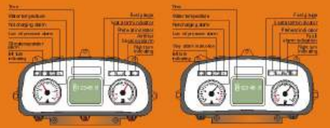
https://truckmanualshub.com/

CHL

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
- ✓ Programmable LCD
- ✓ Electrical safety standard meets CE requirements



8-10 ton ENGINE POWERED FORKLIFT

STANDARD EQUIPMENT

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

OPTIONS

- Cab
- Rotating warning light
- Vertical exhaust
- Double air filter
- Suspension seat
- Extended fork sleeve
- Heater
- Solid tire
- Widening fork carriage
- Weightjaws
- 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
- Usps-specified color
- Optional attachments

Manufacturer: ANHUI HELI CO., LTD.
NO.668 Fangxing Street,Economical Development Zone,
Hefei,P.R.China
TEL:(0086-551-63639458
FAX:(86 551)63639988
WEBSITE:HTTP://WWW.CHLFORKLIFT.COM
E-MAIL:cn@chlforklift.com

AUTHORIZED DEALER

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

© 2013 heli copyright

Catalog No.20 03 10 HELI Print

CHL

8-10 ton ENGINE POWERED FORKLIFT

ENGINE POWERED FORKLIFT 8-10 ton

CHL

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 the world market. Meanwhile, various ancillary devices of the power system ensure the reliability effectively.

- ✓ Durable transmission
- ✓ Equipped with the intake system
- ✓ Standard distribution of 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

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 cylinderby HELI
- ✓ Standard lift cylinderby 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.

- ✓ Full hydraulic power steering
- ✓ Smaller turning radius
- ✓ Wearable tire

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

- ✓ Using the best German steel material for triplex mast
- ✓ The frame of mast has more strength basing on the enlarged channel interface.

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.

- ✓ Newly patented insulation materials of Bonnet
- ✓ Well-designed non-slip mat
- ✓ Special display with easily reading
- ✓ Standard files packet
- ✓ Standard distribution of overhead guide raincoat
- ✓ Filled with noise-reducing and buffer rubber material between bonnet and frameworks

https://forklift-manuals.jimdofree.com

https://truckmanualshub.com/

ENGINE POWERED FORKLIFT **8-10 ton**

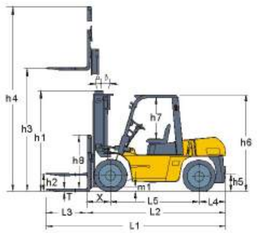
CHL

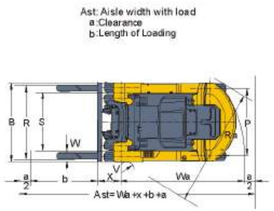
Manufacturers Data and Design Characteristics

	Characteristics						
1	Manufacturer			ANHUI HELI CO.,LTD.			
2	Model			CPCD80	CPCD100	CPCD80	CPCD100
3	Power unit			Diesel			
4	Rated Capacity		kg	8000	10000	8000	10000
5	Load Center		mm	500			
6	Operation			Driver Seated			
	Dimensions						
7	Overall max. lifting height (with backrest)	h4	mm	4360	4085	4360	4085
8	Max. lifting height	h3	mm	3000			
9	Height mast retracted(upright)	h1	mm	2700	2850	2700	2850
10	Free lift height	h2	mm	200			
11	Backrest height(from upper face of forks)	h8	mm	1360	1015	1360	1015
12	Overhead Guard clearance(from face of seat)	h7	mm	1120			
13	Overall height(overhead guard)	h6	mm	2560	2560	2560	2560
14	Overall length(with forks)	L1	mm	5160	5480	5160	5480
15	Overall length(without forks)	L2	mm	3940	4260	3940	4260
16	Front overhang	X	mm	700	718	700	718
17	Rear overhang	L4	mm	740	740	740	740
18	Wheel base	L5	mm	2500	2800	2500	2800
19	Coupler height	h5	mm	540	540	540	540
20	Min.ground clearance under mast	m1	mm	245	245	245	245
21	Overall width	B	mm	2165	2165	2165	2165
22	Lateral fork adjustment outside of fork(Max./Min.)	R	mm	2000/340	2140/410	2000/340	2140/410
23	Tread(front)	S	mm	1600	1600	1600	1600
24	Tread(rear)	P	mm	1700	1700	1700	1700
25	Outside turning radius	Wa	mm	3700	3900	3700	3900
26	Inside turning radius	V	mm	200	200	200	200
27	Min.intersecting aisle	Ra	mm	3310	3540	3310	3540
28	Tilting angle(forward/backward)	α/β		6° / 12°			
29	Fork dimensions(axbxc)		mm	70×122×170	80×122×175	70×122×170	80×122×175
	Performance						
30	Max. Traveling speeds(With/Without load)		km/h	26/30	26/30	26/28	26/30
31	Lifting Speeds(With/Without load)		mm/s	440/470	360/380	400/440	330/370
32	Lowering Speeds(With/Without load)		mm/s	≤600/≥300			
33	Max. Draw-bar pull(With load		kN	60	58	59	57
34	Max. Negotiable Gradient(With/Without load)		%	27/20	22/20	25/20	21/20
	Weights						
35	Service Mass		kg	10960	12510	10960	12510
36	Load Wheel with load(Front/Rear)		kg	17090/1960	20380/2130	17090/1960	20380/2130
37	Load Wheel without load(Front/Rear)		kg	4940/6120	5700/6810	4940/6120	5700/6810
	Tyres						
38	Wheels number front/rear(x=driven)			4x/2			
39	Tyre Type			PNEUMATIC TYRE			
40	Tyre size(front)			9.00-20-14PR			
41	Tyre size(rear)			9.00-20-14PR			
42	Service Brake			Hydraulic-Foot Pedal		Hydraulic-Foot Pedal	
43	Parking Brake			MECHANICAL-HAND BRAKE ROD		MECHANICAL-HAND BRAKE ROD	
	Drive						
44	Battery (Voltage/Capacity)		V/Ah	2x12/80		2x12/80	
45	Internal Combustion Engine Model			Cummins QSB4.5		Perkins 1104D-44TA	
46	Engine type			Electronic controlling, Turbocharged,Air-to-air intercooled diesel engine		Turbocharged,Air-to-air intercooled diesel engine	
47	Internal Combustion Engine Rated Output		kW/rpm	82/2200		83/2200	
48	Internal Combustion Engine Rated Torque		Nm/rpm	488/1500		418/1400	
49	Internal Combustion Engine Number of Cylinder			4		4	
50	Internal Combustion Engine Displacement		L	4.5		4.4	
51	Internal Combustion Engine Fuel Tank Capacity		L	140		140	
52	Transmission type			Power Shift		Power Shift	
53	Transmission Number of Speed Fwd/Bwd			2/2	2/2	2/2	2/2

