



Kellfri®

16-SC170 SILAGE SHEAR GRAB



**READ THIS MANUAL CAREFULLY BEFORE USING THE PRODUCT !!!
TRANSLATED FROM THE ORIGINAL**

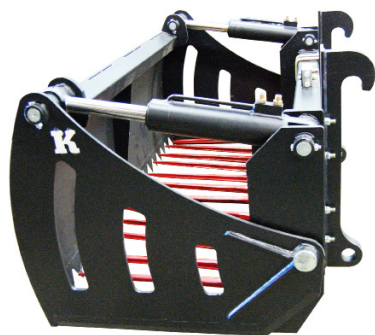
INTRODUCTION

Thank you for choosing a product from Kellfri AB. By following general safety information, operating instructions and common sense, you will have many years of enjoyable use of the product. Kellfris equipment and products are aimed to be use by active farmers with high demands on functionality.

PRODUCT INFORMATION

Robust silage sher grabber with serrated, hardened blades for fine cuts. Two powerful hydraulic cylinders supplies power to the knife which performs a circular motion to cut out the blocks. Two powerful hydraulic cylinders supplies power to the knife which performs a circular motion to cut out the blocks. . Requires additional hydraulic valves on the loader. Brackets for SMS, Euro and big BM.

TECHNICAL DATA	16-SC170
Width:	1 700 mm
Length:	880 mm
Numbre of spears:	13pcs
Lengh spears:	670 mm
Spacing between spears:	130 mm
Opening :	730 mm
Work pressure:	190 bar
Weight:	460 kg
Volume:	0,98 m2
Lifting capacity:	602 kg



BASIC SAFETY INSTRUCTIONS

Before using the equipment or product, and for the safety of yourself and others, you must read the safety instructions and the instruction manual and understand its contents. Always keep the safety instructions and instruction manual handy for users of the equipment or product. For the safety of both yourself and others, it may be a good idea to read through the safety instructions every now and then. If the safety instructions or instruction manual gets damaged or in any other way cannot be used, new copies may be ordered from:

Kellfri AB, Munkatorpsgratan 6, 532 37 SKARA

Sweden. Tel.: +46 (0)511 242 50 (Pls. contact the retailer) <https://www.kellfri.co.uk/>

Do not use the equipment or product if you feel ill, tired or are under the influence of alcohol.

Do not use the equipment or product if you are taking prescribed medication or drugs. 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.



The product must not in any circumstances be modified without permission from the manufacturer. Unauthorized modification of the machine and/or accessories can cause fatal injuries or death to operator or others.

Warning!

Warning symbols identify important safety aspects in this manual to help you and others avoid danger and accidents. When using the machine: Take extreme caution!



Danger!

This symbol indicates that a serious accident will occur if the instructions in the manual are not followed. The accident results in serious injury, possibly death or serious property damage.



Warning!

This symbol indicates that an accident will occur if the instructions in the manual are not followed. The accident results in serious injury or property damage.



Caution!

This symbol indicates that an accident could occur if the instructions are not followed. The accident results in personal injury or property damage.

NB!

NB indicates the potential for the breakdown if the instructions are not followed.

PRODUCT SAFETY INFORMATION

- Read the instruction manual carefully before using the equipment!
- Always check the equipment and the machine combination to be used to ensure safety and function.
- Check that the equipment is in good condition before use.
- Overloading the machine can cause load to fall uncontrollably. Never overload the equipment.
- The equipment is always operated from the driver's seat of the tractor. Never leave the tractor before the equipment is unloaded and the tractor braked. Keep distance, remember the risk zone.
- No one other than the operator may be present within the risk area during work. The operator or other person are not allowed to stay underneath a suspended load.
- Make sure the equipment is correctly attached and can not come loose. Always check the locking pins before use.
- Kellfri disclaims any responsibility for self-made modifications, changes or alterations.
- Always check that the equipment is open when you drive into the silo compartment.

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 accessible during all work, maintenance and service. To perform an emergency stop, turn off the tractor.








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 used 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 equipments/products. Never have junk/debris lying in your work area. Have workspaces clean. Always respect the danger zone.



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
	Read the instruction manual! Before starting any operation.
	Warning! Crushing Hazard: None is allowed to stand under a suspended load
	Warning! Risk of Child Accident! Children are not allowed to be anywhere near machine.
	Warning ! ejection of objects! Warning! Prohibition to stay on the machine! Risk zone 5 m Respect the risk zone of the equipment!
	Warning! Crushing Hazard!
	Warning Risk zone 5m
	CE mark - The equipment is CE marked

PERSONAL PROTECTION

Always use appropriate protective equipment. Do not wear loose clothing or jewelry when working with the equipment. Remember to put up long hair when working with equipment that rotates.



