

GROS



1-1.8 ton
ENGINE POWERED
FORKLIFT

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FORKLIFT



STANDARD EQUIPMENT

- Hour meter
- Horn
- Oil pressure alarm
- Three-spool control valve
- Power steering
- Rubber pedal pad
- Balances
- Backview mirror
- Front combined lights
- Transmission oil filter
- Engine flameout device
- Parking brake cable
- Water temperature meter
- Attachment tools
- Rear combined lights
- Reversing buzzer
- Self-locking tilt valve
- Tilt adjustable steering column
- Overhead guard
- Standard forks
- Central Control Box
- Hydraulic circuit oil filter
- Radiator tank
- Speed-limiting valve
- Oil meter
- Battery-charge indicator
- Wide-view mast
- Intake device
- Durable tires
- Operating handles
- Traction pin
- Standard seat
- Hydraulic oil gauge
- Overhead guard raincoat
- Torque converter oil gauge
- Combined display

OPTIONS

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

Manufacturer: **ANHUI HELI CO., LTD.**

AUTHORIZED DEALER

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



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Reliable forklift

A reliable Drive system



As the most reliable transmission system produced by HELI, it has been validated by over twenty years' experience in World market. Meanwhile, various ancillary devices of the power system ensure the reliability effectively.

- ✓ Durable transmission
- ✓ Equipped with the intake system & intake silencer
- ✓ Optional air filter pressure alarm device
- ✓ Automatic engine preheating system
- ✓ Cydome Air Filter
- ✓ Lost foam casting
- ✓ Various high-power engines are available for customers' optional choices, and the emission meets the latest European & American environmental regulation.

A reliable hydraulic system

HELI has the most professional R&D base of cylinders, where we take advantage of the advanced manufacturing technologies and detecting means to ensure the reliability of all cylinders of the hydraulic system.

- ✓ Standard tilt cylinder by HELI
- ✓ Standard lift cylinder by HELI
- ✓ Standard steering cylinder by HELI
- ✓ Self-locking tilt cylinder
- ✓ Standard hydraulic circuit filter
- ✓ Speed buffer device on lifting system



A reliable steering system

The steering system with new technologies not only provides a smoother swerve and faster positioning & steering, but also effectively ensures operators' safety.



- ✓ Wearable tire
- ✓ Smaller turning radius
- ✓ Full hydraulic powersteering



A reliable mast



The high internal-qualified mast confirmedly ensures the safety of the operator, truck and cargo. Standard configuration of the wide-view mast enlarges operators' view effectively, and ensures loading/unloading operations more reliable.

- ✓ Using the best German steel material for triplex mast (option only for triplex mast)
- ✓ The frame of mast has more strength basing on the enlarged channel interface.
- ✓ Clear visibility for standard wide-view mast
- ✓ The channel with own patented technology has the first-rate quality.

Comfortable operation space

Large operation space with ergonomic-design and configuration ensure the operation more comfortable & convenient, and effectively enhance the efficiency & safety of operation.

- ✓ Filled with noise-reducing and buffer rubber material between bonnet and frameworks
- ✓ Newly patented insulation materials of Bonnet
- ✓ Well-designed non-slip mat
- ✓ Special display with easily reading
- ✓ Standard files packet
- ✓ Exhaust system is flexibly connected with the frame.





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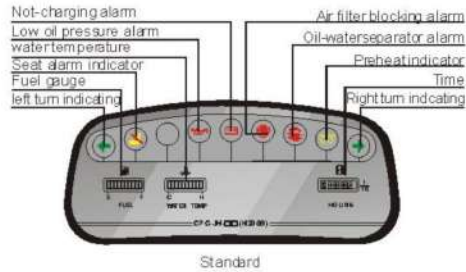
1-1.8 ton



