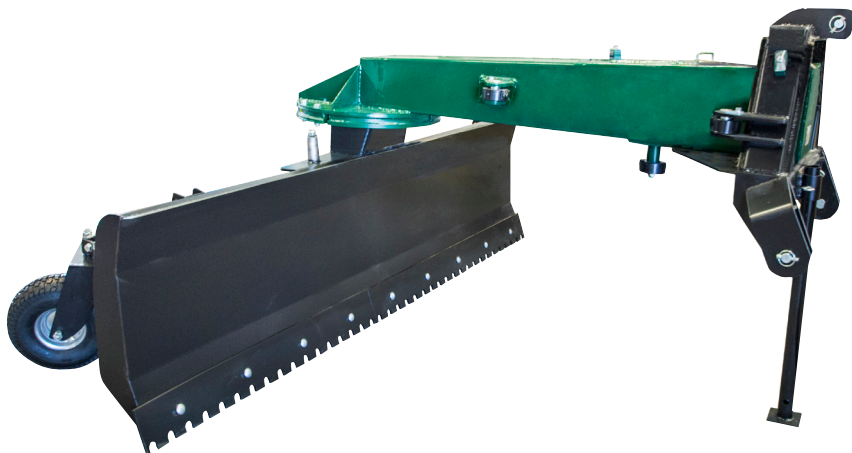




# **Kellfri<sup>®</sup>**

**37-27070S**  
**37-27070SH**  
**37-27070SCC**  
**37-27070SHCC**  
**DOZER BLADE**



**PLEASE READ ALL INSTRUCTIONS BEFORE USING THE PRODUCT !!!**

**TRANSLATED FROM THE ORIGINAL**

## INTRODUCTION

Thank you for choosing a product from Kellfri AB. By following the general safety information, instruction manual and common sense, you will get many years of enjoyable use of the product. Kellfri's tools and machines are aimed for farmers with high demands on functionality.

## PRODUCT INFORMATION

Dozer blade 2.7 metres. The most efficient snow and road equipment! Kellfri's 27070S Dozer Blade is one of the largest dozer blades in our range. Suitable for those requirements that demand a little extra. The dozer blade is double-articulated with a robust boom that can be hydraulically adjusted laterally, making it possible to drive safely on the road and to push the snow further out into ditches to make space for new snow. This feature offers the same safe operation when dragging gravel roads without having to drive too close to the edge of ditches to scrape in the gravel. The boom can easily be adjusted from inside the cabin enabling work in sharp bends in full control of the blade leading to excellent results. The dozer blade's hydraulic cylinders alter the working angle of the dozer blade or twist it around from inside the cab for working in reverse and facilitates snow-ploughing for instance at crossroads, in courtyards and parking areas where snow must be cleared and piled up. The support wheels are easy to fit and height adjust using a bottle screw, which provides variable adjustment for the correct working height and blade angle when clearing snow on unfrozen ground, dragging gravel roads and other adjustment work. Fitted with replaceable wear steel which is reversible and can be used toothed or flat, stabilisers, support wheels, hydraulic cylinders, hydraulic hoses and lifting arm pins.

Two double-acting hydraulic outlets are required to use the dozer blade on tractors. The dozer blade is supplied with four hydraulic ½ inch, quick coupling male hoses.

TECHNICAL DATA	37-27070S	37-27070SH	37-27070SC	37-27070SHC
Working width	2 700 mm	2 700 mm	2 700 mm	2 700 mm
Blade height	700 mm	700 mm	700 mm	700 mm
Wheel	-	2 st	-	2
Hydraulic cylinder	-	-	2	2
Wear-resistant steel	Exchangeable	Exchangeable	Exchangeable	Exchangeable
Weight	521 kg	525 kg	525 kg	550 kg

## INTENDED USE

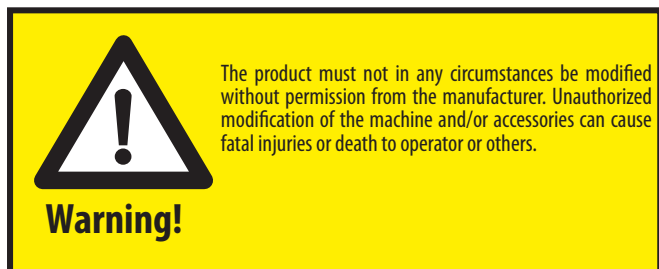
The equipment is intended for land planning, snow removal, handling loose material such as manure, sand, gravel, grain, etc.

