

BALANCE WEIGHT TYPE FORKLIFT

4-5 Ton

DUPLEX MAST

Mast model	Max. Lifting Height	Load capacity(Load center 500mm)			Service Mass			Height mast retracted (Upright) (mm)	Tilting angles (Forward/backward)
		CPCD40	CPCD45	CPCD50	CPCD40	CPCD45	CPCD50		
		CPQY(D40)	CPQY(D45)	CPQY(D50)	CPQY(D40)	CPQY(D45)	CPQY(D50)		
M260	2600	4000	4500	5000	6370	6670	6970	2075	6°/12°
M270	2700	4000	4500	5000	6380	6680	6980	2125	6°/12°
M300	3000	4000	4500	5000	6400	6700	7000	2275	6°/12°
M330	3300	4000	4500	5000	6420	6720	7020	2425	6°/12°
M350	3500	4000	4500	5000	6440	6740	7040	2525	6°/12°
M370	3700	4000	4500	5000	6450	6750	7050	2625	6°/12°
M375	3750	4000	4500	5000	6460	6760	7060	2650	6°/12°
M400	4000	4000	4500	5000	6510	6810	7110	2825	6°/12°
M425	4250	*3800 *4000	*4300 *4500	*4700 *5000	6530	6830	7130	2950	6°/6°
M450	4500	*3700 *4000	*4200 *4500	*4600 *5000	6550	6850	7150	3075	6°/6°
M475	4750	*3700 *4000	*4200 *4500	*4600 *5000	6580	6880	7170	3200	6°/6°
M500	5000	*3700 *4000	*4200 *4500	*4600 *5000	6590	6890	7190	3325	6°/6°
M550	5500	*3200	*3800	*3800	6640	6940	7240	3575	3°/6°
M600	6000	*2900	*3200	*3600	6670	6970	7270	3825	3°/6°

NOTE: (1) Rated capacity with (*) shows capacity with front dual tires.
(2) M300 is Standard Equipment.

DUPLEX FULL FREE MAST

Mast model	Max. Lifting Height	Load capacity(Load center 500mm)			Service Mass			Height mast retracted (Upright) (mm)	Free Lift (with Backrest)	Tilting angles (Forward/backward)
		CPCD40	CPCD45	CPCD50	CPCD40	CPCD45	CPCD50			
		CPQY(D40)	CPQY(D45)	CPQY(D50)	CPQY(D40)	CPQY(D45)	CPQY(D50)			
ZM261	2610	4000	4500	5000	6510	6810	7110	830	6°/12°	
ZM271	2710	4000	4500	5000	6520	6820	7120	2160	6°/12°	
ZM300	3000	4000	4500	5000	6550	6850	7150	2305	1025	6°/12°
ZM330	3300	4000	4500	5000	6580	6880	7180	2455	1175	6°/12°
ZM350	3500	4000	4500	5000	6600	6900	7200	2555	1275	6°/12°
ZM375	3750	4000	4500	5000	6630	6930	7230	2680	1400	6°/12°
ZM400	4000	4000	4500	5000	6680	6980	7280	2805	1525	6°/12°
ZM450	4500	*3700 *4000	*4200 *4500	*4600 *5000	6720	7020	7320	3055	1775	6°/6°
ZM500	5000	*3200 *3400	*3800 *4000	*4000 *4200	6770	7070	7370	3305	2025	6°/6°
ZM550	5500	*3200	*3600	*3800	6800	7100	7400	3555	2275	3°/6°
ZM600	6000	*2900	*3200	*3600	6830	7130	7430	3805	2525	3°/6°

NOTE: (1) Rated capacity with (*) shows capacity with front dual tires.
(2) The free height of full free 2-stage mast without backrest*325mm.