Manufacturers Data and Design Characteristics															
Characteristics															
1	Manufacturer		ANHUI HEU CO., LTD.												
2	Model		CPC10	CPCD10	CPC15	CPCD15	CPC18	CPCD18	CPG10	CPQD10	CPQ15	CPQD15	CPQ18	CPQD18	
3	Power unit		Diesel						Gasoline						
4	Rated Capacity	kg	1000		1500		1750		1000		1500		1750		
5	Load Center	mm	500												
6	Operation		Driver seated												
Dimensions															
7	Overall max lifting height (with backrest)	h4	mm	4030		4030		4030		4030		4030		4030	
8	Max Lifting height	h3	mm					3000							
9	Height mast retracted/upright	h1	mm	1995		1995		1995		1995		1995		1995	
10	Free lift height	h2	mm	152		155		155		152		155		155	
11	Backrest height(from upper face of forks)	h8	mm	1008		1005		1005		1008		1005		1005	
12	Overhead Guard clearance(from face of seat)	h7	mm					1025							
13	Overall height(overhead guard)	h6	mm	2070		2070		2070		2070		2070		2070	
14	Overall length(with forks)	L1	mm	2941		3165		3213		2941		3165		3213	
15	Overall length(without forks)	L2	mm	2171		2245		2293		2171		2245		2293	
16	Front overhang	X	mm	418		421		421		418		421		421	
17	Rear overhang	L4	mm	350		420		465		350		420		465	
18	Wheel base	L5	mm	1400		1400		1400		1400		1400		1400	
19	Coupler height	h5	mm	250		250		250		250		250		250	
20	Min ground clearance under mast	m1	mm	110		110		110		110		110		110	
21	Overall width	B	mm	1070		1070		1070		1070		1070		1070	
22	Lateral fork adjustment outside of fork(Max./Min.)	S	mm					950/200							
23	Tread(front)	R	mm	890		890		920		890		890		920	
24	Tread(rear)	P	mm	920		920		920		920		920		920	
25	Outside turning radius	W6	mm	1880		1955		1985		1880		1955		1985	
26	Inside turning radius	V	mm	110		110		95		110		110		95	
27	Min intersecting aisle	Ra	mm	1977		2052		2093		1977		2052		2093	
28	Tilting angles(forward/backward)	α/β						6°/12°							
29	Fork dimensions(α×b×c)		mm	770×100×32		920×100×35		920×100×35		770×100×32		920×100×35		920×100×35	
Performance															
30	Max. Traveling speeds(With/Without load)		km/h					13.5/14.5							
31	Lifting Speeds(With/Without load)		mm/s					590/650							
32	Lowering Speeds(With/Without load)		mm/s					450/550							
33	Max. Draw-bar pull.(With/Without load)		kN	12.3/7	18/7	12.3/7	18/7	12.3/7	18/7	9.3/6.9	14.2/6.9	9.3/6.9	14.2/6.9	9.3/6.9	14.2/6.9
34	Max. Negotable Gradient(With/Without load)		%			>20				30/22	37/22	23/18	27/18	20/17	24/17
Weights															
35	Service Mass		kg	2220		2680		2890		2220		2680		2890	
36	Load Wheel with load(Front/Rear)		kg	2830/390		3640/520		4040/600		2830/390		3640/520		4040/600	
37	Load Wheel without load(Front/Rear)		kg	1220/1000		1170/1490		1140/1750		1220/1000		1170/1490		1140/1750	
Tyres															
38	Wheels number front/rear(x=driven)							2x/2							
39	Tyre Type							Pneumatic							
40	Tyre size(front)							6.50-10-10PR							
41	Tyre size(rear)							5.00-8-8PR							
42	Service Brake							Hydraulic-Foot Pedal							
43	Parking Brake							Mechanical-Hand Lever							
Drive															
44	Battery (Voltage/Capacity)		V/Ah			12/60						12/60			
45	Internal Combustion Engine Model					ISUZU C240PKJ						NISSAN K15			
46	Internal Combustion Engine Rated Output		kW/rpm			35.4/2500						23.6/2400			
47	Internal Combustion Engine Rated Torque		Nm/rpm			139.9/1800						103/1600			
48	Internal Combustion Engine Number of Cylinder					4-88×102						4-75.5×83			
49	Internal Combustion Engine Displacement		L			2.369						1.468			
50	Internal Combustion Engine Fuel Tank Capacity		L			38						38			
51	Transmission Number of Speed Fwd/Bwd type					1-1 Power Shift T/M, 2-2 Manual Shift T/M						1-1 Power Shift T/M, 2-2 Manual Shift T/M			