## BASIC SAFETY INSTRUCTIONS

Before using the product, please read the safety information and instruction manual and understand its contents for your own and others' safety. Always keep the safety information and instruction manual easily accessible to the user of the product. Remember that it may be good for your own and others' safety to read the safety information every now and then. If the instructions manual is damaged or otherwise unusable, please contact and order a new one from: Your retailer

The general safety instruction is also available from Kellfri's website: [www.kellfri.co.uk](http://www.kellfri.co.uk)  
Do not use this equipment if you are feeling sick, tired or in influence of alcohol. Nor if you are under the influence of strong medications or drugs, suffering from strong depression or severe mental illness. Always follow the general traffic rules and regulations and the rules of the Animal Welfare Act. Persons under 15 years old and people with mental illness may not use these product.

**Kellfri disclaim any responsibility for self-made modifications, changes or alterations.**











## PRODUCT SAFETY

Read the instruction manual carefully before using the machine. Always check the performance of the machine combination to be used to ensure the safety and functionality. Visually inspect the equipment before use.

- Do not put hands or feet under the machine without stopping the machine and the tractor's engine.
- Never leave the equipment unattended while the tractor's engine is running. Turn off the engine and apply the parking brake when you leave, even for a short moment.
- Always disengage the machine before performing service or maintenance work.
- Only the operator of the tractor must be in the vicinity of the machine during work.
- Do not climb on the dozer blade.
- Never leave the gear retracted. The hydraulics can lose pressure and tool can fall down.
- Make sure that all guards are always correctly mounted and can not come loose.

## WARNING LABELS

Make sure that the warning labels are always visible, clean the warning labels if necessary. Do not wash with high pressure washer directly on the warning label. If any part of the decal is worn or label becomes frayed or otherwise unreadable, order new decals.

Symbol	Explanation
  	<p>Read the operating manual before carrying out work. Warning! Before maintenance, servicing, connecting and disconnecting the machine, the tractor must be turned off and the ignition key removed.</p>
   	<p>Risk zone 15 m Respect the danger area of the implement! Warning! Risk of crushing! Do not permit anyone to stand under suspended loads</p>
	<p>The product is CE-marked</p>

## PERSONAL PROTECTIVE EQUIPMENT

Wear suitable clothing and footwear. Do not wear loose clothing or jewelry when working with the equipment. Remember to put up long hair when working with equipment that rotates. Use protective gloves as there is a risk of burns if any hot surfaces are touched such as exhaust pipes, and avoid getting oil and petrol on skin.



## INSTRUCTION FOR EMERGENCIES

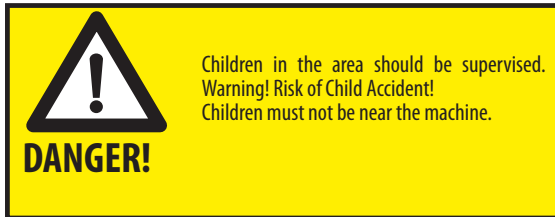
In case of an emergency please dial 112.

Keep cell phone or emergency phone available specially when working alone. First aid kit and fire extinguishers must be kept easily accesable during all work, maintenance and service.

## SURROUNDINGS

Check and make sure that the area is clear of people, children and objects before switching on or using the equipment. Risk of serious personal injury. Be especially careful if children are in the area where the equipment is being use or stored. Check that there are no low-hanging power lines within the work area. Be careful when working on slopes and near ditches.

Always work alone with equipment designed for single - purpose tools/products. Never have junk/debris lying in your work area. Have workspaces clean. Always respect the risk zone. DO NOT allow anyone to ride on the blade!



