



REAR BLADE

USER GUIDE



 **ALPLER**

ATTENTION



**DO NOT
OPERATE THE MACHINES
BEFORE READING THIS MANUEL!**

INDEX

1. INTRODUCTION	3
2. SAFETY RULES	4
2.1. POINTS TO CONSIDER WHILE SELECTING LEVELING PLOW	4
2.2. GENERAL RULES TO BE OBSERVED	4
3. SETTINGS	5-8
3.1. TRACTOR PREPARATION	5
3.2. ASSEMBLY OF THE HYDRAULIC LEVELING PLOW TO THE TRACTOR	6
3.3. ADJUSTMENTS TO BE PERFORMED BEFORE LEVELING	7
3.4. POINTS TO CONSIDER DURING LEVELING	7
3.5. DISASSEMBLY OF THE LEVELING PLOW FROM THE TRACTOR	7
3.6. LEVELING PLOW MAINTENANCE	8
4. WARRANTY	8

WARNING SIGNS & MEANINGS



CAUTION

This sign warns that the operations described could cause damage to machine, if they are not carried out correctly.



READ MANUAL FIRST

Read the "Operating and Maintenance Manual" carefully before first start and keep the manual nearest.



WARNING

This sign warns that the operations described could cause serious lesions or long term health risks, if they are not carried out correctly.



KEEP CHILDREN AWAY

This symbol expresses to keep the children away against any risk.



Be careful against danger of entrapment.



DO NOT STAND NEAR THE MACHINE WHILE IT IS WORKING

This symbol expresses not to stand near the machine while it is working to avoid any injury.



Do not carry people or loads on the plough.



Locations which need to be greased in each use.

1. INTRODUCTION

Dear Farmer,

Firstly, we congratulate you for your correct preference on the way to efficiency by selecting the brand "ALPLER". As your agricultural partner, we offer you our product in which we combined high quality, low operational cost and effective after-sale service concept.

All of "ALPLER" products are designed for the most efficient and the safest use and tested accordingly in cooperation with the relevant university departments, agricultural establishments and farmers. We request you to read the user manual before the first operation in order to use our product in a more effective manner as well as for product and your own safety. The failures that may result from using the product beyond the instructions for use specified in this manual are not covered by "ALPLER" warranty. "ALPLER" products are manufactured for agricultural utilization purposes only, and our company does not assume any liability against the conditions arising from misuse. Maintenance, repair and operation of our products must be carried out by those who were informed on the relevant and possible dangers.

Enjoy your new product and we wish you productive and fruitful years.

We hope to serve you for a long time...



CAUTION

If the product owner changes in the future, please submit this manual to the new owner of the product and inform on safety measures.

2. SAFETY RULES

- Be careful against danger of entrapment while attaching/detaching the hydraulic leveling plow to/from the tractor; do not stand between the hydraulic leveling plow and tractor.
- Do not move the tractor without being sure that the hydraulic leveling plow is completely attached to the tractor while attaching, and it is completely detached from tractor while detaching.
- Do not carry people or loads on the hydraulic leveling plow.
- While transporting the hydraulic leveling plow on the road, turn tractor hydraulic to locking position.
- When the hydraulic leveling plow is elevated, do not stand under it.
- Be careful against the pointed and sharp edges on the hydraulic leveling plow.
- Front hydraulic selector must be in position control while attaching/detaching the hydraulic leveling plow, in draw control during operation and in locking position during transportation.
- Be careful against the danger of tipping over of the tractor while working on sloping lands.
- While turning, maximum area to which the hydraulic leveling plow can reach should be considered.
- If the hydraulic leveling plow is to be transported at long distances, it should be transported on the trailer.
- The hydraulic leveling plow should be loaded and unloaded with a hoist or crane when loaded on the trailer and unloaded from the trailer.
- Attachment/detachment of the hydraulic leveling plow should be carried out with a helper if possible, if not, apply handbrake while descending from the tractor.
- While transporting the hydraulic leveling plow on the highways, observe applicable traffic rules and be more careful.
- If any maintenance or repairs are to be made on the hydraulic leveling plow, the hydraulic leveling plow should be leveled and completely lowered to the ground, and the necessary safety precautions should be taken.
- Maintenance and repairs to be made on hydraulic leveling plow should be carried out by trained specialists who are familiar with safety precautions.
- The hydraulic leveling plow and tractor categories should match each other.
- Warning labels on the hydraulic leveling plow should always be clean and visible. If the warning labels have become worn, lost or illegible for any reason, they should be obtained from our nearest dealer and affixed to their places.

2.1. POINTS TO CONSIDER WHILE SELECTING LEVELING PLOW

- The power of the tractor to be used must match the power requirement of the Hydraulic leveling plow.
- The soil structure where the Hydraulic leveling plow will be used should be considered.

