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1. Introduction

Before starting to use the Baekelandt Leek Harvester, one must read this manual carefully and in particular take into account the directions for safety.

More specifically, it is the user who should read the instructions of the machine before using it.

Before each use, always check the operational safety of the machine.

2. Improper use

The Baekelandt Leek Harvester has been exclusively designed to harvest leeks.

Any other use will be deemed as improper use. Damage, excessive wear and tear or injury as a consequence of such are not the responsibility of the producer, but are at the risk of the user.

Improper use also constitutes the mounting of non-original parts and accessories.

Changes made by yourselves to the Baekelandt Leek Harvester preclude the responsibility of the producer, importer or dealer.

The Baekelandt Leek Harvester should only be used, maintained and repaired by persons who are authorised and certified to do so and who know the dangers and requirements connected to this.

3. Guarantee

Guarantee will be granted for the first year after delivery.

The guarantee applies solely to material and production faults.

This guarantee will expire if changes are made to the machine by unauthorised persons or if non-original parts or accessories are mounted on it.

Improper use will preclude the guarantee.

Works caused by normal wear and tear, as well as adjustments, bolts pulled off, nuts, tube connections etc., do not qualify for guarantee as these are the normal points of maintenance.

The guarantee will only cover the costs of the materials used. Oils, grease, welding material and suchlike are not reimbursed.

Transport time and transport costs as well as examination costs are not reimbursed.

Consequential loss will not be reimbursed (a.o. lost labour time, rent of a replacement machine ...)

3.1 Guarantee request:

The parts, which will be replaced under guarantee, need to be in the possession of the dealer or the producer, accompanied by the duly completed guarantee request form, within 10 days after the repair.

Should this previous condition not be met, the guarantee request will not be dealt with. In that case, the replacement parts will be invoiced. Posting the replacement parts always needs to be done post-paid.

4. Safety regulations

Basic rules:

- 1 Every person using the leek harvester should, before starting, check the operational safety.
- 2 Whilst working with the leek harvester, one must always exercise the greatest possible CARE.
- 3 Apart from these regulations, always also take into account normal safety regulations.
- 4 Before using the leek harvester, read the instructions and get acquainted with the controls.
- 5 Ensure all protective and screening parts are correctly placed.
- 6 The driver of the machine is within the working area of the machine and is responsible for third parties.
- 7 You are prohibited from entering the direct working area of the machine if this is not necessary.
- 8 Works to the machine should never be carried out while the machine is on.
- 9 Use the leek harvester exclusively for harvesting leeks.
- 10 Shutting down the machine needs to be done with the necessary caution.
- 11 One must always wear safety gear and safety shoes.
- 12 Wearing trailing or loose fitting clothing can present a risk of getting entangled in the machine and be dangerous to life.
- 13 Never get close with your hands or feet in the vicinity of the engines and the rotating machines.
- 14 Consult your dealer if the machine malfunctions.

5. Technical safety instructions

5.1 Hydraulic system:

- 1 The hydraulic system is under high pressure.
- 2 Searching for any leaks, one must use the right tools.
- 3 Liquid which spurts out at high pressure, e.g. hydro oil, can penetrate the skin and cause serious injury. In such a case, always warn a doctor.
- 4 Only connect hydro engines in the prescribed way. Should the connection be swapped, intake can become outflow and this can be dangerous to life.
- 5 Hydro tubes need to be checked at regular intervals for damage and ageing and if need be, replaced.

5.2 Maintenance:

- 1 Maintenance, repair and cleaning should only take place with the engine shut down.
- 2 Maintenance, repair and cleaning should only be conducted by certified professionals.
- 3 Nuts and bolts should be checked at regular intervals and if need be tightened.

- 4 Oil, grease, filters etc should be disposed of in an environmentally friendly way.
- 5 Only ever use original parts.

6. Taking the machine into use

- 1 Check the oil level in the tank. In case of an oil leak, first repair the leak and replenish the tank with the correct oil.
- 2 Check that the engines are turning in the correct direction, as well as the tubes and transport belts.
- 3 Check if all the stop systems are working.
- 4 Check that the hydraulic tubes which run from the hydraulic tank to the machine are orderly and safely stashed.

7. Recommendations for using the Leek Harvester

- 1 The belts should be close together to transport the product. The distance can be adjusted with pliers and the speed can be controlled in the driver's cabin.
- 2 Adjust the speed of the beaters depending on whether the leek is more or less sensitive. Please take note of frozen leeks, they are very sensitive.
- 3 Check the position of the container before starting up the machine.
- 4 Check the upward and downward movement of the container.

8. General maintenance

In order to maintain the maximum efficiency of your machine, it is essential to perform regular maintenance in accordance with the maintenance scheme included in your manual. Daily cleaning of your machine should be performed in order to prolong the lifespan of your machine. Make sure the machine is empty before it is shut down. Every day, the machine needs to be stripped of all the remnants and completely hosed down. PLEASE NOTE: Do not spray directly onto the bearing blocks. Please also check that the bearings have enough grease on them.

8.1 Warning

A badly maintained machine is a danger to the user and the people who work around the machine. Ensure that the maintenance and grease works that are prescribed in the maintenance program are executed. Apart from the daily tasks the programmes are based on the user hours of the machine. Do not exceed these. Ensure that any defects, noticed during maintenance works, are repaired straight away.