BEFORE USE

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 and the machine combination that are used. 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. Do visual inspection of equipment or 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. 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.



OPERATING THE MACHINE

Only people who understand the safety information and instructions in this manual may operate the equipment. Be alert and careful when working with the machine and only use the equipment or product in the manner described in this 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.

Due to a hydraulic system is never 100% tight, a hydraulic system control should be performed before the equipment is operated. Leakage can occur due to internal leakage in the tractor's valve, internal leakage in the equipment's hydraulic cylinder etc. Check the extent of the leak by running the equipment's cylinder in end position and keep up the pressure for 1 min. If the cylinder begins to "wander" to the other direction there is a leakage in the gasket. Gasket or cylinder must be replaced. Always work alone with the equipments that are defined as single porpose equipments. Never overload the trailer. Respect the equipment's danger zone.

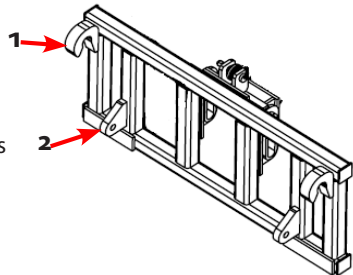


CONNECTING AND DISCONNECTING

- The equipment can be connected to various machines with quick-coupling mounts. (See vehicle manual.)
- Do not forget to install the locking pins
- Connect the hydraulic hoses to the vehicles hydraulic system.
- When disconnecting, lower the equipment to the ground
- Make sure there is no pressure in the system before disconnecting the hydraulic hoses .

Connecting with quick coupling:

- - Drive the vehicle to about 3 cm from the equipment.
- - Lower the mounting attachment to the opening (1), attachment
- vehicle and raise the arm until the attachment engages.
- - Mount the locking pins (2)
- - Check that the suspension bolts and locking bolts are properly tightened.
- - Connect hydraulic hoses, lift the equipment and control function



AFTER USE

Parking is not allowed with load above ground but is done with the equipment resting on the ground. Rinse the equipment with water if necessary.

TRANSPORT AND STORING

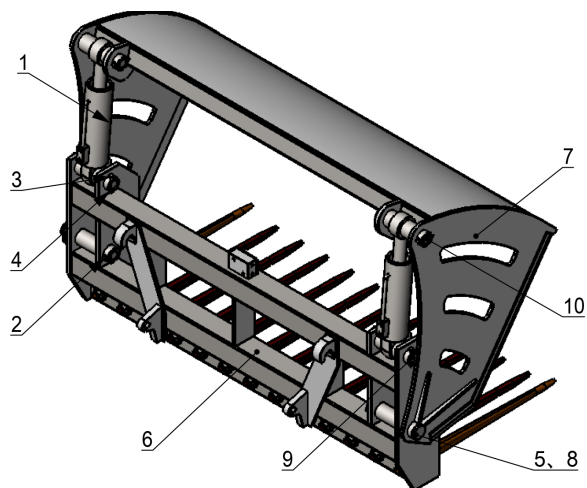
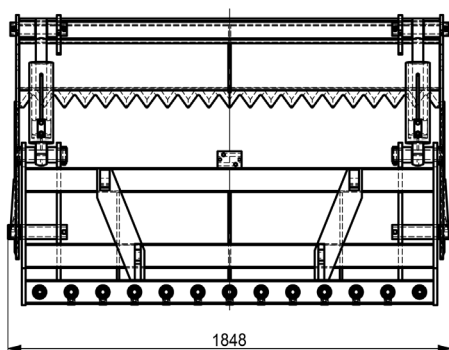
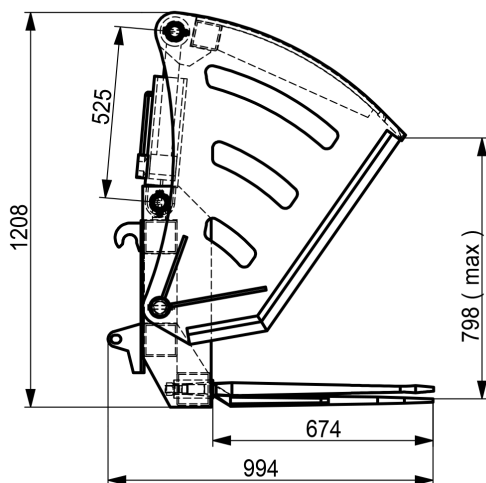
Always keep the equipment or product in a dry place, preferably under cover when not in use. Make sure that the equipment or product is stable and not likely to tip over. Never let children play at the storage site. Keep in mind the risk of tipping!

