

**HELI**

**h2000**  
SERIES

**SIDE-LOADING TRUCK**



**HELI** ANHUI HELI CO., LTD.





CE Certification



ISO9001 CERTIFICATION

" Heli " Internal combustion side-loading Trucks is a new product of our company. Its difference from other counterbalanced forklift trucks is its side-installed lifting system which can lift, tilt and traverse sideways. It can load long materials on the deck very easily without much requirement for the space, particularly suitable for timber, pipes, wires and other long loads. It is also practical for the massive, hulking, the oversize loads from the containers at ports, docks, factories, oilfields and construction sites.



### The advantage of Internal combustion side-loading trucks

#### 1. Reliable and various engines

There are different engines available for different customers.

#### 2. Advanced driving system

The hydraulic driving system is specially designed for Heli with imported technology from Japan. The gearing has excellent structure, reliable quality and first-class manufacture and test method. Its main parts are quite interchangeable with those in internal-combustion engine forklift trucks.

#### 3. Leading performance parameter

Lifting speed, stretching speed and moving speed are higher than other domestic counterparts. Load center is 600mm which is the same as those forklifts in the advanced countries. Its loading capability is superior to those domestic forklift trucks.

#### 4. Reasonable roller arrangement

The roller arrangement directly affects the work reliability and the life of the mast when the lifting system moves and stretches in the well-type passage. Cross arrangement of lengthways roller and side roller meet the needs of the work condition and extend the service life of the mast.

#### 5. Deck and fork can tilt

Fork can tilt  $5^{\circ}$  up or down to load and unloads of the forklift truck.

Deck can tilt  $3^{\circ}$  up or down so that the forklift truck is safer in shipping and more time- saving in unloadings of the forklift truck.

#### 6. Shock design

The front / rear axle is connected by articulated axle with the forklift frame at one end. The other end is a floating connection with the deck tilting cylinder. So, on an uneven road the front and rear wheels can float freely with the hydraulic automatic adjustment.

#### 7. Hydraulic safety lock

The hydraulic locks are installed at supporting leg oil cylinder and interlocking oil cylinder for safe operation and for automatic lock of shift gear caused by the backpressure of hydraulic system.

#### 8. The arrangement of the forklift truck is for the convenience of operation and maintenance.

#### 9. Digital instruments are round and streamline with beautiful colors and a clear view.



## Main parameter of Internal combustion side-loading trucks

No.	parameter	units	CCCD30	CCCD50/60	
1	Rated capacity	kg	3000	5000/6000	
2	Load center	mm	600	600	
3	Lift height	mm	3600	3600	
4	Free lift height	mm	300	300	
5	Fork length	mm	1150	1150	
6	Fork tilting degrees up/down		5/5	5/5	
7	Fork adjustable range	mm	290~1070	290~1200	
8	Deck tilting degrees up/down		3/3	3/3	
9	length / width / height	mm	4260/1950/2470	5050/2100/2750	
10	Deck height	mm	910	1050	
11	Deck size(length x width)	mm	4260x1200	5050x1300	
12	Fork pocket width	mm	1140	1280	
13	Protruding part of the fork	mm	75	100	
14	Min turning radius of outer wheel	mm	4200	4700	
15	Minimum space from the ground	mm	180	190	
16	Max running speed	km/h	18	24	
17	Raised speed	mm/s	≥300	≥320	
18	Max lowered speed	mm/s	400(unloaded)/420(loaded)		
19	Max climbable gradient	%	18	21	
20	Service weight	kg	4800	8500	
21	Wheel base	mm	2550	2800	
22	Tread	mm	1600	1750	
23	Tyres	Model	4	7.00-15-12PR	9.00-16-14PR
		Pneumatic	Pa	8x10 <sup>5</sup>	8x10 <sup>5</sup>