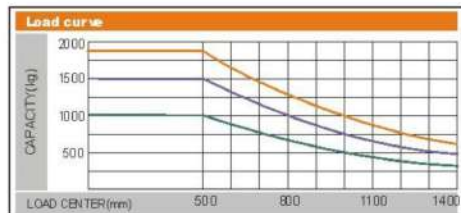
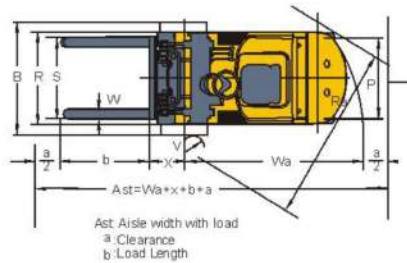
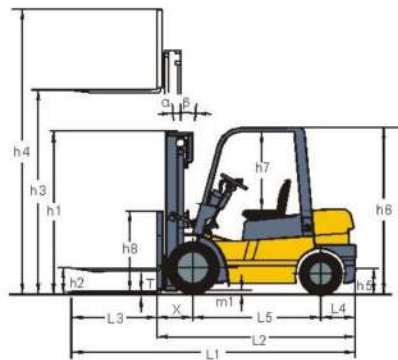
Engine Model and Main Specification for Option					
Engine Model	Rated Power / Rotating Speed (kW/rpm)	Rated Torque / Rotating Speed (Nm/rpm)	Engine Capacity (L)	Number of cylinders	Remark
Kubota V2403	35/4000	161/3160	2.434	4	For 1-1R
JAN(GUN)H4E	33/2300	153/1800	2.771	4	For 1-1R
XINCHANG NC466PG	30/2500	131/1700-1900	2.27	4	For 1-1R

Reliable special designed instrument



The reliable special instrument gives a complete display of the vital information, like operation status, fault detection, etc. It ensures the operator predominate the vehicle status more intuitive and convenient.

- ✓ Stepping motor core
- ✓ Electrical safety standard meets CE requirements



Note:
Capacities shown are computed with upright in vertical position, based on a 1000mm cube load configuration with the center of gravity at the true center of the cube, and standard forks. Truck capacities with upright in forward tilt position will be less. Long forks, and unusually wide or loads may also reduce capacity.

1-1.8t WIDE VIEW MAST											
Mast Model	Max. Fork height (mm)	Capacity at 500mm Load center (kg)				Overall Mast Height (mm) At Lowered	Tilt Angle	Service Weight (kg)			
		CFO10/CPCD10/CFO10	CFO15/CPCD15/CFO15	CFO18/CPCD18/CFO18	CFO19/CPCD19/CFO19			CFO10/CPCD10/CFO10	CFO15/CPCD15/CFO15	CFO18/CPCD18/CFO18	CFO19/CPCD19/CFO19
MM20	2000	1000	1500	1900	1485	8-12	2120	2530	2780	2780	
MM25	2500	1000	1500	1900	1745	8-12	2145	2555	2785	2785	
MM30	3000	1000	1500	1900	1925	8-12	2220	2630	2850	2850	
MM35	3500	1000	1500	1900	2155	8-12	2185	2535	2835	2835	
MM40	4000	1000	1500	1900	2295	8-12	2210	2520	2830	2830	
MM45	4500	1000	1500	1900	2345	8-12	2230	2540	2870	2870	
MM50	5000	1000	1500	1900	2545	8-12	2260	2580	2910	2910	
MM55	5500	950	1400	1800	2670	8-8	2285	2595	2925	2925	
MM60	6000	950	1400	1800	2795	8-12	2300	2710	2940	2940	
MM65	6500	900	1300	1700	2795	8-12	2335	2745	2975	2975	
MM70	7000	850	1200	1600	2845	8-8	2510	2910	3140	3140	
MM75	7500	850	1200	1600	2965	8-8	2510	2910	3170	3170	

- NOTE: (1) For gas, diesel model -40kg dual wheel weight +10kg
(2) (Front wheel) is dual wheel load capacity
(3) Rate of capacity with (T) shows capacity with front dual tires
(4) Max lifting without lift bracket -470mm.