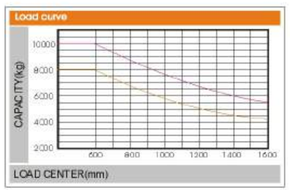
Engine Model and Main Specification For Option

Internal Combustion Engine Model	Engine type	Internal Combustion Engine Rated Output	Internal Combustion Engine Rated torque	Internal Combustion Engine Displacement	Internal Combustion Engine Numbers of Cylinder
		kW/rpm	Nm/rpm	L	
ISUZU 6BG1	Naturally Aspirated	82/2200	415/1400-1600	6.494	6
XINCHAI C490	Naturally Aspirated	83/2300	450/1400-1600	7.127	6





CPCD80 CPCD100



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 inforward tilt position will be less. Long forks, and unusually wide or loads may also reduce capacity.

SIDE SHIFTER ON 10T FREE LIFTING MAST

Mast model	Max. Fork Height (mm)	Load Capacity (kg)	Overall Mast Height (At Lowered) (mm)	Tilting Angle Fwd/Bwd (deg.)	Service Weight (kg)
ZSM080	3080	8000	2670	6-12	12500
ZSM090	4090	8000	2710	6-12	13540
ZSM095	4350	8000	2920	6-12	12700
ZSM080	4880	7000	2970	6-6	12760
ZSM500	5030	7000	3035	6-6	12810
ZSM540	5400	7000	3235	3-6	12800
ZSM600	6000	6000	3435	3-6	12960

8-10t WIDE VIEW MAST

Mast model	Max Fork Height (mm)	Load Capacity (kg)		Overall Mast Height (At Lowered) (mm)		Service Weight (kg)		Tilting Angle (fw./b.)
		CPCD80	CPCD100	CPCD80	CPCD100	CPCD80	CPCD100	
M260	2600	8000	-	2460	-	10870	-	6-12
M270	2700	8000	-	2550	-	10920	-	6-12
M600	3000	8000	10000	2760	2860	10960	12160	6-12
M630	3300	8000	10000	2860	3000	11025	12215	6-12
M690	3560	8000	10000	2960	3100	11060	12260	6-12
M675	3760	8000	10000	3025	3225	11100	12300	6-12
M810	4060	8000	10000	3260	3400	11310	12450	6-12
M825	4250	8000	10000	3375	3525	11360	12510	6-12
M850	4560	8000	10000	3560	3760	11420	12560	6-12
M835	4760	7750	10000	3635	3775	11450	12620	6-6
M930	5060	7750	10000	3750	3900	11500	12670	6-6
M970	5560	7400	9600	4050	4200	11740	12910	3-6
M980	6060	7000	8600	4300	4460	11930	13020	3-6

8-10t WIDE VIEW FULL FREE 3-STAGE MAST

Mast model	Max. Fork Height (mm)	Load Capacity (kg)		Overall Mast Height (At Lowered) (mm)		Service Weight (kg)		Free lift with Backrest (mm)		Tilting Angle Fwd/Bwd (deg.)
		CPC080	CPCD100	CPCD80	CPCD100	CPCD80	CPCD100	CPCD80	CPCD80	
ZSM080	3080	7000	8000	2650	2670	11350	12600	1092	1310	6-12
ZSM090	4090	7000	8000	2755	2710	11420	12640	1317	1440	6-12
ZSM095	4350	7000	8000	2850	2920	11490	12700	1342	1560	6-12
ZSM080	4880	7000	7500	3050	2970	11570	12760	1482	1710	6-6
ZSM500	5030	7000	7500	3050	3035	11640	12810	1592	1779	6-6
ZSM540	5400	6000	7000	3075	3235	11710	12900	1717	1965	3-6
ZSM600	6000	6000	6000	3375	3425	12050	13260	2017	2165	3-6
ZSM650	6500	5000	5600	3600	3575	12350	13500	2242	2335	3-6
ZSM700	7000	4500	-	3750	-	12640	-	2392	-	3-6

NOTE: SIDE FREE LIFT WITH EIGHT SHIFT CYLINDER 7-STAGE (With Backrest)

https://forklift-manuals.jimdofree.com