## Parameter of engines for CCCD30 Internal combustion side-loading trucks

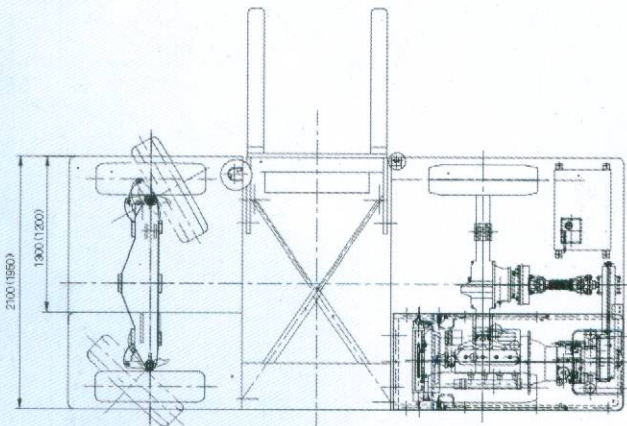
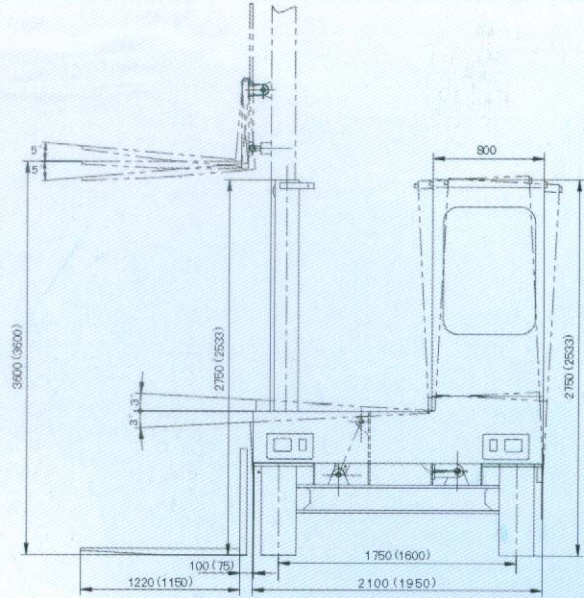
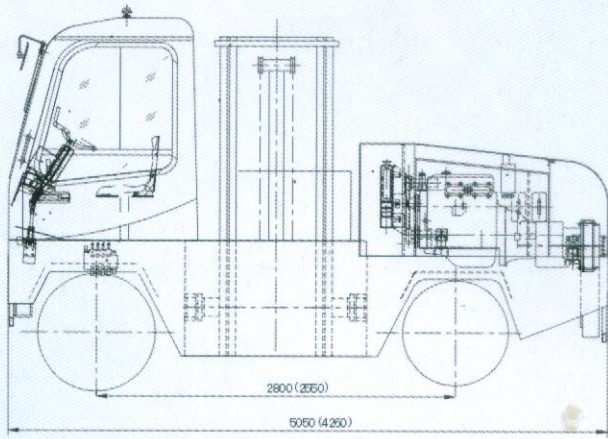
Engine model	QC490GP	C490BPG-200	A490BPG-88	HJ493	C240PKJ
Rated power & rotation speed (kw/rpm)	39/2650	40/2650	37/2650	39/2500	41.8/3000
Rated torque and corresponding rotation speed (N.m /rpm)	157/1980	≥162/1800~1900	145/1700~1900	165/1800	145N.m/2000
For truck Model	CCCD30-Q1	CCCD30-X3	CCCD30-X4	CCCD30-J	CCCD30-W

## Parameter of engines for CCCD50 / 60 Internal combustion side-loading trucks

Engine model	4RMG22	4B3.3-80
Rated power & rotation speed (kw/rpm)	55/2200	60/2200
Rated torque and corresponding rotation speed (N. m/r/min)	≥270/1680	291/1600
For truck Mode	CCCD60-WF	CCCD60-Cu



# Main dimensions of C CCD60 (CCCD30)



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