



**2-3.5t**  
Balance weight type  
forklift

**Standard configuration**

Fork	Control valve
Water temperature gauge	Transmission oil filter element
Traction pin	Backward buzzer
Backrest	Transmission oil dipstick
Overhead guard	Hydraulic oil return circuit filter element
Horn	Neutral gear safety switch
Reversing light	Overhead guard rain cover
Hour meter	Air inletting device
Oil lever gauge	Durable tread tyre
Charging indicator	Cable type parking brake
Tool	Hydraulic oil dipstick
Oil pressure alarm	Preheating indicator
Steering indicator	Wholley hydraulic powered steering
Wide view mast	Lifting oil circuit flow regulator
Standard seat	Lifting and tilting operation lever
Front lamp	Whirlwind air cleaner
Rear combined light	Tilting adjustable steering column
Pedal pad	Engine automatic preheating system

**Optional Devices and Accessories**

Driver's cab
speedometer
Fire extinguisher
Solid tyre
Rear working lamp
Auxiliary pipeline
Suspension seat
Customer made color
Transmission oil temperature gauge
Warm air blower
High air exhausting device
Tilt cylinder jacket

**Optional attachments**

String rod
Lifting hook
Side shifter
Paper roll clamp
Rotating fork
Cargo boom
Lengthening fork
Multipurpose drum clamp
Rotating flat clamp
Widen fork arm carrier
Lengthening fork extension
Load stabilizer
Load push pull
tipping fork, tipping bucket
Wide view free-lift mast (two-stage)
Wide view free-lift mast (three-stage)

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

AUTHORIZED DEALER



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

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# GROS

## Reliable forklift

Reliability is based on first-class manufacturing technology.

### 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
- ✓ Cyclone 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.

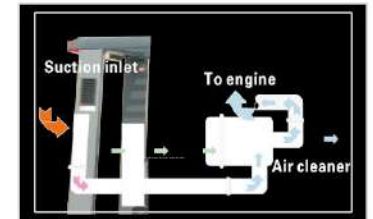
### Ease of service



- ✓ Installation of heat resistance and sound absorbing material and rubber sealing.
- ✓ Easy lift engine hood with wide 80 degree opening.
- ✓ Engine hood assist damper with lock device.



### Air intaking system



Air suction inlet installing on top of the overhead guard brace far away from the dust produced when travelling, cleaner air sucked prolonging engine service life.

### Excellent cooling system



- ✓ Using Aluminium plain plate corrugated fin type radiator, Which has higher heat transfer capability.
- ✓ Optimise cooling system and ensure engine performance even in extreme temperatures and environments.

### Reliable casting steering axle



- ✓ Compact structure, small deformation when loading.
- ✓ Shock absorber installed improving driving comfort.
- ✓ Dust proof and water proof structure increasing service life and reliability effectively.
- ✓ Low maintenance cost in later stage

