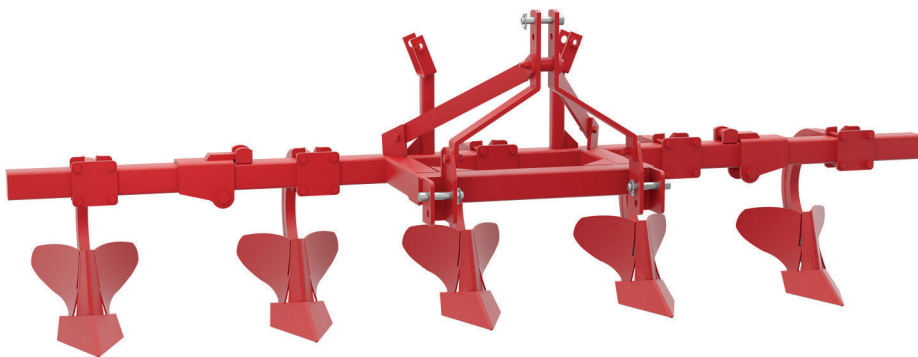




RIDGER PLOUGH

USER GUIDE



HT ALPLER

ATTENTION



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

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WARNING SIGNS & MEANINGS



CAUTION

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



Be careful against danger of entrapment.



WARNING

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



Do not carry people or loads on the plough.



Use the balance leg against danger of tipping over while detaching the plough from tractor.



READ MANUAL FIRST

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



KEEP CHILDREN AWAY

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



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.

1. INTRODUCTION

Dear Farmer,

Firstly, we congratulate you on 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 the product and your own safety. The failures that may result from using the product beyond the instructions for the 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

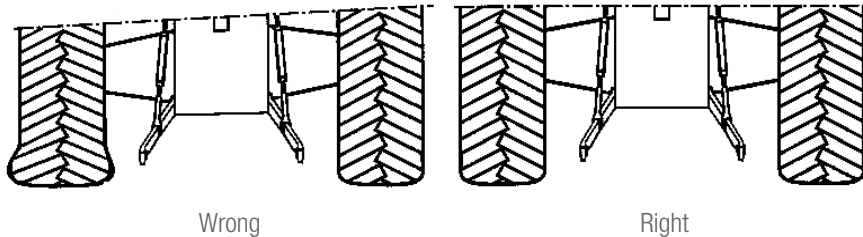
2.1. MATTERS TO BE CONSIDERED DURING HANDLING AND TRANSPORTATION

- The equipment must be connected to the trailer through marked suspension points when loading and un-loading.
- Leverage or a crane must be used while the equipment is loaded and lowered into the trailer.
- People, goods or cargo should not be carried on the equipment.
- Traffic rules should be followed and caution should be exercised when transporting equipment on highways.
- Care should be taken not to crash the equipment.
- The tractor hydraulics must be taken into lock position while the equipment is being carried on the road.
- If the equipment is to be carried over long distances, it must be loaded onto the trailer and carried.

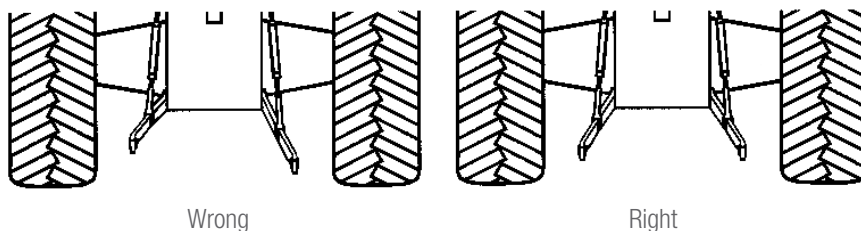
3. SETTINGS

3.1. TRACTOR PREPARATION

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

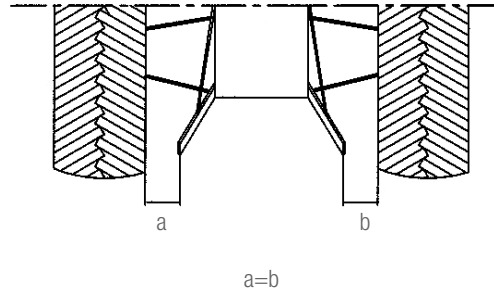


- Right and left link arms of the tractor must be adjusted to equal height from the ground.



