

ARBOGA - DARENTH

OPERATING INSTRUCTIONS

SKIP HOIST

TYPE PL 1500

Customer:

Order No.:

Manufacturing No.:

Delivery date:

ARBOGA-DARENTH AB

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Foreword

ARBOGA-DARENTH Skip Hoists guarantee good design, quality components and skilled labour plus years of experience in swarf handling and swarf crushing. All these abilities have been used to design a product with high reliability and long service life. We are convinced that your experiences will confirm your choice of ARBOGA-DARENTH Skip Hoist.

Length of life and reliability can, as with any machine tool, be prolonged with correct installation and correct maintenance. It pays off to follow our advice for maintenance.

ARBOGA-DARENTH Skip Hoists are normally used in swarf handling systems which we design, sell and install.

All Skip Hoists which leave our works are checked and do not need any additional maintenance other than stated in this manual.

For orders of spare parts and if you want to contact our engineers please find our phone number and address at the front page of this instruction.

Guarantee

All products from ARBOGA-DARENTH are guaranteed free from any fault in material and labour during a period of one year. One year consists of 365 calendar days or 1800 hours whichever ever occurs first. The guarantee period for our products starts the day the equipment is sent to the client and continues during one year as earlier described. This is due if our maintenance and control recommendations are followed.

The guarantee is not valid for incorrect erection, misuse, incorrect maintenance or if maintenance is not made due to our recommendations and accepted industry practice.

During the guarantee period and after written notice to us, we guarantee that all parts manufactured in our plant which are faulty regarding material or labour shall be replaced. We give no further guarantee either written or verbal for costs except material and man labour.

This guarantee or other guarantees from us do not cover:

1. Damage after the guarantee period is ended.
2. Damage caused by chemical reactions or wear due to the detail has been submitted to external influences.
3. Equipment damaged at delivery or by accidents.
4. Damage through misuse, incorrect use or feeding of the centrifuge or if recommended maintenance is not followed.
5. Damage to equipment which have been repaired or changed by others than by the one who has been acknowledged as our sole representative.
6. Wear parts.

Safety regulations

- Electrical installations have to be done by qualified personnel only.
- At connection of voltage feed as well as at service and maintenance work on the skip hoist the circuit breaker must be off.
- Test the emergency stop at installation and always when maintenance and service have been done.
- The skip hoist must not be operated with the covers removed.
- The data sheet from the coolant supplier must be studied as parts from coolant can cause allergic reactions.

WARNING!

The floor around the skip hoist might get slippery from coolant getting outside the machine.

Maintenance

Gear

The gear manufacturer's specifications are to be followed (see enclosure).

Drive shaft bearing

At delivery the bearing is filled with lithium-based grease. Due to the low rotation it is normally maintenance free, just if it is on duty in very damp or dirty environment it is necessary to be after-greased.

Bearing grease of good quality is to be used. Be careful not to apply the grease too heavily for avoiding damage on the seals.

Rollers

The rollers are filled with grease at delivery and do not have to be after-greased.

Chain

If the chain always is greased the lifetime will be prolonged, suitable grease is SAE 30.

Chain tightening

Adjust the chain tightening by tightening the upper chain wheel.

Technical data	
Motor	4 kW with brake
Chain	On request
Max. load	1500 kg
Lifting speed	4,6 m/min
Emptying height	