MAINTENANCE AND SERVICE

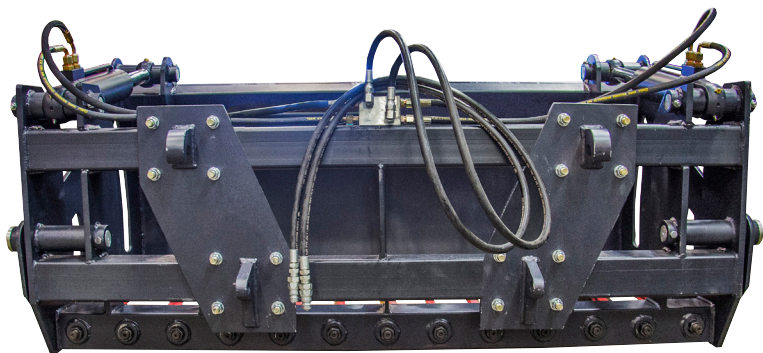
Visually inspect / check the equipment and its components regularly. The tractor engine must be switched off and the equipment is lowered to the ground position before performing service. Make sure the equipment is stable and not likely to tip over during maintenance and service. Replace damaged and worn parts immediately to reduce the risk of injury. Lubricate all moving parts and grease fittings and check hoses regularly. The hydraulic system is not adapted to the environmental friendly oil. Use only spare 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. Check all bolts and nuts are tightened after use, maintenance and / or service. Always test the machine before starting operation.

RECYCLING

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



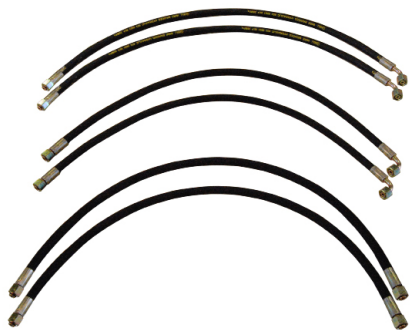
NO.	DESCRIPTION	QTY.
1	Hydraulic cylinder	2
2	M10x75 Hex Head Bolt	2
3	M10x70 Hex Head Bolt	8
4	Nylock Nut M10	10
6	3-point frame	1
7	bucket	1
5, 8	Pin Ø40/ Ø 60 x 246 mm	2
9	Pin Ø40x214 mm	2
10	Ø40x 236mm	2



Silo cutter with SMS-coupling

Mount the bracket on the frame and tighten all bolts.

Then install all the hoses, from the cylinder valve to the package 1pc 45 ° and 1 x 90 ° on each cylinder. Mount the quick couplings on the hoses that will be connected to **Pressure** and **Return** outlet of the tractor.

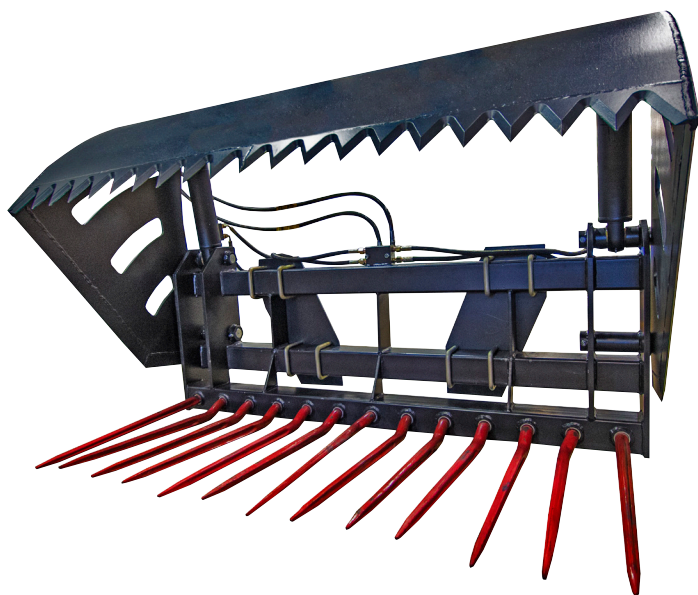


Hoses:

2x 90° = Length 895 mm

2x 45° = Length 970 mm

2x straight = Length 960 mm



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.

Buyer:	Customer number:	
Adress:	Invoice number:	
E-mail:	Phone nr:	
When was the product delivered?	When was the product taken into operation?	Did the product functioned as it should upon the first operation?

Defect product / part:

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Problem description:

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Describe the sequence of events:

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Other:

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Submit Complaint form and photo to:

Kellfri AB

Division of Services : Contact Kellfri retailer

Or e-mail service.

info@kellfri.se

Signature:	Date:
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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 due to 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: 16-SC170

Type: Silage sher grab

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 2015-09-08

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 further 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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Kelfri®