3. SETTINGS

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



3.2. ASSEMBLY OF THE PLOUGH TO THE TRACTOR

- Hydraulic pre-selection lever is placed in “POSITION CONTROL”.
- The tractor is appropriately brought closer to the ridger plough (throat-filler).
- If one of the tractor sub-link arms is adjusted and the other is not adjusted, the non-aligned sub-link arm, adjusted sub-link arm and the last top link arm are attached and secured with the safety pin. If both sub-link arms are set, it does not matter which one is installed first.
- The tensioning chains or tensioning mechanisms of the connecting arms are set so that when the ridger plough (throat-filler) is running, it is not too tight or loose.
- The equipment should not be moved without making sure that it is fully secured to the tractor and the necessary safety precautions are taken.

3.3. DISASSEMBLY OF THE PLOUGH FROM THE TRACTOR

- The equipment is brought to a suitable location.
- Hydraulic pre-selection lever is taken to “POSITION CONTROL” and the plow is lowered to the ground.
- The top link arm, adjusted bottom link arm and unaltered bottom link arm are removed, respectively.
- The tractor should not be moved until it is sure that the equipment is fully separated from the tractor.

3.4. INTRODUCTION AND BASIC INFORMATION ABOUT THE PROPERTIES OF THE EQUIPMENT

- Special alloy and safety pin legs designed for maximum efficiency with optimal stinging angle.
- Adjustable leg spacing allows you to work in different job widths.
- High end iron saving with heat treated Blade structure.

3. SETTINGS

3.5. MATTERS TO BE CONSIDERED WHEN SELECTING EQUIPMENT

- The power of the tractor to be used must be in accordance with the power requirement of the equipment.
- The soil structure of the equipment to be used should be taken into consideration.

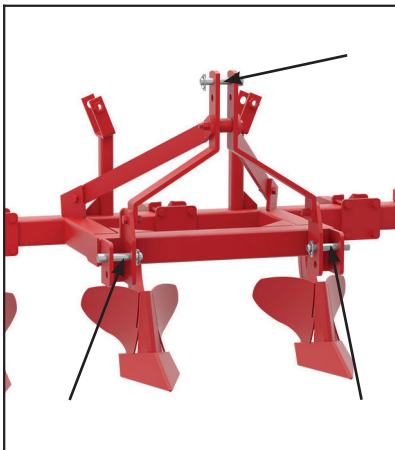
3.6. RULES THAT MUST BE FOLLOWED

- It must be driven slowly and carefully in poor terrain and road conditions.
- The equipment should not be used for root removal, rock removal and similar works in the field and should only be used for ploughing purposes.
- No manoeuvres should be made while the equipment is in the ground.
- No additional parts that are not original should be attached to the equipment.
- No welding should be done on the equipment, the damaged parts should be replaced with the original parts.

3.6. NECESSARY PREPARATIONS AND SETTINGS FOR USE

- The top link lever should be lengthened and shortened so that the front and back of the ridger plow (throat-filler) chassis are equally high above the ground during release.
- During release, the top link lever should be straight or inclined towards the tractor while the ridger is in the ground to the plow (throat-filler). This setting can be done by changing the height picks at the mount point of the ridger mounting head and tractor upper arm.
- While ploughing, the spacer (throat-filler) should be equally spaced on both strut arms (or chain) so that it can swing right and left.

3.7. CONNECTING THE RIDGER PLOUGH TO THE TRACTOR

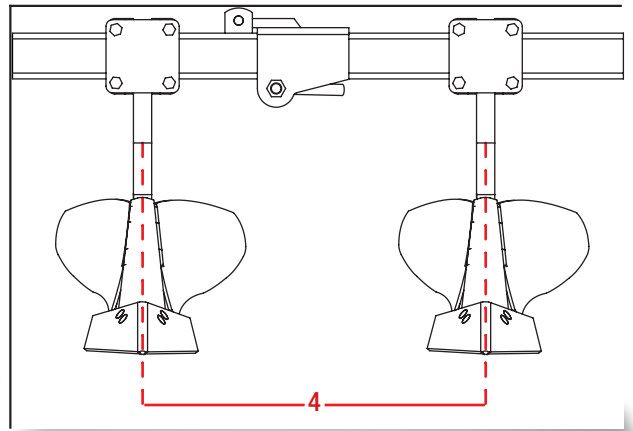
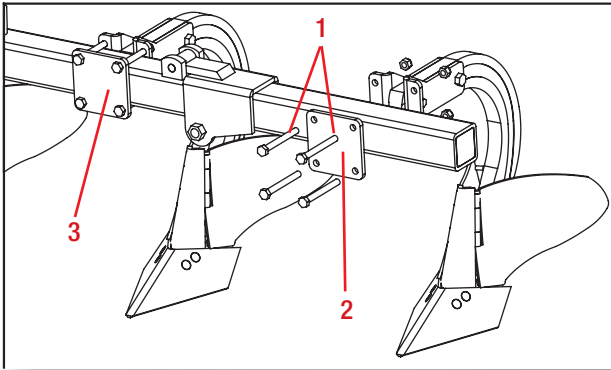