TRIPLEX FULL FREE MAST

Mast model	Max. Lifting Height	Load capacity(Load center 500mm)			Service Mass			Height mast retracted (Upright) (mm)	Free Lift (with Backrest)	Tilting angles (Forward/backward)
		CPCD40	CPCD45	CPCD50	CPCD40	CPCD45	CPCD50			
		CPQY(D40)	CPQY(D45)	CPQY(D50)	CPQY(D40)	CPQY(D45)	CPQY(D50)			
ZSM392	3920	*3800	*4100	*4400	6840	7140	7440	2250	960	6°/6°
ZSM435	4350	*3800	*4200	*4600	6860	7160	7460	2395	1105	6°/6°
ZSM450	4500	*3800	*4300	*4700	6880	7180	7480	2445	1155	6°/6°
ZSM470	4700	*3750	*4300	*4800	6900	7200	7500	2515	1265	6°/6°
ZSM480	4800	*3750	*4300	*4800	6910	7210	7510	2545	1300	6°/6°
ZSM480	4800	*3750	*4300	*4800	6930	7230	7530	2645	1350	6°/6°
ZSM540	5400	*3200	*3700	*4000	6970	7270	7570	2760	1475	3°/6°
ZSM600	6000	*2500	*3000	*3400	7050	7350	7650	3010	1715	3°/6°

NOTE: (1) Rated capacity with (*) shows capacity with front dual tires.
(2) The free height of full free 3-stage mast without backrest*355mm.

HELI
LIFTING THE FUTURE



H series 4-5 ton
BALANCE WEIGHT TYPE FORKLIFT



CE Certification ISO9001 Certification

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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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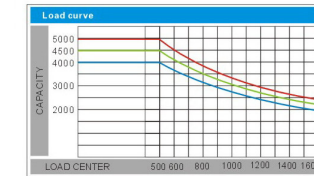
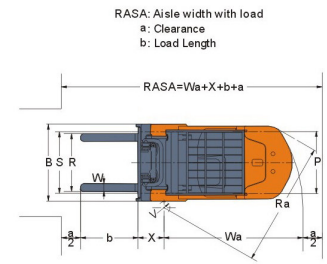
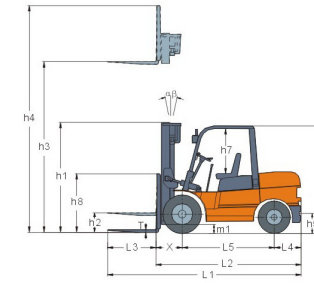
H series 4-5 ton
BALANCE WEIGHT TYPE FORKLIFT

HELI
LIFTING THE FUTURE

Top 10 forklift manufacturer in the world
No.1 in China market for the 24 consecutive year