## BEFORE USE

Read the safety information and operating instructions carefully. Be sure that you understand the safety information, operating instructions and warning labels. Use common sense when using the machine and use appropriate personal protective equipment Always check the performanceand the machine combination that are use.It's highly important these matches in a satisfactory manner.This is to ensure the product or the function and most important yours and others safety.

Visually inspect the equipment or product before using it.Fix or replace damaged and worn parts immediately to reduce the risk of injury. Lubricate moving parts and check that all screw-nuts and bolts are tightened. Clearing when necessary.

Learn and remember the correct working method. Beginners should always keep a low speed, use extreme caution before routine and product knowledge is achieved. The user/customer is responsible to handle the situation correctly. The product should not be taken into use unless it can be done in a safe way for the user.

- Ensure that all nuts, bolts and fittings are securely attached, that all packing / shipping supplies such as tape, steel tape, rope, etc. are removed.
- Check that the reinforcing bars are not broken, replace if necessary.
- Lubricate the tower rim thoroughly with grease before the blade mounted.
- Turn and check that everything is clear before the cylinder is mounted.



## OPERATION

Only people who understand the safety information and operating instructions to operate this equipment or product. Be alert and cautious while working with the tool or product, and use only the tool or product in the manner described in the manual. When working with equipment that has moving parts, there is always the risk of injury. Be careful when working with equipment equipped with hydraulic hoses ,oil under pressure can penetrate the skin. Seek medical attention immediately if this occurs.

Always work alone with the tools that are defined as single porpose tools. Respect the equipment's danger zone.Reduce speed when working on slopes and uneven terrain.

## CONNECTING THE MACHINE

- Connect the implement to the tractor's rear three-point hitch.
- Do not forget to install all the safety pins.
- Dozer blade with hydraulic steering - connect the hydraulic hoses to the tractor's hydraulic outlet.
- Ready for use.

Be careful when connecting the blade onto the tractor. Always keep an eye over the tractors working area during all work with the blade. During operation, pay particular attention so that the blade do not hit any external obstacles, especially when swinging the blade. Before leaving the tractor cabin, lower the dozer blade on the ground.



## AFTER USE

Parking is not allowed with the equipment above ground, only with the equipment resting on the ground. Rinse the implement if necessary.

## TRANSPORTATION AND STORAGE

Make sure there are no people, children and foreign objects around the area before transporting the machine. Always take an extra caution during the transport. Ensure that the product is well secured and that transport brackets are mounted. Always place the load as low as possible. Respect the danger zone even during transport. When lifting the equipment, never go underneath suspended loads. Trailer used for transport should have working brakes. Always store the machine in a dry place preferably underneath a cover when not in use. Ensure that the product is stable and not likely to tip over. Never let children play where the machine is being stored. Always keep in mind the risk of tipping!

## MAINTENANCE AND SERVICE

Make sure the product is stable and not likely to tip over during maintenance and service. Replace damaged and worn parts immediately to reduce the risk of damage. Perform maintenance, servicing and inspections as recommended. Use only parts with equivalent performance to reduce the risk of damage and failure. All repairs and connections with electricity must be performed by an authorized person. Always follow the safety regulations according to maintenance schedule. Especially pay attention to the safety of knives, danger occur if they come loose during operation.

- Regularly check the condition of the product before the failure is a fact. Discovered cracks, twisting, bending, glitches or fatigue stop work and rectify the fault. Worn parts should be replaced.
- Re-tighten all nuts and bolts after a few hours of driving.
- Disconnect the equipment from the tractor when the fault remedied.
- Check all nuts and bolts are tightened after performing maintenance and service. Always test the machine before using it.
- Lubricate all lubrication points regularly.