9. Maintenance hydraulic system

Check the hydraulic tubes daily for:

- 1 leaking or damaged barb fittings.
- 2 damage to the rubber protective coating (chafed or torn) showing the steel wire protector.
- 3 constricted or flattened zones.
- 4 intruding of the steel spiral if mounted.
- 5 shifting of the barb fittings.

REPLACE THE RELEVANT TUBE IF ONE OF THE ABOVE-MENTIONED POINTS IS DIAGNOSED.

9.1 Maintenance scheme

	Type of maintenance	Interval
Rolls	Greasing	50 hours
Hydraulic		
Oil level	Check	50 hours
Oil	Replace	1000 hours
Filter	Clean	500 hours
Filter	Replace	1000 hours
General		
Blades	Clean	Daily
Blades	Check	Daily
Brushes	Clean	Daily
Brushes	Check	Daily
Belts	Clean	Daily
Belts	Check	Daily
Tyre pressure	Check	Daily

10. Warning with leaking hydraulic tubes

Thin jets of hydraulic fluid under high pressure can penetrate the skin.

Do not use your fingers to locate any hydraulic fluid leaks.

Keep your face away from any possible leaks.

Leaks are located by means of a small piece of cardboard. Check the cardboard to see if any hydraulic fluid sprayed onto it.

Should hydraulic fluids penetrate your skin, seek medical advice straight away.

Hydraulic oil which comes into contact with the skin can cause skin irritations. Soiled clothing needs to be taken off at once and soiled hands need to be washed.

Hydraulic oil under working pressure can cause injuries. Before hydraulic tubes and hoses are dismantled or connected, the machine should be shut down, and the pressure which is in the tubes should be released with the aid of the controls. Ensure the machine cannot be started up whilst the tubes are disconnected.

Used oil: HYDRAN TSX 68 FINA or: SUNVIS 868 WR-HU SUNOCO

11. Miscellaneous parts: leek harvester

At the front of the leek harvester there are two rotating brushes which lift the leaves of the leek. Next, the lifted-up leaves are cut by two rotating blades. Adjusting the brushes and the height of the blades is of crucial importance in order to have a well-cut product.

The roots of the leek are stripped of sand by two shake elements. Shaking too slowly doesn't get rid of all the soil. Shaking too fast will cause damage to the leek.

Two peelers (optional) will clear the roots of the last soil remnants. They will also peel off the outer layer of leaves.

Next, the leeks are turned a quarter turn by means of crossed foam belts.

Finally the leeks are deposited in the container which goes back and forth.

12. Operating the controls in the cabin (Joystick)

The controls of the leek harvester are located in the cabin. By means of the two joysticks the position of the beak, the blade and the lift can be determined.

A turning knob determines the speed of the clamping belts.

The automatic cast off movement is started by bringing the lift to 1 of the extreme positions and next switching on the automatic L/R. The button automatic lowering can be opted for to make the container lower automatically when the extreme position is reached.

The extreme position must be determined based on the leek containers to be used. A contact on the lift ensures the automatic lowering stops when a certain height is reached. This way one avoids losing the container because the lift went too low.

GUARANTEE REQUEST BAEKELANDT

Name:

Address:

Machine:

Type:

Serial number:

Year of manufacture:

Date of repair:

Number of the delivery note of the parts under guarantee +date:

TYPE OF COMPLAINT AND CAUSE, INDICATED AS DETAILED AS POSSIBLE:

article number	number	description

PLEASE ALWAYS SEND THE BROKEN PARTS TO BAEKELANDT POST-PAID WITHIN ONE MONTH AFTER THE DELIVERY OF THE NEW PARTS.

BAEKELANDT

METAALKONSTRUKTIE

Machines For Processing of Vegetables

* (name + address customer)

Tieltstraat 247
8760 Meulebeke

*

USER DECLARATION

Undersigned, user of the machine, declares hereby that the machine that was delivered meets the safety standards in every respect, and that the seller or his mechanic has attached the necessary safety screens.

He has also received the necessary explanations and information from the seller and his mechanic allowing for a good and safe use.

SELLER : Baekelandt Metaalkonstruktie

Manufacturer : Baekelandt Metaalkonstruktie
Tieltstraat 247
B - 8760 Meulebeke

Description of the machine: leek harvester

Type :..PRA

Serial number :..32107244

Year of manufacture :2007

Model :PRA

signature, 16/07/07

This user declarations needs to be sent back within 10 days of delivery, duly completed and signed. If this form is not in our possession in good time, we cannot bear any responsibility concerning the CE certification and guarantee.

BAEKELANDT

METAALKONSTRUKTIE
Vegetables

Machines For Processing of

Tieltstraat 247
8760 Meulebeke- Belgium

EG DECLARATION OF CONFORMITY

Undersigned, Baekelandt Jan, hereby declares that the machine that was delivered was manufactured in our workshops located in TIELTSTRAAT 247, 8760 MEULEBEKE taking into account the safety precautions for the CE certification and machine directives 2006/42/EG

SELLER : Baekelandt Machinebouw
Tieltstraat 247
B-8760 Meulebeke

Manufacturer : Baekelandt Machinebouw
Tieltstraat 247
B - 8760 Meulebeke

Description of the machine: Leek harvester

Type : PRA

Serial number : 32107244

Year of manufacture : 2007

Model PRA

signature,

Business Manager
Jan Baekelandt

Meulebeke, 16/07/07