



Reference: Additional checks at concrete distributor booms

Dear Sirs,

additional to our annual boom check, we want to remember you, that according our instruction manual, further checks and inspections are necessary. These inspections has to be done daily and weekly at the distributor boom, pedestal, outrigger system and the rotation head.

The attached inspections has to be done:

Daily:

- Check the safety device of the end hose clamp and the clamps at the concrete pipes. The cotter pins at the clamps has to be mounted.
- Check the hydraulic lines for leaks.
- All parts has to be checked for: abrasion and corrosion. Take care that all parts are mounted correctly.
- Potential changes in the operation function of the distributor function has to be rechecked and has to be located. Uncontrolled operation vibrations of the boom are an example for this potential changes.
- Check the proper mounting of the boom cylinder, jack cylinder, telescope cylinder, and swing out cylinders.

Weekly:

- Check all steel structure parts against cracks, deformations or rather irregularities. Potential damages has to be removed immediately by qualified labor. Necessary repair instructions can be requested from Waitzinger GmbH.
- All grease nipples have to be greased up at least once a week.

Yearly, during the first two operation years:

- The annual boom check has to be done once a year by an official independent technical expert on the field of distributor booms.

As of the third (3) operation year, alternatively after 1500 working hours:

- The inspection interval marked down to six (6) month. This means there are two (2) annual boom inspections per year necessary. These two inspections has also to be done by an official independent technical expert on the field of distributor booms.

As of the fives (5) operation year, alternatively after 3000 working hours:

- The inspection interval marked down to three (3) month. This means there are four (4) annual boom inspections per year necessary. These two inspections has also to be done by an official independent technical expert on the field of distributor booms.

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All accomplished inspections have to be recorded into the check book of the boom. All inspections are necessary to guarantee all function for a safe work with the boom. Repair instruction are available from Waitzinger GmbH. Repair-welding at the steel structure has do be done only by qualified welders. The welding has to be done according to the repair instructions of Waitzinger GmbH. In case of noncompliance of these points, you will loose each claim of guarantee and warranty. To replace parts it is only allowed to use original spare parts from Waitzinger GmbH, otherwise you will also loose each claim of guarantee an warranty. Waitzinger GmbH is not responsible for any damages through any replica parts mounted at the distributor boom or on the concrete pump.

If you need help to do the annual or additional boom checks please contact Waitzinger GmbH. In this case the annual boom check can be done by labor of Waitzinger GmbH.

Please let us know if you need any help, or any information to do the inspections. In order to avoid unpleasant accidents on the job site we invite you to do the necessary checks at your boom.

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Thank you very much
Best regards

Franz Waitzinger