- Position control system of the tractor must be used during the connection process of the plow.
- The tractor should be approached to the plow appropriately.
- If one of the tractor sub - link arms is adjusted and the other is not adjusted, the bottom link arm, adjusted bottom link arm and the last top link arm must be attached and secured with the safety pin.
- If the terrain is rough, the upper connection lever should make the plow into the hole in the middle at the upper connection point. In rough terrain, lower connecting arms may be attached to the lower or upper hole.
- The tensioning chains or tensioning mechanisms of the connecting arms should be adjusted so that they become too tight or loose when the plow is running.
- The tractor should not be moved until it is sure that the plow is fully secured to the tractor.

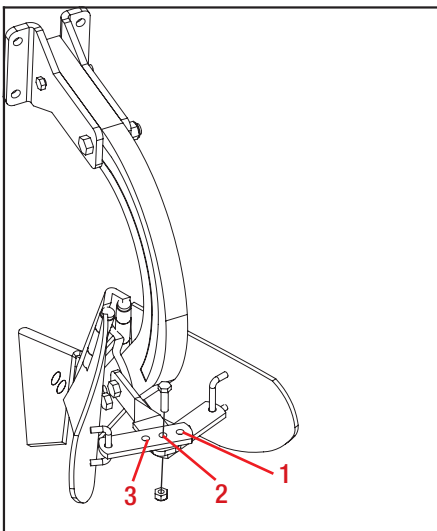
3. SETTINGS

3.8. ADJUSTING THE ROW SPACING OF THE PLOUGH

- The fasteners indicated by number 1 should be loosened before the row spacing of the plough is adjusted.
- According to the number of row shown in Figure 2 and 3 (there should be equal setting for all of the number of rows), the interval distance (04) should be adjusted according to the number of rows shown in the group technical information.
- After the inter-sequence adjustment process is completed, the fasteners indicated by number 1 are tight-ned and their robustness should be checked.



3.9. CHANNEL WIDTH SETTING



- The channel width setting is adjusted using fasteners by matching the holes 1,2 or 3 on the sheet metal shown in the figure. The channel width can vary between 34 cm and 46 cm.

3. SETTINGS

3.10. RIDGER PLOUGH FIELD LOCATION AND ROAD STATUS

- The road and field condition of the Ridger plough (throat-filler) is shown in the figure. Position 1 should be designated as field position and position 2 should be designated as road condition.
- To get from the road state to the field position, the number 3 pin is removed with the help of fastener and after being brought to the number 1 position, the number 4 pin is tightened with the help of fastener.
- Getting from field to road condition is removed with the help of pin number 4 and after being brought to position number 2, it is tightened with the help of pin number 3.

3.11. WARNINGS ABOUT SITUATIONS THAT MAY BE HARMFUL TO HUMAN HEALTH AND THE ENVIRONMENT DURING USE

TRAFFIC

- When you attach your equipment to the tractor, follow the traffic rules, especially lighting and necessary protection mechanisms, and take safety precautions. Follow the safety and Accident Protection instructions exactly.
- Lighting equipment (taillights, cat eyes, etc.) that allows the tractor to be seen by other drivers while watching on the road should always be kept clean and operational.
- During breaks, the tractor must be passed through a general control (tire air and failures, loose nuts, safety pins, traffic lights etc.).
- Attach a signal flag for the equipment out of the tractor.

CLOTHES

- Use appropriate work clothes. Definitely do not use baggy clothing items. These can be grabbed by pieces of equipment that are rotating and in motion.

