



**HCN ATTAMCHMENTS CONTENT YOUR NEED**

**PRODUCT OPERATION MANUAL**

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**Product model: 030984 Dozer blade**

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**XUZHOU HCN ATTACHMENT MANUFACTURE CO., LTD.**

★ Tips: Please read the user manual carefully before product installation and use

## CATALOGUE

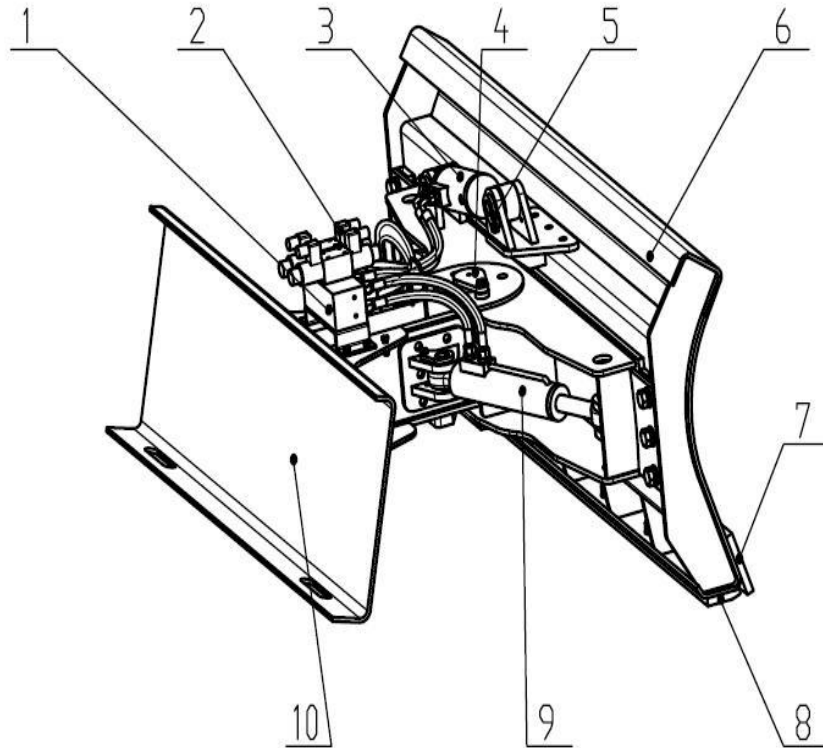
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## Safety instructions

- (1) Please read the instructions carefully before using this equipment to avoid personal injury.
- (2) Before using this equipment, know the production or working capacity, size and size of the equipment operating steps.
- (3)Hydraulic oil under high pressure, if the leakage will cause personnel injury or even death, the operator should try to stay away from the oil pipe joint that may leak.
- (4) Do not modify the equipment at will to reduce the performance, safety and reliability.
- (5) The operator shall ensure that there is no one around the equipment;
- (6) Operators are not allowed to leave when the equipment is in operation.
- (7)Operators shall not operate the machine while drunk, otherwise it will reduce the ability to judge the danger signals.
- (8)When the operator leaves the host, the machine should be lowered to the ground and then close the host engine and remove the key.
- (9)Check all the fasteners and ensure that there is no loose 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.
- (10)Carefully observe for obstacles, such as stumps, sidewalk edges, etc. If so, please slow down. Because when the blade hits an immovable object, it may damage the blade or cylinder, or even lead to injuries.

## Product description

### 1、Product structure description:



1, oil block 2, solenoid valve 3, offset cylinder 4, steering cylinder 5, cylinder pin shaft 6, pusher 7, front blade plate 8, bottom blade plate 9, steering cylinder 10, hanger part

### 2、Technical performance indicators:

Technical parameters of bulldozing				
Model	030960	030972	030984	030996
Total width (mm)	1530	1830	2130	2400
Width at 30 (mm)	1270	1519	1845	2180
Total length (mm)	700	700	700	700
Total height (mm)	1012	1012	1012	1012
The maximum Angle of deflection (°)	± 30	± 30	± 30	± 30
The maximum Angle of the bias (°)	± 10	± 10	± 10	± 10
Weight (including pendant)(Kg)	526	578	630	682
Work flow (L/Min)	20-30	20-30	20-30	20-30
Operating voltage (V) (optional)	DC12/24	DC12/24	DC12/24	DC12/24
Allow maximum pressure(MPa)	21	21	21	21
Hanging model	Skid steer loader/Mini skid steer loader			

### Operation declaration

This bulldozer is suitable for the sliding loader, which is suitable for leveling the land, digging channels, collecting soil and other materials. The adjustable depth guidance device makes the scraping and soil more simple, the steel

structure is strengthened, and the bottom wear-resistant blade plate and the front wear-resistant blade plate can be replaced.

- ① To understand the bearing capacity of the bulldozboard, the working pressure of the connected sliding loader is not greater than 20MPa;
- ② Start the host machine, connect the pendant part with the quick change device of the host machine, and pull down the positioning lock pin handle.
- ③ Lift the main engine upper arm. Before working, please operate the handle in place to control the push board for various actions, so as to be familiar with the operation of the push board, and check whether the original of the push board works normally.
- ④ The shovel part can turn 30 left and right, and the shovel part can be deflection up and down 10 when the road is tilted.

#### **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 all fasteners for loosening and tighten them in time.
- (2) Check the hydraulic system of the machine for leakage, and 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) When carrying out maintenance work, be sure to turn off the host engine and hang a warning sign with "in repair" in the obvious position of the host to prevent others from approaching.
- (5) When the parts need to be replaced, only the parts approved by the manufacturer can be replaced.

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

#### **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.