

## Dong feng garbage arm truck

Vehicle type: CLW5250ZXXE6

chassis models: EQ1258JSZ6DJ

total quality:25000 Kg

curb weight (Kg) : 11070 Kg

rated load quality: 13735Kg

wheelbase: 4350+1350 mm

high vehicle width: 8380 x2500x3100/3120mm

Arm hook lifting force: 20ton

engine :	Type	Engine enterprise	Displacement	Power	Horse
	D4. 0NS6B195	Dongfeng Cummins	6234	199	270
	B6. 2NS6B230	Dongfeng Cummins	6234	180	245

Introduction to the hook arm truck: This vehicle is composed of a chassis, a pull arm hook, a rear support and stabilization system for rollers, a hydraulic system, a control system, etc. It is mainly used for collecting and transporting various types of garbage in municipal sanitation, property management and other places. The garbage bin and the chassis can be completely separated. It has the advantages of reasonable structure, simple operation, stability, high efficiency, good sealing performance and convenient dumping. It can achieve the circulation and transportation of multiple bins in one vehicle, which is highly efficient, energy-saving and cost-saving.

Chassis configuration: Yuchai engine YCS06270-60, wheelbase 4350 + 1350 mm dongfeng D17 bridge, method and 9 shift transmission, 5 t front axle / 10 t double rear axle, steel wire tire, 11.00 280 mm frame chassis configuration, air conditioning, electric glass and air seats, ipc, multi-function steering wheel,'t a MP5 line drive recorder

upload configuration: telescopic arm, hydraulic electric control operations (including the wireless remote control) with the function of speech, the leg, transverse locking protection device, the rest of the company standard.

Hook arm lifting force: 20tons

system pressure: 31.5 MPa

control voltage: 24 v

hook arms expansion amount: 1000-1100 - mm

pump displacement:84 ml/r

hydraulic tank: 80L

hook box time:55 s

to roller distance: 4210 - mm

hook heart guide width: 1570 mm

Guide rail width: 1060mm

- Performance advantages

1. The design is reasonable. When hooking goods of the same weight, the pressure of the hydraulic system of the pull arm is smaller.
2. In the chassis arrangement more reasonable, full consideration of factors such as vehicle center of gravity, no line control operation more convenient.
3. The jacket are all made of 700 I high strength plate forming and welding. Bearing capacity is stronger, longer service life;
4. The main accessories: power, pump, valve, oil cylinder adopt domestic famous brand products;
5. Hook use forged a body castings, with long service life. Hook use live connection, more in more convenient;
6. Using reinforced after bearing, bearing force after all is passed to the girder, stronger bearing capacity, after the oil cylinder will not bear the gravity of trunk, after bearing oil cylinder of longer life;
7. The main arm, lift up, vice frame adopts CAM interlock protection, between main arm is equipped with mechanical lock, stretched arm after withdraw entirely, automatically open mechanical locks; Hydraulic system of multiple protection:

8. Multiple protections for the hydraulic system

(1) The main cylinder is equipped with a bidirectional travel valve. When the cylinder is fully extended or fully retracted, the built-in travel valve automatically opens, eliminating high pressure inside the cylinder and protecting the hydraulic system

(2) Multiplex valve has the relief valve of each circuit, and the factory has adjusted the pressure value according to various needs, ensure each pressure within the design value;

(3) The balance of the oil cylinder valve or hydraulic lock and the cylinder all join an organic whole, not by middle pipeline connection, reduce the hydraulic failure, the protection of oil cylinder more fully

Check the oil level in the hydraulic tank. If necessary, please add the specified type of hydraulic oil.

check all valves, hydraulic pressure hose and pipe, and exclude anomalies.

check after all of the roller and handle. And check with the naked eye whether all the other handles are normal.

for equipment use the Autolube grease, please check whether the pipeline connection is normal, check the quantity of the grease in the equipment is normal.

Tick box car started operation hook arm trample clutch take power open - hung high low low floor 2 or 3 file - open the power switch to (speech) will appear - remote control open to green light - leg open - lock release - shrinking arm - lifting to tick box location - tick box down to parallel to the car to check box to complete - according to boom - according to lock - leg - tick box, complete discharge waste operation to meet - check the lock plug - a push (open) - discharge box lifting (unloading garbage)

1. Insert quick joint a. car thick head box thin head, fine head head, then open the chassis hydraulic switch
2. Press the outrigger switch on the remote control panel. The outriggers and the door opening are synchronized, that is, pressing the outriggers opens the door, and pressing the retractable outriggers closes the door.
3. Check the lock is locked position

4. Press lifting for the remote control board, the boxes will rise until finish the refuse, but in the reverse operation after return. Return step: according to the remote control board drop - down to position parallel to the chassis girders, note: every action must be done, only can do next step. Press the retraction leg to lock the door. Pull out the quick plug and lock the box tightly.
5. Clutch, choose the file, close the power lifter, speech switch.