EQUIPMENT

- If you are going to use the equipment for the first time, read all the instructions carefully. If you are in doubt, contact the manufacturer/importer company.
- Unauthorized third parties are prohibited from using or maintaining the equipment.
- Do not operate under low lighting conditions.
- It should not be parked on a sloping ground where it is not connected to the tractor, and in case it is not connected to the tractor, it should be prevented from moving safely.
- Do not expose the machine to excessive strain during use and maintenance.
- When transferring your equipment to another location, make sure that it is removed from the designated lifting points on the equipment.
- To perform the equipment-tractor connection, the tractor must definitely be brought closer to the equipment.
- In the event of movement of the tractor, the equipment should not be mounted on the equipment and should not be prevented because of the danger of being fitted in such cases as climbing and passing in front of the equipment.
- Only connect to the specified type of tractors according to the instructions or replace the twisted parts before starting to use.

3. SETTINGS

EQUIPMENT

- When lowering the hydraulic lever, caution should be exercised when lowering the hydraulic lever, as it can be exposed to impact danger if it is located in the danger zone.
- In case the equipment is not connected to the tractor, it should be placed in a balanced way.

TRACTOR

- Make sure that the person driving the tractor on which your equipment is installed is a driver's license holder (F) and an experienced, trained driver.
- Exhaust gas is toxic. Therefore, the tractor should not be operated in unsuitable and closed places.
- The clutch should be softly gripped and the tractor should be moved. Sudden and harsh takeoffs can cause dangerous skyrocketing and prancing, especially when going uphill or pulling loads.
- Gear should not be declutched when going downhill.
- While on the move, the tractor should never be boarded and landed.
- When driving on the road, make sure that the brake pedals are connected to each other (the brake latch is attached). Otherwise, the tractor will hurl dangerously during braking.
- Except for the person driving the tractor on the move, one or more passengers should not be moved unless the tractor is equipped with seating or places.
- When equipment is to be installed on the tractor, the front or rear weights of the tractor should be installed or the tires should be filled with water.
- The tractor should always be used with its own safety frame attached to it. The safety frame should be checked from time to time to ensure that its connections are not complete, cracked or broken.
- In very hot weather the fuel tank should not be fully filled. It can carry fuel that expands in volume with heat. Every leak that occurs should be immediately wiped out and cleaned up.
- The tractor should not be started and manoeuvred without sitting in the driver's seat.
- During the trip and return to the field, stretch the side chains of the tractor hydraulic arms thoroughly. Three-point connection safety pins must be installed. It must be hydraulic locked. The connecting shaft must be removed.
- Please note that the machine connected to the tractor will change some functions of the tractor (braking distance, steering control, center of gravity, etc.).
- Especially when going to the field in strapped equipment, turns and curves should be entered very slowly.
- The tractor front select lever should be in "position control".
- Check tire pressures before leaving and during breaks.
- You should be slow and careful when pulling heavy loads. Only the check hook should be used in the check operation. If there is no suitable binding arrangement, you should not attempt to pull using hydraulic lift, middle suspension and side pull levers. Otherwise it can cause rearing.
- Connect your equipment to the appropriate category of tractor specified in the operating instructions, which has an appropriate towing power and hydraulic lifting scheme.
- For hanging type equipment, the control unit must be in the "0" position before connecting and disassembling.
- The category of your equipment and tractor three-point suspension layout must be the same.

3. SETTINGS

TRACTOR

- Before connecting your equipment to the tractor, pull the handbrake of the tractor, and take the gear off.
- Be very careful when connecting and separating the equipment from the tractor.
- During the attachment of the equipment to the tractor, nobody should be between the Equipment and the tractor in case of crushing, pinching, cutting and breakage.
- Start working on your equipment and tractor after taking all safety precautions.
- If your tractor is running, never leave the driver's seat.
- When working on slopes, be careful of the risk of overturning.
- Precautions should be taken to prevent the hazards that may arise from changing the center of gravity during loading and unloading.
- Do not go back during work.
- Before leaving the tractor, lower the hydraulic equipment. After turning off the engine, pull out the handbrake. Get the ignition key.
- Make adjustments and repairs to your equipment only when the tractor engine is off and the wheels are wedged. Take the ignition key of the tractor with you before starting maintenance, adjustment or repair.
- Return to work before leaving the equipment behind the tractor, make sure it is completely lowered to the ground.
- If possible, the tractor should be parked in a flat place, in which case plug it into one of the gears and the handbrake should be pulled. If it is to be parked on a sloping terrain, it must be fitted in uphill first gear, downhill reverse gear, and in both cases the handbrake must be pulled. Especially if the tractor is attached to the trailer, the wheels should be wedged to be safer.