For spare parts: Contact Kellfri Service

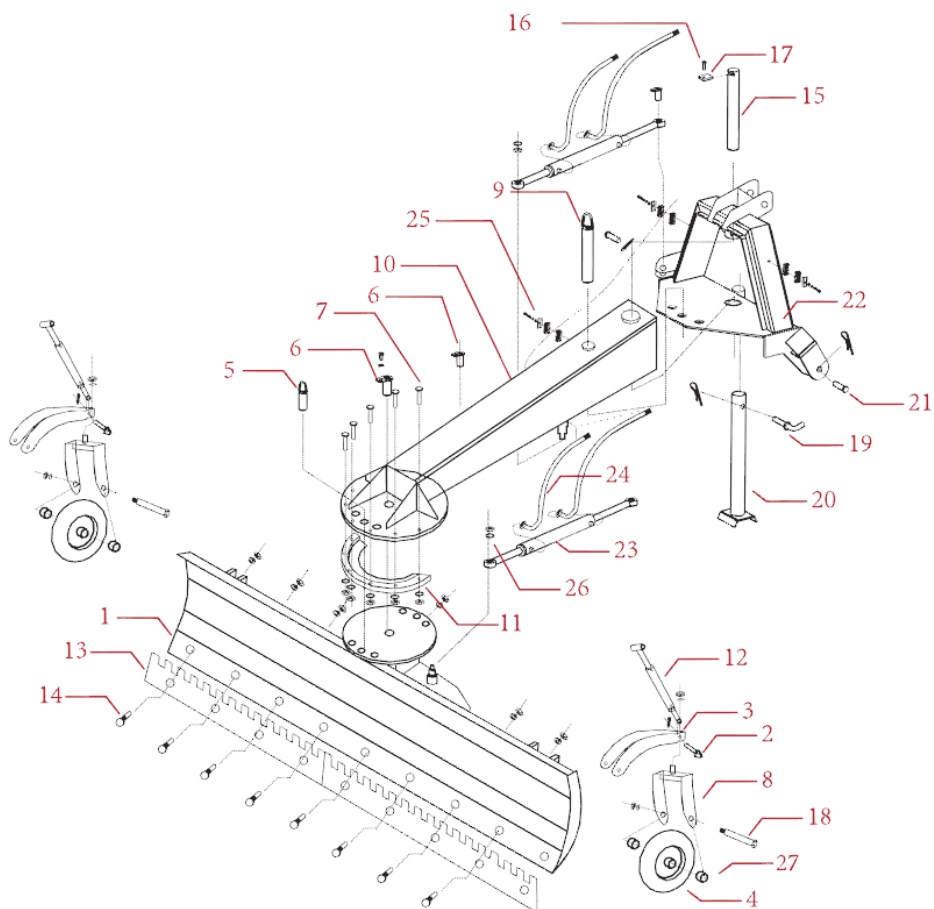


**WARNING !!!** To avoid mechanical damage to the blade, always have in mind that when driving with the blade turned from the tractor (reversing the tractor), the blade does not have the ability to go over obstacles and unevenness compared to when the blade is turned towards the tractor. Some dozer blade is possible to side shift and to change the angle of the blade. This is done by adjusting the position of pin that holds the blade and boom angle.

The dozer blade is intended to be used on gravel or tarmac. Max speed: 20km / h

## RECYCLING

Disposal of the product, disassemble and transport to the municipality's recycling station. Contact your local authority for further information.



## SPARE PARTS

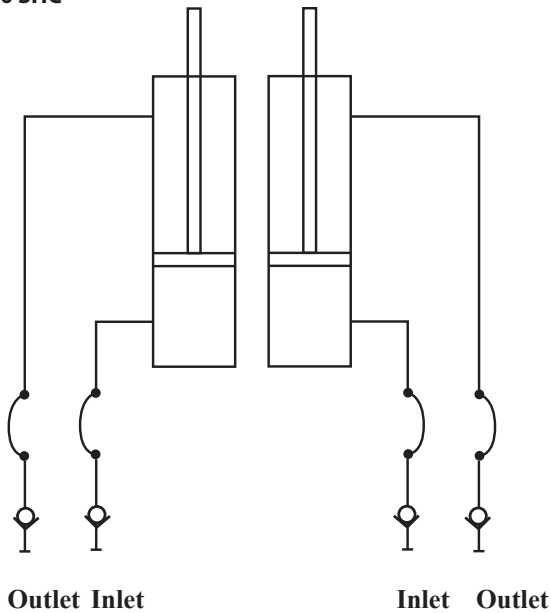
1. Blade	8. Suspension	15. Pin to the tower	22. 3 point linkage
2. Pin wheel bracket	9. Pin - boom 39x325	16. Bolt 10 x 20	23. Cylinder
3. Wheel Bracket	10. Boom	17. Washer - tower	24. Hydraulic hose
4. Wheel 4.80 / 4.00-8	11. Rotation plate	18. Joint pin 25x184 + M20 nut	25. Hook
5. Pin - locking angle 34x78	12. Adjustment Rod - wheel	19. Sprint outrigger 16x70	26. Nut M18
6. Locking pin - Boom	13. Steel blade	20. Outriggers	27. Sleeve
7. Bolt M16x75	14. Bolt M16x40	21. Locking pin to the tower 27,5x111	

