



产品使用手册

PRODUCT OPERATION MANUAL

**RAY ATTAMCHMENTS
MAKE YOUR ENGINEERING EASIER AND
FASTER**

型号名称: RBS-72 Pick up Sweeper

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I. Safety Instructions

Read and learn the below contents carefully before operate, to avoid the unnecessary damages.

The detailed contents:

- 1.Carefully read the machine operation instructions, be familiar with the performance of it, and how to operate all the control devices;
- 2.Understanding all security labels, and keeping the tags clean, please do not casually graffiti, remove or damage any security labels, such as damage or writing fuzzy should be replaced immediately;
- 3.Should be in the working area of the operator to make a warning sign to tell the other people not to close, to prevent the stone splash;
4. Carefully check the machine, not in the case of any potential safety hazards to operate machine!

Before Operation:

1. The oil circuit should be kept open when the power source of the cleaning device is connected, and all the controls are normal.
2. To operate in a safe area.
3. Ensure that the cleaning device is installed firmly.
4. Ensure that all hydraulic joints and hydraulic devices are firmly connected.
5. Replace wearing-- devices and hoses.
6. Ensure the power source pressure, if can not meet the requirements, will affect the performance of the cleaning device.
7. Remove the items that may be damaged by flying debris.
8. Ensure the device can do the reverse cleaning when clean the debris.
9. Always wear appropriate clothes, e.g.: long-sleeved shirt with the cuff buckle; wear goggles or face mask and a dust mask

When operate:

1. When operate, adhere to all government regulations, local laws and

regulations and other rules.

2. Regardless of any reasons, before leaving the operating area, the operator must reduce the device to the ground, stop the engine, start stop brake, and pull out the key.

3. Ensure the hands, feet, hairs and loose clothes are away from all the moving parts.

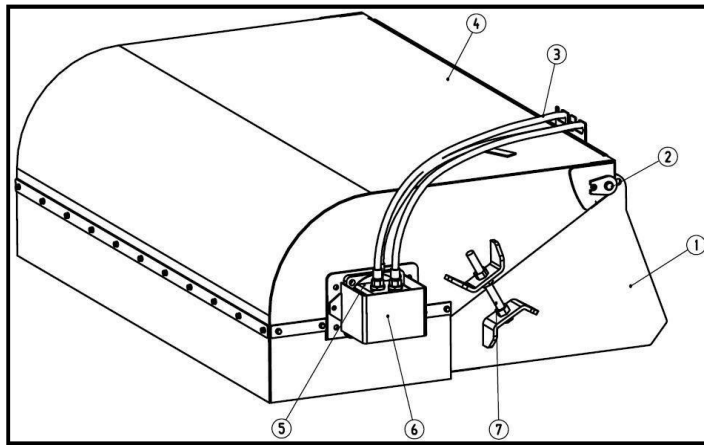
4. When operate the cleaning device and power source, need leave a protective equipment and safety equipment in the appropriate place.

5. When operate the device in the rough terrain, need reduce the speed to avoid the device beat, to reduce the damage to the cleaning device.

6. Can not be close to the crowds, buildings, transportation or other vehicles may be flying debris damages.

II. Product Instructions

1. Products Structure Instructions:



2. Tec

Technical Performance Index:

- ①—back bucket ②—pin ③—hose ④—upper cover ⑤—motor
 ⑥—protective cover ⑦—adjustable screws

RBS-72 Technical Specifications	
Model	RBS 7 2
Total Length (mm)	1450
Total Width(mm)	2117
Total Height(mm)	920
Total Weight(kg)	480
Bucket Capacity (m ³)	0.46
Cleaning Width (mm)	1830
Diameter of Brushes (φ)	600
Working Pressure (Mpa)	21
Working Flow(L/Min)	60-80

III. Operation Instructions

1. Start the host machine, connect the host machine quick hitch plate and attachment mount frame, lock them together by 2 pins.

2. Start the attachment, so that the brush start to rotate. And reduce the cleaning device to the ground, and then the host machine moves forward, meanwhile, the attachment clean the road.

3. To reduce the wear of the brush should minimize the sweeper action under the pressure. After use a period, need adjust the bolts to ensure that the area of the road cleaning.

4. To make the operation more conveniently and reliably, the operator should low down the attachment to prevent accidental.

5. After clean, should lift the bucket, and pour material out.

6. When unload, avoid to knock and vibrate the bucket with brute force.

7. Keep the brush rotate with the low and moderate speed, can better remove

the hard surface of the gravel. If the speed is too fast, it will affect the operator's line of sight.

8. The cleaning path should be slightly less than the cleaning width of the device, if the particles are relatively large, the operator should reduce the speed to move.

9. When start and close the cleaning device, it should be in the idle state.

IV. Maintenance Instructions

A) after use, the operator need use the water cannons to clean the bucket body and a brush drum.

B) Thoroughly clean all the dirt, dirt and grease on the surface.

C) Hydraulic hoses and motor need be covered with sealings.

D) Check the connecting bolts, and tighten up the loosen bolt and nuts.

E) Lubricate all the lubricated points with butter.

F) Replace the damaged or obscure labels.

1. Brush Adjustment:

Proper adjustment can make the brush to achieve better working state, check brush has the following steps:

A) Move the cleaner to the flat, and relatively dirty ground.

B) With low speed to rotate the brush, reduce the cleaning device to the lowest, and run in the working state with 10 minutes.

C) Lift the sweeper and reverse the machine, start the brake, and turn off the power. And then check the brush, its cleaning width should be 50-100mm, this width is equivalent to the length of the brush.

Note: in order to improve the service life of the brush, the operator should adjust the bolts of the both sides equally.

2, brush replacement:

Removal of motor connecting bolt

Bearing connecting bolt

Removal side mounting plate

The brush roll out part

The removal of the brush fixing plate

The demolition of the old brush

The following steps to install the new brush: according to a diagram, figure two cross installation

2. Brush Replace:

A) Remove the motor connecting bolts

B) Remove the bearing connecting bolts

C) Remove the side mounting plate

D) Take out the brush

E) Remove the brush fixing plate

F) Remove the old brush

Follow up the next steps to install the new brush: according to a diagram 1 and 2 to crossly install.

Diagram 1

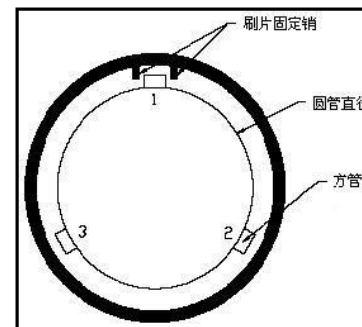
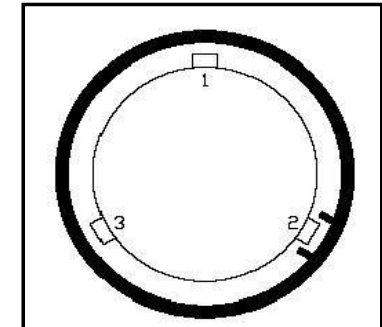


Diagram 2



V. Storage Instructions

1. When storage, the brush can't be touched with the ground, to prevent corrosion, and shorten the service life of the brush.
2. When storage, the hydraulic oil hoses, motor covered with a sealing, and thorough clean all the dirt, dirt and grease on the surface.
3. After use, the operator need use the water cannons to clean the bucket body and a brush drum.
4. Don't push the heavy materials on the brush, or will cause the setae deformate, damage the cleaning device performance, to avoid this problem, the operator should put the sweeper on the wood board.
5. The brush material is polypropylene, should be away from the intense heat or flame, and polypropylene brush can't be stored in the sun.