H SERIES Reliable forklift

Characteristics																	
1	Manufacturer	ANHUI HELI CO., LTD.															
2	Model	CPCD40-WX5	CPCD45-WX5	CPCD50-WX5	CPCD40-M2	CPCD45-M2	CPCD50-M2	CPCD40-TY5 CPYD40-TY5 CPQYD40-TY5	CPCD45-TY5 CPYD45-TY5 CPQYD45-TY5	CPCD50-TY5 CPYD50-TY5 CPQYD50-TY5	CPCD40-TY6 CPYD40-TY6 CPQYD40-TY6	CPCD45-TY6 CPYD45-TY6 CPQYD45-TY6	CPCD50-TY6 CPYD50-TY6 CPQYD50-TY6	CPC40-WX5	CPC45-WX5	CPC50-WX5	
3	Power unit	Diesel															
4	Rated Capacity	kg	4000	4500	5000	4000	4500	5000	4000	4500	5000	4000	4500	4000	4500	5000	
5	Load Center	mm	500														
6	Operation	Seated															
Dimensions																	
7	Overall max. lifting height (with backrest)	h4	mm											4250			
8	Standard lifting height	h3	mm											3000			
9	Height mast retracted (upright)	h1	mm											2275			
10	Free lift height	h2	mm											150			
11	Backrest height (from upper face of forks)	h8	mm											1250			
12	Overhead Guard clearance (from face of seat)	h7	mm											1000			
13	Overall height (overhead guard)	h6	mm											2350			
14	Overall length (with forks/without forks)	L1/L2	4145/3075	4165/3095	4209/3139	4145/3075	4165/3095	4209/3139	4145/3075	4165/3095	4209/3139	4145/3075	4165/3095	4209/3139	4145/3075	4165/3095	4209/3139
15	Front overhang	X	mm											590			
16	Rear overhang	L4	mm											540			
17	Wheel base	L5	mm											2000			
18	Coupler height	h5	mm											300			
19	Min ground clearance under mast	m1	mm											175			
20	Overall width	B	mm											1480			
21	Lateral fork adjustment outside of fork (Max./Min.)	R	mm											1340/300			
22	Tread (front/rear)	S/P	mm											1180/1190			
23	Outside turning radius	Wa	2720	2740	2780	2720	2740	2780	2720	2740	2780	2720	2740	2780	2720	2740	2800
24	Inside turning radius	V	mm											220			
25	Min intersecting aisle	Ra	mm											2480			
26	Tilting angles (forward/backward)	α / β	°											2480 / 2500			
27	Fork dimensions (a/b/c)	mm		1070 X 150 X 50													
Driving Performance																	
28	Max. Traveling speeds (With/Without load)	km/h	24/25			25/26			25/26			18/19					
29	Lifting Speeds (WW/L)	mm/s	435/460			480/520			460/520			460/480					
30	Lowering Speeds (WW/L)	mm/s	<800 / >300														
31	Max. Draw-bar pull (WW/L)	kN	24/16			22/16			22/16			30/15					
32	Max. Gradeability (WW/L)	%	20/20	19/20	17/20	18/20	17/20	18/20	20/20				20/20				
Weights																	
33	Service Mass	kg	6400	6700	7000	6400	6700	7000	6400	6700	7000	6100	6400	6700			
34	Load Wheel with load (Front/Rear)	kg	8870/1530	9550/1650	10200/1800	8870/1530	9550/1650	10200/1800	8870/1530	9550/1650	10200/1800	8450/1650	9200/1700	9550/1800			
35	Load Wheel without load (Front/Rear)	kg	2760/3640	2680/4020	2600/4400	2760/3640	2680/4020	2600/4400	2760/3640	2680/4020	2600/4400	2600/3500	2550/3850	2550/4150			
Tyres																	
36	Wheels number front/rear (x=driven)	2x/2															
37	Tyre Type	Pneumatic															
38	Tyre size (front)	8.25-15.14PR			300-15.22PR			8.25-15.14PR			300-15.22PR			8.25-15.14PR			
39	Tyre size (rear)	7.00-12-12PR															
40	Service Brake	hydraulic type											Mechanical type				
41	Parking Brake	Mechanical manual type															
Drive																	
42	Battery (Voltage/Capacity)	V/Ah	24/80			12/100			24/80								
43	Engine Model	Xichai Ca4110			Mitsubishi S6S-230			GM4.3L (Non-Certified)			GM4.3L (Certified)			Xichai Ca4110			
44	Engine Fuel	Diesel			Gasoline/LPG (single/dual fuel)			Diesel			Gasoline/LPG (single/dual fuel)			Diesel			
45	Engine Rated Output	kW/rpm	61/2200			52/2300			70/2300 76.8/2300			70/2300 76.8/2300			61/2200		
46	Engine Rated Torque	Nm/rpm	305/1400-1600			248/1700			287/1700 323.5/1700			287/1700 323.5/1700			305/1400-1600		
47	Engine Number of Cylinder	4-φ110×125			6-φ94×120			6-φ101.8×88.39			6-φ101.8×88.39			4-φ110×125			
48	Engine Displacement	L	4.75			4.96			4.294			4.294			4.75		
49	Fuel Tank Capacity	L	90														
50	Transmission type	hydraulic type											Mechanical type				
51	Transmission Number of Speed Fwd/Bwd	2-1 Electro-hydraulic											2-2 Mechanical-Hand				



RASA: Aisle width with load
a: Clearance
b: Load Length

RASA = Wa + X + b + a

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

STANDARD EQUIPMENT

- Standard Fork
- Standard Fork Carriage
- M300 2-stage Mast
- Overhead Guard
- Single Air Filter
- Standard Muffler
- Three-spool Control Valve
- Pneumatic Tyres
- Standard Seat
- Tool Kits

OPTIONS

- Cab
- Beacon
- Dual Air Filter
- Heater
- Electric Fan
- Fire Extinguisher
- Fences
- Dual Tyres
- Solid Tire
- Longer Fork
- Windglass
- Rear Working Lights
- Non-standard Fork Carriage
- Four/Five-spool Control Valve
- Vertical Exhaust
- Spark Arrester Muffler

ATTACHMENT SELECTION

- Sideshifter
- Fork Positioner
- Paper Roll Clamp
- Push/Pull
- Carton Clamp
- Rotator
- Bale Clamp
- Block Clamp
- Tyre Clamp
- Drum Clamp
- Fork Clamp
- Turnload
- Single Double Pallet Handlers
- Double Wide Sideshifters
- Load Stabilizer
- Tipping Multi-Purpose Clamp