2.2. GENERAL RULES TO BE OBSERVED

- Move slowly and carefully under poor land and road conditions.
- Do not use the hydraulic leveling plow for root removal, rock removal, etc. on the land, use only for leveling.
- Do not attach any additional equipment which are not genuine parts on the hydraulic leveling plow.
- Never perform welding on the hydraulic leveling plow, replace the damaged part with an original one.

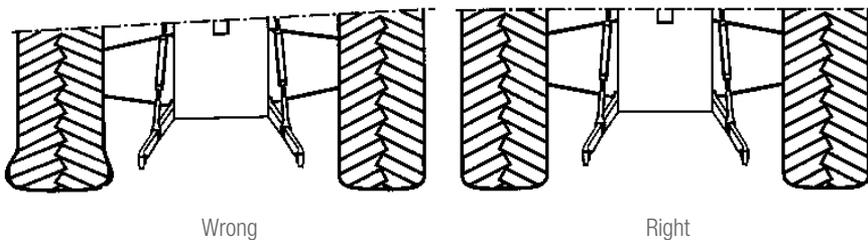
3. SETTINGS

3.1. TRACTOR PREPARATION



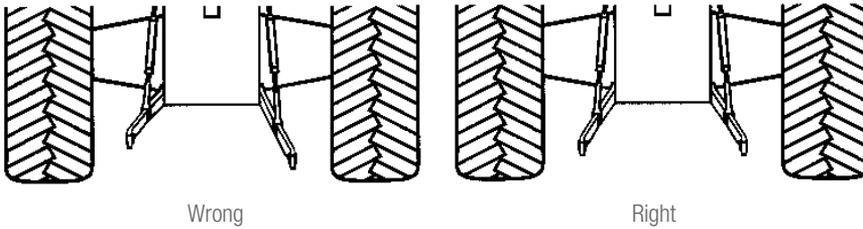
1. Left lower link arm height adjustment mechanism
2. Left lower link arm height adjustment lever
3. Left lower link arm
4. Right lower link arm height adjustment mechanism
5. Right lower link arm height adjustment lever
6. Right lower link arm
7. Upper link arm (Middle arm)
8. Right lower link arm tensioning mechanism

- Air in the right and left wheels of the tractor should be adjusted equally.

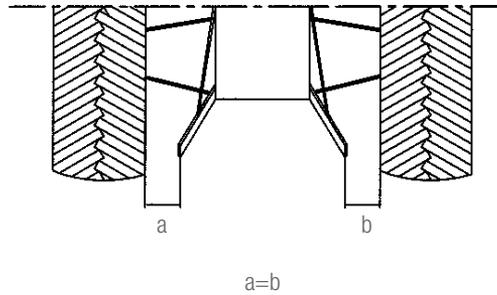


3. SETTINGS

- Right and left link arms of the tractor must be adjusted to equal height from the ground.



- Right and left link arms of the tractor must be adjusted to equal distance from the wheels.



- Attach sufficient load to the front wheels of the tractor, or to the front load attachment location, if any (Refer to the tractor operating manual).
- If there is a possibility for tow hook or dovetail to block the hydraulic leveling plow, shift it to the side, or remove them if necessary (Refer to the tractor operating manual).
- To prevent skidding, you can attach load to the rear wheels of the tractor or fill water (Refer to the tractor operating manual).
- Wheel air may be 1-2 pound(s) lower than the normal to prevent skidding during leveling.

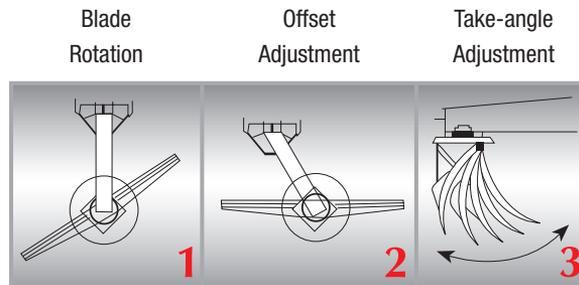
3.2. ASSEMBLY OF THE HYDRAULIC LEVELING PLOW TO THE TRACTOR

- Shift the hydraulic front selector to "POSITION CONTROL".
- Take the tractor closer to the hydraulic leveling plow properly.
- If one of the tractor lower link arms is adjusted and the other is not, insert the unadjusted lower link arm, adjusted lower link arm and finally the upper link arm respectively, and secure them with safety pin. If both link arms are adjusted, it is not important which one is attached first.
- While the hydraulic leveling plow is working, tensioning chains or tensioning mechanisms of the link arms are adjusted neither too tight nor too loose.
- Do not move the tractor without being sure that the hydraulic leveling plow is completely fixed to the tractor and the necessary precautions are taken.

