Height	H3	mm	150	150	155	160	155	160
2.05 Overall Height	H4	mm	2420	2420	2420	2420	2420	2420
2.06 Min.Ground Clearance(At the mast)	H5	mm	290	290	290	290	290	290
2.07 Distance From the Surface of the seat to the Overhead Guard	H6	mm	1263	1263	1263	1263	1263	1263
2.08 Traction Pin Height	H9	mm	450	450	450	450	450	450
2.09 Backrest Height (Calculated from the surface of the fork)	H13	mm	1092	1092	1282	1287	1282	1287
2.10 Overall Length(With fork/Without fork)	(L/L')	mm	4164/3094	4164/3094	4224/3154	4229/3159	4224/3154	4229/3159
2.11 Wheel Base	L1	mm	1940	1940	2000	2000	2000	2000
2.12 Front Overhang	L2	mm	584	584	589	594	589	594
2.13 Rear Overhang	L3	mm	540	540	575	575	575	575
2.14 Overall Width	W1	mm	1600	1600	1600	1600	1600	1600
2.15 Tread (Front tread/Rear tread)	(W3/W2)	mm	1250	1250	1250	1250	1250	1250
2.16 Fork Adjustable Range (the external of the fork)(Max./Min.)	W5	mm	1560/250	1560/250	1560/250	1560/250	1560/250	1560/250
2.17 Min.Turning Radius(Exterior)	r	mm	3513	3513	3585	3585	3585	3585
2.18 Min.Turning Radius(Interior)	r'	mm	1295	1295	1295	1295	1295	1295
2.19 Min.Right Angle Stacking Aisle Width	Ra	mm	5589	5589	5589	5594	5589	5594
2.20 Mast Tilting Angle	α/β	deg.	10/12	10/12	10/12	10/12	10/12	10/12
2.21 Fork Size	(L4xWxT)	mm	1070×122×40	1070×122×40	1070×125×45	1070×125×50	1070×125×45	1070×125×50
Performance								
3.01 Max.Traveling Speed (Loaded/Unloaded)	No differential lock With differential lock	km/h	19 18	19 18	19 18	19 18	24 23	24 23
3.02 Max.Gradeability (Loaded/Unloaded)	No differential lock With differential lock	%	75 40	70 38	65 38	60 36	63 36	57 32
3.03 Max.Drawbar Pull (Loaded/Unloaded)	No differential lock With differential lock	kN	32 50	35 50	35 50	38 50	35 50	38 50
3.04 Lifting Speed (Loaded/Unloaded)	/	mm/s	504/510	504/510	510/560	420/450	510/560	420/450
3.05 Lowing Speed (Loaded/Unloaded)	/	mm/s	470/430	470/430	510/550	455/490	510/550	455/490
Weight								
4.01 Total Weight	kg		4850	5050	5400	5700	5500	5850
4.02 Weight Distribution Loaded (Front/Rear)	kg		5480/1370	6310/1240	6950/1450	7850/1400	7000/1500	7900/1450
4.03 Weight Distribution Unloaded (Front/Rear)	kg		1940/2910	2160/2890	2300/3100	2400/3350	2350/3150	2450/3400
Wheel and Tyre								
5.01 Wheel Number x= Drive Wheel (Front/Rear)			2X/2		2X/2		2X/2	
5.02 Tyre Type(Front/Rear)			Vacuum tyre		Vacuum tyre		Vacuum tyre	
5.03 Tyre Size(Front/Rear)			14-17.5-16PR/10-15.5-10PR		14-17.5-16PR/10-15.5-10PR		14-17.5-16PR/10-15.5-10PR	
5.04 Service Brake			Hydraulic-Foot Pedal		Hydraulic-Foot Pedal		Hydraulic-Foot Pedal	
5.05 Parking Brake			Ratchet parking brake		Ratchet parking brake		Ratchet parking brake	
Drive and Transmission Control Device (Standard configuration without differential lock, optional with differential lock)								
6.01 Battery(Voltage/Capacity)	V/Ah		12/95		12/95		12/95	
6.02 Engine Mode			KubotaV2403		KubotaV2403		KubotaV2607	
6.03 Engine Rated Power	kW/rpm		42.6/2400		42.6/2400		37.4/2400	
6.04 Engine Rated Torque	Nm/rpm		195.6/1500		195.6/1500		171.5/1500	
6.05 Emission			Euro stage V /EPA IV		Euro stage V /EPA IV		Euro stage V /EPA IV	
6.06 Tranmission Box Shifting Gears(Front/Rear type)			2-1Power Shift		2-1Power Shift		2-1Power Shift	

