

The equipment must be checked for correct operation and safety, especially the points listed below:

Proof of maintenance

Screw

1. Check the bearings of the screw. Their position on the shaft may have shifted. In this case loosen the bolts, reposition the screw and tighten the bolts.

Bearing top and bottom

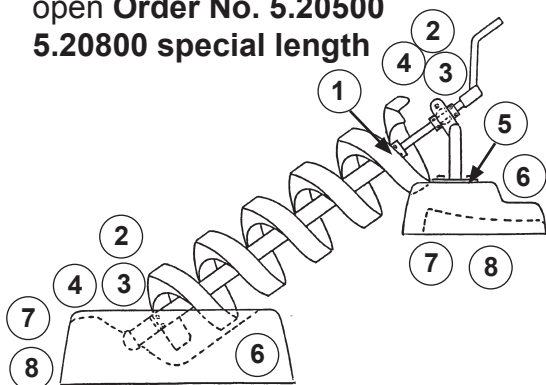
2. Check that bearings move smoothly: the polyamide and/or brass discs must not rotate with the shaft of the screw.

3. Check for wear and tear, replace if necessary.

4. Check that shaft and bearing at the bottom are tight. It must not be possible to pull them out of the bottom basin, otherwise the bottom set collar of the top bearing is not in its correct position; relocate shaft and bearing to correct position (clean beforehand).

Support bow

5. Check that the bolts on the upper basin are tight and retighten if necessary.



Water basin

6. Check for stability.
7. Check for vandalism (chipped concrete corners), if necessary smooth resulting sharp edges with angle grinder (for stone) or repair with rapid-hardening concrete or epoxy resin.
8. Check for build-up of moss; must be removed in the standing or walking areas (slipping danger).

Prior to the start of the frost period, disconnect from the water mains. Thoroughly flush the screw beforehand to avoid deposition of dirt and/or stones which could result in corrosion. When disconnected from water supply, the equipment should not be left in publicly accessible areas. Therefore, the screw should be disassembled in the winter and stored at a dry place.

Diagram illustrating the correct way to hold a bow. The bow is held in the right hand, with the fingers wrapped around the grip. The thumb is placed on the side of the grip. The bow is held at an angle to the string. The diagram is labeled with numbers 1 through 4 and the text "support bow".

top bearing

Repair not carried out, it is still possible to play on equipment

**Repair not carried out,
equipment is taken out of action**

**All work carried out,
everything is in order**

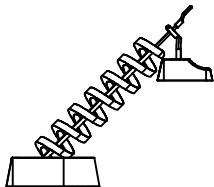
Maintenance carried out by:

For spare parts refer to back of page.

..... Date

Special notes, e.g. for repairs

Spare Parts
Archimedes Screw
 open **Order No. 5.20500**
5.20800 (special length)



Please note that the safety standards of the equipment must not be affected. Therefore, when carrying out repairs it is helpful to **only use original parts**.

Order No. Spare part

0.50100 bearing, top



0.50101 brass bush for bearing, top



0.50160 bearing, bottom

