



HCN ATTAMCHMENTS CONTENT YOUR NEED

PRODUCT USER'S MANUAL

Product model: 0513 forest mulcher

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Warm reminder:

Please read the manual carefully before installing and using the product.

CATALOGUE

1.Safety Instruction.....	2
2.Products Instruction.....	4
3.Operation Instruction.....	5
4.Maintenance Instructions.....	8
5.Storage Instructions.....	10

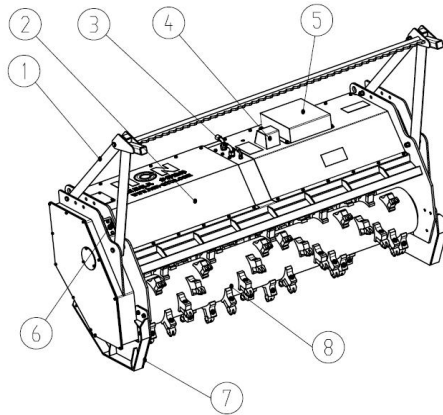
One. Safety note

- (1) Please read the instruction manual carefully before using this equipment to avoid personal injury.
- (2) Before using this equipment, please know the production or working capacity, size and size of the equipment operating steps.
- (3) Pay attention to the splash caused by the operation of the equipment, and should be equipped with goggles, helmet and mask.
- (4) Hydraulic oil under high pressure, if the leakage will cause personnel injury or even death, the operator should try as far away from the oil pipe joint that may leak.
- (5) Do not modify the equipment at will, so as not to cause the performance, safety and reliability reduction.
- (6) Working environment requirements of the equipment; flat ground and wide vision.
- (7) Make sure that the equipment you use is at the steps, the handrail is free of oil, etc.
- (8) The operator shall ensure that there is no one around the equipment;
- (9) The operator is not allowed to leave when the equipment is in operation.
- (10) When starting work, the work area should be isolated to keep miscellaneous people or livestock close, to avoid serious injury caused by the cut debris.
- (11) When cutting thicker trees, be careful when the trees are cut down to the operator

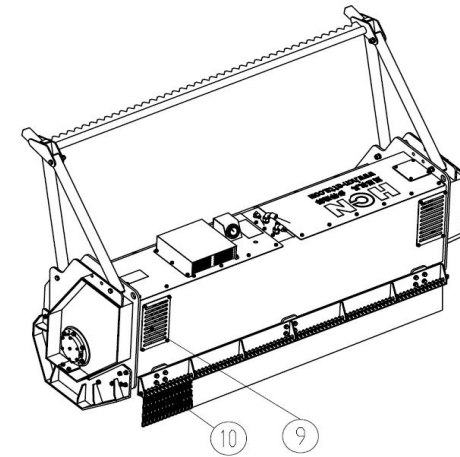
Member is in the cab.

- (12) Do not run this device on a steep uphill slope to avoid tipping.
- (13) Operators shall not operate the machine while drunk, otherwise it will reduce the ability to judge danger signals.
- (14) When the operator leaves the host machine, he should drop the pioneer machine to the ground, and then close the host engine and pull out the key.
- (15) Check all the fasteners and ensure that there is no loosening phenomenon. The damaged parts should be replaced in time. Check whether all the warning labels are clean and clear. If damaged, they should be replaced in time.

Two. Description of the product structure



- (1) -Front press rod (2) -upper cover plate (3) -inlet and oil drain pipe (4) -pressure gauge
(5) -Radiator shield (6) -lubricating oil filling port (7) -wear plate



- (8) -cutting cylinder
(9) — Shublink (10) -protection chain

- (6) After the completion of an operation, timely up the cutting cylinder and other parts of the machine.
- (7) In the maintenance work, be sure to close the host engine, and hang a warning board with "in repair" in the more obvious position of the host, to prevent others from approaching.
- (8) When the parts need to be replaced, only the parts approved by the manufacturer can be replaced.

Three. Operation Declaration

Specific operation steps:

- ① Device capability description:

拓 Waste is used to remove high weeds, dense bushes and trees no more

than 200mm in diameter. The supporting host pressure is not greater than 35MPa.

- ② When this machine is equipped with a sliding loader, please choose a large flow of tubing interface.

It is worth noting that the turning direction of the cutting cylinder of the pioneer is in a single direction. If the oil pipe of the pioneer is connected correctly, if the cutting cylinder does not turn, the main engine of the engine should be idling until the cutting cylinder works; otherwise, the joint position of the oil pipe should be changed.(Turn off the main engine when changing the connector)

- ③ After opening the hydraulic motor, and gradually increase the flow rate to improve the speed required for the work, to ensure that in the whole flow adjustment process, the cutting cylinder speed change is moderate.
- ④ By controlling the main machine to make the wear plate on both sides of the pioneer and the ground contact, and then the operator controls the pioneer to the target area, so as to achieve the best use effect.
- ⑤ When working, do not lift the machine too high, so that the protective chain loses the protective effect on the operator, because the cut fragments is easy to hurt the operator.
- ⑥ When the main engine pushes forward, the speed should not be too fast,

because if the speed is too fast, the hydraulic system pressure of the main engine is too high, and the heat is also high.