ENVIRONMENT

- Before starting the tractor and the equipment, make sure that there are no other people, especially children and pets, around the equipment and take the necessary precautions so that you can see the surroundings comfortably.
- Tree root with obstacles such as rags, nylon v.b. land obstacles should be eliminated by taking care of waste materials.
- It should not be worked in multi-stony fields.
- During the work, never approach the equipment, do not approach anyone.
- Correct ploughing must be made against erosion hazard.

4. MAINTENANCE

4.1. PERIODIC MAINTENANCE INFORMATION, TIME OF PERIODIC MAINTENANCE AND WHO WILL PERFORM IT

- Lubricate the grease nipples.
- Replace the edges of worn end irons.
- Periodic maintenance of the equipment will be done by the consumer.

4.2. CONSUMER CARE AND RULES TO BE FOLLOWED

- Clean the equipment from the plant and soil when your work is completed.
- Lubricate the grease nipples.
- Keep your equipment in a covered place against rust.

4.3. OPERATION ERRORS

FAULT	CAUSE
Breaking and curving of the legs	It occurs as a result of the equipment performing a rotational maneuver while in the ground. Mismatch of equipment model with tractor power Performing a back-driving maneuver while the equipment is in the ground
Deformations in equipment	Trying to continue the ploughing by forcing the equipment out of the place where it was installed when pieces of stone, tree root etc were stuck during the ploughing.
Bolt and pin cutting	Failure to use original spare parts

5. REPAIR

5.1. RULES TO BE OBSERVED REGARDING REPAIR

If the consumer goes to a repair other than self-repairs, the damaged part will be excluded from the warranty scope. Failure to use the original spare parts during repair excludes the part from the scope of the warranty and the responsibility for damages related to human and environmental health arising from this situation belongs to the consumer.

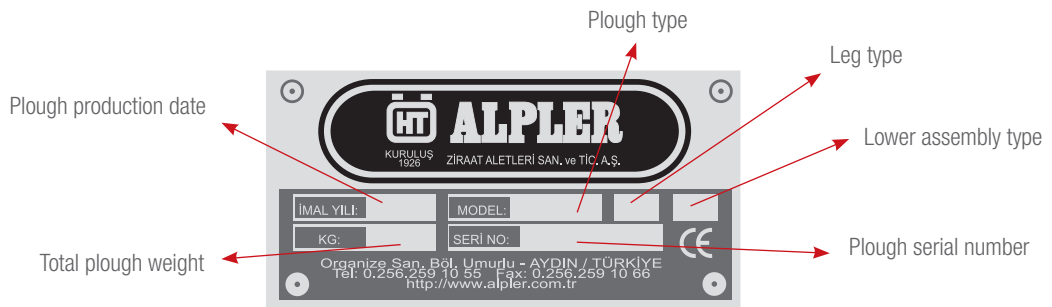
5.2. REPAIRS TO BE PERFORMED BY THE CONSUMER

- Changing grease nipples.
- Changing the felt of the bearing.
- Changing the check pin.
- Changing the spring pin.
- Tightening loose bolts.
- Changing the Blades (end iron).

5.3. AFTER SALES SERVICES, SERVICE AND SPARE PARTS

You can contact our company at the following address for after sales services case and spare parts supply.

6. 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 plough will not covered by the warranty when non-original parts are installed on the plough, additional equipment is attached on the plough 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 plough serial number.

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

Our ploughs 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.

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

6. WARRANTY

WARRANTY CERTIFICATE


Warranted by ALPLER for a period of two years

BRAND: ALPLER
PRODUCT TYPE:
MODEL:
SERIAL NUMBER:
DATE OF PRODUCTION:

Seller's

Title:.....
Address:.....
Phone:.....
Fax:.....
Invoice Date:.....

Signature & Seal






Exports to 75 countries
on 5 continents.

 **ALPLER**

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