3. SETTINGS

3.3. ADJUSTMENTS TO BE PERFORMED BEFORE LEVELING

- The tractor upper link arm should be extended and shortened so that the front and rear of the hydraulic leveling plow chassis are equally spaced from the ground during leveling.
- When leveling, the hydraulic leveling plow should be equally spaced from both tension arms (or chains) so that it can swing to the left and right at an average of 5 cm.
- The side plates of the Backing Shoe should preferably be assembled and disassembled with a bolt.
- Optionally, suitable adjustments should be made with the optional wheel system for precise working at constant height.
- The integrity of the hoses of the hydraulic system should be checked.
- With hydraulic pistons, the body angle, the position angle and the grip angle should be adjusted according to the desired angle.



3.4. POINTS TO CONSIDER DURING LEVELING

- During leveling, front and rear of the chassis should be adjusted at the same height.
- During leveling, right and left of the chassis should be adjusted at the same height.
- Be careful against the possibility that invisible rocks and roots may be present within the soil during leveling.
- Keep the travelling speed constant.
- Front selector must be in "DRAW CONTROL" position during leveling.

3.5. DISASSEMBLY OF THE LEVELING PLOW FROM THE TRACTOR

- Take the hydraulic leveling plow to a suitable location.
- Shift the hydraulic front selector to "POSITION CONTROL", and the hydraulic leveling plow is lowered to the ground.
- Remove the upper link arm, adjusted lower link arm and unadjusted lower link arm respectively.
- Do not move the tractor without being sure that the hydraulic leveling plow is completely detached from the tractor.

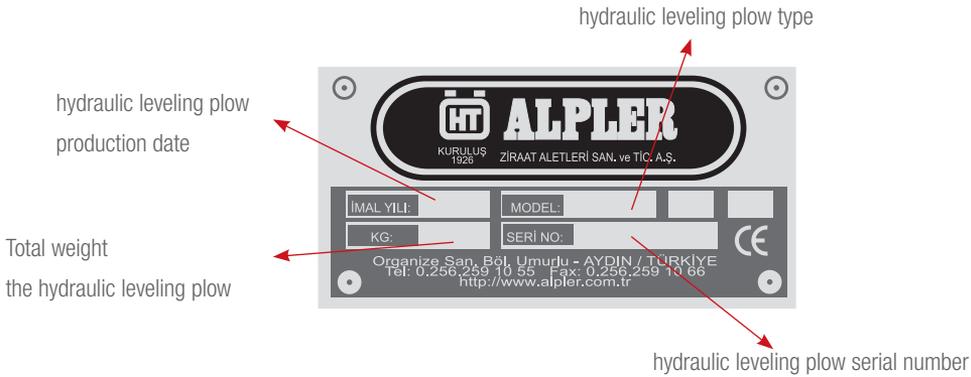
3. SETTINGS

3.6. LEVELING PLOW MAINTENANCE

- Before and after each use, the surfaces on the hydraulic leveling plow required to be greased should definitely be greased.
- Check the bolts and nuts after each leveling work; tighten the loose ones, and replace the missing ones with genuine spare parts.
- Frequently check the hydraulic leveling plow parts contacting to soil, replace the worn parts with new genuine ones.
- Clean the soil and plant residues on the hydraulic leveling plow after each use.
- In case of a need to replace a part on the hydraulic leveling plow for any reason, they should definitely be replaced with genuine ones.

NOTE: IN CASE OF A PROBLEM WITH YOUR HYDRAULIC LEVELING PLOW, DON'T HESITATE TO ASK FOR HELP IN OUR AUTHORIZED SERVICES ...

4. WARRANTY



Use original spare parts in ALPLER branded products. The customer will be responsible for the problems that occur due to not using original spare parts. The hydraulic leveling plow will not be covered by the warranty when non-original parts are installed on the hydraulic leveling plow, additional equipment is attached on the hydraulic leveling plow or it is used after removing standard parts.

While ordering spare parts, for the codes beginning with '0', plough serial number together with the part code should be provided. For other codes, it is not necessary to provide the hydraulic leveling plow serial number.

Label information is important for identifying the hydraulic leveling plow and for spare part orders. As a measure against the illegibility of the label due to deformation or its loss, label information on the hydraulic leveling plow should be written literally in the corresponding fields of the following label picture, and it should be retained.

Our hydraulic leveling plow are **warranted for 2 years** for faults that may occur due to material, workmanship and mounting errors.

Faults resulting from improper use are not covered by the warranty. The average lifetime is 10 years.

NOTES

A series of horizontal dashed lines for taking notes.



Exports to 70 countries
on 5 continents.

 **ALPLER**

ALPLER AGRICULTURAL MACHINERY

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