# 2-3.5t

## Balance weight type forklift



### Manufacturers Data and Design Characteristics

Characteristics													
<b>ANHUI HELI CO., LTD.</b>													
1	Manufactory												
2	Model		CP(Q)Y25	CP(Q)YD25	CP(Q)Y30	CP(Q)YD30	CP(Q)Y35	CP(Q)YD35	CPCD20	CPCD25	CPCD30	CPCD35	
3	Power Type		Gasoline or LPG						Diesel				
4	Rated Capacity		2500		3000		3500		2000	2500	3000	3500	
5	Load Center		500										
6	Driving mode		Sit-on type										
Size													
7	Overall max. lifting height (with backrest)	h4	mm	4030		4262		4217		4030	4030	4262	4217
8	Max Lifting height	h3	mm	3000									
9	Height mast retracted (upright)	h1	mm	1995		2070		2180		1995	1995	2070	2180
10	Free lift height	h2	mm	168		168		170		168	168	168	170
11	Backrest height (from upper face of forks)	h8	mm	1000		1227		1177		1000	1000	1227	1177
12	Overhead Guard clearance (from face of seat)	h7	mm	1000									
13	Overall height (overhead guard)	h6	mm	2170		2190		2190		2170	2170	2190	2190
14	Overall length (without forks)	(L1/L2)	mm	3646/2576		3752/2682		3763/2693		3422/2502	3646/2576	3752/2682	3763/2693
15	Front overhang	X	mm	477		479		498		477	477	479	498
16	Rear overhang	L4	mm	494		495		495		420	494	495	495
17	Wheel base	L5	mm	1600		1700		1700		1600	1600	1700	1700
18	Coupler height	h5	mm	290		310		310		290	310	310	310
19	Min ground clearance under mast	m1	mm	110		135		135		110	110	135	135
20	Overall width	B	mm	1170		1225		1225		1170	1170	1225	1225
21	Lateral fork adjustment (Outside of fork)	R	mm	1024/200		1060/250		1060/250		1024/200	1024/200	1060/250	1060/250
22	Tread (front)	(S/P)	mm	970/970		1000/970		1000/970		970/970	970/970	1000/970	1000/970
23	Inside turning radius	Wa	mm	2240		2400		2420		2170	2240	2400	2420
24	Outside turning radius	V	mm	160		200		200		160	160	200	200
25	Min intersecting aisle	Ra	mm	2280		2380		2400		2200	2280	2380	2400
26	Tilting angles (forward/backward)	α / β		6°/12°									
27	Fork Size	a×b×c	mm	1070×122×40		1070×125×45		1070×125×50		920×122×40	1070×122×40	1070×125×45	1070×125×50
Performance													
28	Max. Traveling speeds (laden/unladen)	km/h		19/20		19/20		19/19		18/19	18/19	19/20	18/18
29	Lifting Speeds (laden/unladen)	mm/s		490/530		450/500		340/380		506/545	506/545	465/490	360/380
30	Lowering Speeds (laden/unladen)	mm/s		450/550		450/550		350/400		450/550	450/550	350/400	350/400
31	Max. Draw-bar pull (laden/unladen)	kN		9.8/8.6	12/8.6	13.5/9.8	15/9.8	14/9.8	17/9.8	18.3/13.3	18.3/13.3	20/15.8	18.1/13.4
32	Max. Negotiable Gradient (laden/unladen)	%		15/20	15/20	17/20	19/16.9	15/15	14.5/15	20/20	20/20	15/20	20/20
Weight													
33	Service Mass	kg		3700		4300		4700		3380	3700	4300	4700
34	Load Wheel laden (Front/Rear)	kg		5562/618		6543/727		7380/820		4788/532	5562/618	6543/727	7380/820
35	Load Wheel unladen (Front/Rear)	kg		1472/2208		1708/2562		1880/2820		1328/1992	1472/2208	1708/2562	1880/2820
Tyres													
36	Wheel (Front/Rear) X=Driving Whee			2X/2									
37	Tyre (Front/Rear)			Pneumatic tyre									
38	Tyre size (Front/Rear)			7.00-12-12PR/6.00-9-10PR		28×9-15-12PR/ 6.50-10-10PR		28×9-15-14PR/ 6.50-10-10PR		7.00-12-12PR/6.00-9-10PR	7.00-12-12PR/6.00-9-10PR	28×9-15-12PR/ 6.50-10-10PR	28×9-15-14PR/ 6.50-10-10PR
39	Service Brake			Hydraulic-Foot Pedal									
40	Parking Brake			Mechanical-Hand Lever									
Drive and transmission control device													
41	Battery Voltage/Capacity	V/Ah		12/80									
42	Internal Combustion Engine Model			NISSAN K25				ISUZU C240PKJ				Mitsubishi S4S	
43	Internal Combustion Engine Rated Output	kW/rpm		37.4/2400				35.4/2500				35.3/2250	
44	Internal Combustion Engine Rated Torque	Nm/rpm		176.5/1600				139.9/1800				177/1700	
45	Internal Combustion Engine Number of Cylinder			4-89×100				4-86×102				4-94×120	
46	Internal Combustion Engine Displacement	L		2.488				2.369				3.331	
47	Internal Combustion Engine Fuel Tank Capacity	L		60									
48	Transmission Number of Speed Fwd/Bwd type			1-1 Power Shift T/M / 2-2 Manual Shift T/M									