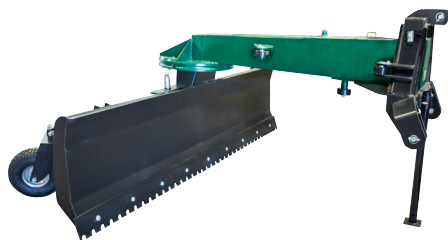


The suspension shall be installed as illustrated.



Wiring diagram 37-27070 SHC





**37-27070S**  
Dozer only



**37-27070SCC**  
Blades +2 cylinders



**37-27070SH**  
Blades + wheel



**37-27070SHCC**  
Blades +2 cylinders & wheel

We are grateful for your help pointing out any inaccuracies in the Kellfri product delivered to you. Before making a complaint read Kellfris general warranty and sales conditions in our catalog as well as the enclosed User's manual that comes with the machine.

Please fill in the details below and attach photo and other information in order to process your request.

<b>Buyer:</b>		<b>Customer number:</b>
<b>Address:</b>		<b>Invoice number:</b>
<b>E-mail:</b>		<b>Phone nr:</b>
<b>When was the product delivered?</b>	<b>When was the product taken into operation?</b>	<b>Did the product functioned as it should upon the first operation?</b>
<b>Defect product / part:</b>		
<b>Problem description:</b>		
<b>Describe the sequence of events:</b>		
<b>Other:</b>		

**Submit Complaint form and photo to:**

**Kellfri AB**

**Division of service: Contact Kellfri retailer**

**Munkatorpsgatan 6**

**532 37 Skara**

**WEB**

**www.kellfri.se**

**Tel: 0511-242 50**

**Fax: 0511-168 33**

**Or e-mail service.**

**Email: info@kellfri.se**

## WARRANTY TERMS AND CONDITIONS

Validity of the warranty - Kelfri's Warranty is valid 12 months from the date of purchase

This warranty replaces - Compensation for spare parts after acknowledgment that the fault lies on the material or manufacturing defects.

This guarantee do not cover

- Labour costs
- Travel expenses
- Any modification that the buyer himself has/had made.
- Any consequential damages that occurred out of damage to the machine.
- Damage due to normal deterioration of the machine, inadequate: service, user inexperience or use of spare parts which are not original.
- Wear parts such as hoses, seals, oils, and mechanical belts

## EG-FÖRSÄKRAN OM MASKINENS ÖVERENSTÄMMELSE, ORIGINAL

EC-DECLARATION OF CONFORMITY

According to 2006/42/EC, Annex 2A

Kelfri AB

Munkatorpsgratan 6

532 37 Skara, Sweden

Declares that the machine

Name: 37-27070S, 37-27070SH, 37-27070SCC, 37-27070SHCC

Type: Dozer blade

Complies with all applicable provisions of the Machinery Directive 2006/42/EC.

Other equipment must meet the hardware requirements of the Directive



Tina Baudtler, VD 2013-09-11

*Kelfri AB is constantly working on further developing their products and therefore reserves the right to modify, among other things the design and appearance without notice*

## CUSTOMER SERVICE

You are always welcome to give your feedbacks, reviews or ask us about our tools and products.

Kelfri AB

Telefon: 0511 - 242 50

Fax: 0511 - 168 33

E-post: [info@kelfri.se](mailto:info@kelfri.se)



Last Modified : 2014.09.19