1-1.8t WIDE VIEW FULL FREE 2-STAGE MAST												
Mast Model	Max. Fork height (mm)	Capacity at 500mm Load center (kg)				Overall Mast Height (mm) At Lowered	Free Lift (with Bracket)	Tilt Angle	Service Weight (kg)			
		CFO10/CPCD10/CFO10	CFO15/CPCD15/CFO15	CFO18/CPCD18/CFO18	CFO19/CPCD19/CFO19				CFO10/CPCD10/CFO10	CFO15/CPCD15/CFO15	CFO18/CPCD18/CFO18	CFO19/CPCD19/CFO19
ZM20	2000	1000	1500	1750	1535	82.0	8-12	2135	2555	279.5	279.5	
ZM25	2500	1000	1500	1750	1745	73.0	8-12	2160	2580	285.5	285.5	
ZM30	3000	1000	1500	1750	1925	68.0	8-12	2230	2650	290.0	290.0	
ZM35	3500	1000	1500	1750	2145	61.35	8-12	2250	2670	291.0	291.0	
ZM40	4000	1000	1500	1750	2245	52.25	8-12	2255	2685	292.5	292.5	
ZM45	4500	1000	1500	1750	2370	43.0	8-8	2280	2700	294.0	294.0	
ZM50	5000	1000	1500	1750	2545	35.45	8-8	2330	2780	299.0	299.0	
ZM55	5500	950	1400	1600	2670	30.0	8-8	2350	2790	301.0	301.0	
ZM60	6000	950	1400	1600	2795	27.95	8-8	2365	2795	302.5	302.5	
ZM65	6500	900	1300	1500	2845	23.35	8-8	2400	2820	309.0	309.0	
ZM70	7000	850	1200	1400	2965	20.35	8-8	2460	2895	323.5	323.5	
ZM75	7500	850	1200	1400	3065	19.6	8-8	2510	3030	327.0	327.0	

- NOTE: (1) Dual wheel weight +10kg
(2) (Front wheel) is dual wheel load capacity
(3) Max lifting height with bracket -470mm
(4) Free lifting height with bracket -470mm
(5) Rate of capacity with (T) shows capacity with front dual tires.

1-1.8t WIDE VIEW FULL FREE 3-STAGE MAST												
Mast Model	Max. Fork height (mm)	Capacity at 500mm Load center (kg)				Overall Mast Height (mm) At Lowered	Free Lift (with Bracket)	Tilt Angle	Service Weight (kg)			
		CFO10/CPCD10/CFO10	CFO15/CPCD15/CFO15	CFO18/CPCD18/CFO18	CFO19/CPCD19/CFO19				CFO10/CPCD10/CFO10	CFO15/CPCD15/CFO15	CFO18/CPCD18/CFO18	CFO19/CPCD19/CFO19
SM20	2000	1000	1500	1750	1790	80.0	8-8	2275	2665	293.5	293.5	
SM25	2500	1000	1500	1750	1915	71.0	8-8	2300	2720	298.0	298.0	
SM30	3000	1000	1500	1750	2040	63.0	8-8	2325	2745	298.5	298.5	
SM35	3500	1000	1500	1750	2165	56.0	8-8	2355	2780	300.5	300.5	
SM40	4000	1000	1500	1750	2290	49.0	8-8	2385	2780	300.5	300.5	
SM45	4500	1000	1500	1750	2415	43.0	8-8	2410	2815	305.5	305.5	
SM50	5000	1000	1500	1750	2540	37.0	8-8	2460	2875	311.0	311.0	
SM55	5500	950	1400	1600	2665	32.0	8-8	2500	2925	316.5	316.5	
SM60	6000	900	1300	1500	2790	27.0	8-8	2550	2985	321.5	321.5	
SM65	6500	850	1200	1400	2915	22.0	8-8	2600	3045	326.5	326.5	
SM70	7000	850	1200	1400	3040	17.0	8-8	2650	3105	331.5	331.5	

- NOTE: (1) Dual wheel weight +10kg
(2) (Front wheel) is dual wheel load capacity
(3) Max lifting height with bracket -470mm
(4) Free lifting height with bracket -470mm
(5) Rate of capacity with (T) shows capacity with front dual tires.