

# **Kellfri<sup>®</sup>**

## **32-S230 GRITTER**



**CAREFULLY READ THE OPERATING INSTRUCTIONS BEFORE USING THE PRODUCT!  
OPERATING INSTRUCTIONS TRANSLATED FROM THE ORIGINAL**

## INTRODUCTION

Thank you for choosing a product from Kellfri AB. By following the general safety information and the instruction manual and by using common sense, you will have a great and safety use of your Kellfri product for many years. Kellfris tools and products aimed at the self operateing farmer with high demands on functionality.

## PRODUCT INFORMATION

A gritter with simple and stable design for sand and salt and with quick adjustment of spreading quantity. For small and large scale ice clearing. With 50 mm ball coupling for towing using an ATV or tractor. The hopper holds 230 litres, substantial wheels drive the spreading auger which is easily disengaged for transport and re-engaged with a simple manual operation.

TECHNICAL DATA	32-S230
Working width	1 000 mm
Total width	1 300 mm
Hopper volume	230 L
Weight	60 kg
Wheels	4,80/4,00-8
Bottom flap	Standard
Tow coupling	50 mm ball coupling

## INTENDED USE

The equipment is only intended for spreading gritting materials such as sand and salt. Suitable for gritting trottoar and pathways, courtyard etc.

## SAFETY INFORMATION

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

## PRODUKTSÄKERHETSINFORMATION

- The product may only be used in the manner described in this manual.
- Risk of crushing! Never stick your hands or feet inside the gritters auger.
- Only you who operates may be in the vicinity of the machine during operation.
- Always turn off the engine of the towing vehicle before servicing or refilling the hopper.
- Do not load the machine while operating. Keep the bucket low during all transport with load in it. Maximum speed of 20km / h
- Only one person may operate the machine, it can otherwise lead to misunderstanding and result in injury. ***The equipment is not approved for operation on public roads.***
- During service, put the gear on level ground.
- Do not allow anyone to ride on the gritter! Danger zone 5 meters.
- Never overload the equipment

## WARNING DECALS

Ensure that warning labels are always visible and clean. Clean the warning labels as required. Do not rinse using pressure washer directly on the warning labels. Any damage/ brokenstickers should be replace. Order new stickers from your supplier.

SYMBOL	EXPLANATION
	Read the instruction manual carefully before use
	Warning! Risk of flying debris! Risk zone 5 m
	Risk for children accidents.
	Forbidden to stay on the machine.
	Rotating knives
	The machine is CE-marked

## PERSONAL PROTECTION

Always wear suitable clothing and footwear. Do not wear loose clothing or jewelry when using the machine. Remember to put up long hair when operating rotating machines. Wear protective gloves, to prevent risking burns on contact with hot surfaces such as exhaust system, and to avoid oil and gasoline on the skin. Hearing protection should be used when the engine is running.



## INSTRUCTIONS FOR EMERGENCY SITUATIONS

In case of emergency, call 112.

Always have a mobile phone or emergency phone available when working alone. A first aid kit and fire extinguisher must be kept in an easily accessible location when carrying out any work, maintenance and service. To perform an emergency stop, turn off the tractor.

## SURROUNDINGS

Make sure your working area is clear from people, children and objects before installing and using the machine. Risk of serious injuries can occur during operation. Take an extra caution when children are in the area where the equipment/ product is being use or stored. Check the area for low hanging electrical wires. Be careful when working on slopes and near ditches.

Always work alone with single - purpose tools/products. Never have junk lying in your area. Keep working areas clean. Always respect the risk zone.

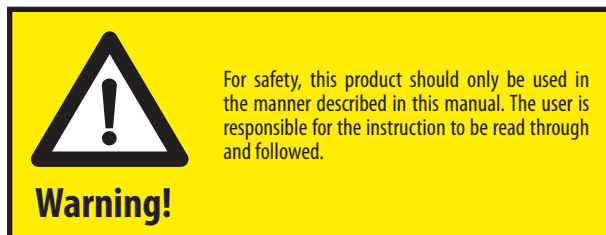


## BEFORE USING

Read the instruction manual carefully. Be sure that you understand the safety information, instruction manual and warning labels. Use common sense when using and use the appropriate personal protective equipment.

Always check the performance of the machine combination to be used. Importantly, these harmonize and match in a satisfactory manner. This is to ensure the implement function and your and others' safety. Visually inspect the gear or the product before use. 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 methods. 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.



## USE

Only people who understand the safety information and operating instructions may operate this equipment or product. Be alert and cautious while working with the equipment and only use the equipment in the manner described in the manual. When working with equipment that has moving parts there is always the risk of crushing.

- Check and tighten all the nuts and bolts of the machine.
- Check that the equipment is not damaged before use.
- Practice the movement pattern calmly and methodically for desired spreading amount
- Operate and check spreading of the gritter.
- The machine gritters when driving forward and stops when driving backwards



## AFTER USE

Rinse the equipment with water if necessary.

## TRANSPORT AND STORING

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!

**IMPORTANT!** During transport adjust the spreader in transport position!

## SERVICE

- Regularly check the condition of the gritter before the failure is a fact.
- If cracks, twisting, bending, gaps or fatigue is discovered stop the operation and rectify the fault.
- Replace worn parts.
- Disconnect the equipment from the towing vehicle when remending the faults.
- Rinse the equipment with water, if necessary, preferably after each use.
- Lubricate moving parts regularly. For spare parts: Contact Kellfri Service



When driving forward the roller rotates and the spreading begins. When driving backwards the roller disengage and the gritting stops.

During transport, disconnect the spring locking pin so that the pin does not touch the rim.



## TROUBLESHOOTING

Error	Measure
There's no sand / salt coming out of the gritter	<p>Make sure that nothing is stuck in the spreading auger.</p> <p>Caution Risk of crushing! The rotating auger must not be touched!</p> <p>Unclog it from any object that is stuck in it.</p>

## RECYCLING

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

## WARRANTY TERMS AND CONDITIONS

Validity of the warranty - Kelifri'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: 32-S230

Type: Gritter

Complies with all applicable provisions of the Machinery Directive 2006/42/EC.  
Other equipment must meet the hardware requirements of the Directive.



Tina Baudtler, CEO 2015-11-04

*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

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