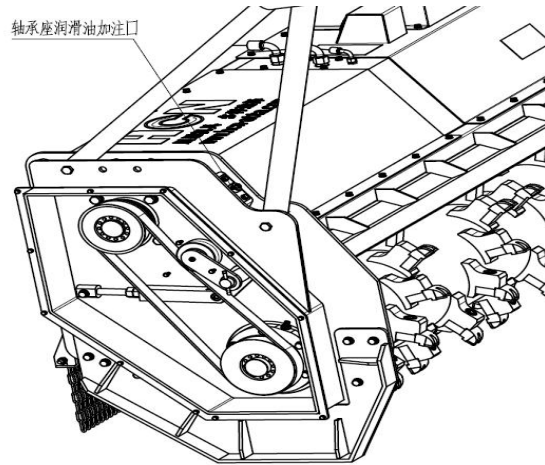
- ⑦ If the obstacle needs a large cutting force in the work, the cutting cylinder does not turn, the operator should move the machine away from the cutting object, and then restore the speed of the cutting cylinder, using the method of small cutting amount of the obstacles, that is, the host moving forward speed is reduced and slowed down.
- ⑧ For the cutting of the thicker trunk, when the cutting tube cuts the trunk 3 / 4, use the front press bar on the machine to keep contact with the trunk, and then press on the trunk to be forced to break, so as to protect the operator from being hit by the broken trunk.

Four. maintenance instruction

Regular maintenance is the key to maintain the long life and safe work of the machine. The maintenance items described below are more important.

- (1) Check whether all the fasteners are loose, and tighten them in time.
- (2) Check the hydraulic system of the machine for leakage. If you want to replace the leaked tubing joint or oil pipe in time.
- (3) Check whether the parts on the equipment are damaged, whether the solder joints are cracked, and repair if necessary.
- (4) Fill the bearing base regularly (model: GL-5 85W / 90), generally no more than 500 working hours. The position of the lubricating oil is shown in the following figure (remove the old oil before filling)

A. Transmission end



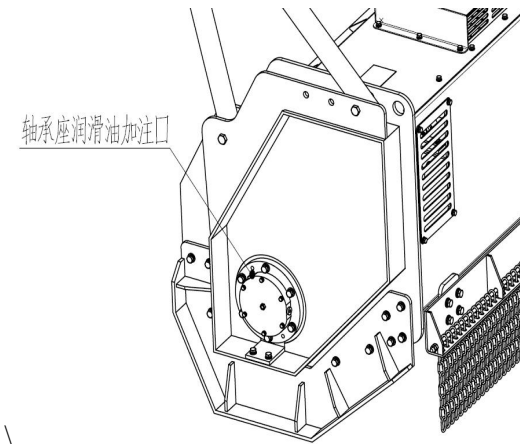
Fill quantity: about 0.2 liters

B. The other side of the transmission end

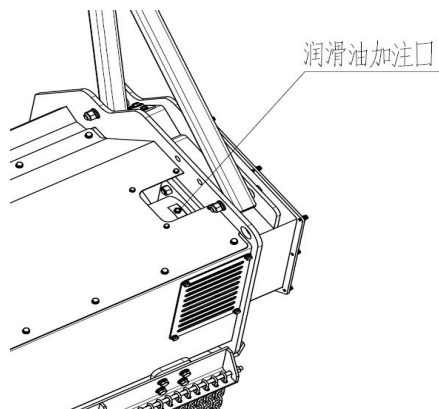
Five. Storage instructions

- (1) After completion, all debris, dirt and grease from the machine should be removed.
- (2) The implement shall be stored in a dry and non-corrosive environment to avoid corrosion on its surface.
- (3) When the machine is placed, there should be a fixed positioning bracket, so that the next time, the host and the machine connection.

Please pay attention to the protection of the product nameplate, the product nameplate is incomplete or lost will not be guaranteed.



Fill quantity: about 0.15 litersC. 马达安装处



Fill quantity: about 0.2 liters

(5) Check the tension of the transmission belt regularly, and generally check once every 100 hours.

2. Product performance indicators.

model	051360	051372	051384
length (mm)	900	900	900
width (mm)	1860	2160	2410
altitude (mm)	1680	1680	1680
Transportation Height (mm)	1080	1080	1080
Working Width (mm)	1550	1850	2100
weight (kg)	940	1020	1200
Flow rate (L / Min)	110~150	120~150	120~150
pressure (Mpa)	19~21	19~21	19~21

Lift capacity requirement of the host (t)	>1	>1.1	>1.2
Rotary tillage ground depth (mm)	100	100	100
Number of heads (s)	40	48	56
Requires host power	85HP above	85HP above	85HP above