



Kellfri®

20-BG3000 BALE GRAPPLE



**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.

PRODUCTINFORMATION

Kellfri Bale grapple BG3000, the bale grapple with function for professionals! The grapple has a robust design with strong, a low frame makes it easy to overview the work. BG3000 belongs to the second generation bale grapples working without parallell movement. The arms are working completely individually giving a gentler and smoother bale handling. The arms, with its dense tubular design and has no sharp edges and rounded corners makes the grip of the the ball very gentle. Hydraulic cylinder with check valve ensures that the bales stay in the grapple, eg during transportation. The bale grapple need a double-acting outlet on the tractor. The Bale grapple is supplied with two hydraulic hoses with quick coupling ½inch male and Euro bracket.

APPLICATION AREA

Intended for handling bales.

TECHNICAL DATA	20-BG3000
Bale size	800 - 1800 mm
Attachements	SMS, Euro
Bale weight	Max 1100 kg
Arm height	590 mm
Coupling	½ "
Max. working pressure 175 bar	Min 150 bar
Hydraulic cylinder for lower working pressure	80/40 - 300
Movement pattern	Parallel / individual

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, Munkatorpsgatan 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 comply with general rules of the road and applicable rules stipulated by the Swedish Protection of Animals Act. People under the age of 15 are not allowed to use the equipment.

When using machine in a company, the employer has the responsibility to ensure that the user of the machine has theoretical and practical knowledge of the machine and that the work is done safely. Follow the country's Health and Safety Regulation. For more information, pls. contact your Health and Safety Executive.



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!

PRODUCT SAFETY INFORMATION

- Read the instruction manual carefully before using the machine.
- Never overload the equipment!
- When lifting the load, be careful of falling hazard.
- The equipment is always operated from the tractor cabin. Never leave the tractor before the equipment is unloaded and the tractor brake has been applied.
- Keep distance within risk area. No one other than the operator may be present within the danger zone during work. Nobody is allowed to stay underneath suspended load.

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








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.



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.

	Warning! Crushing Hazard: None is allowed to stand under a suspended load
	Warning Danger zone 5m
	Warning! Risk of Child Accident! Children are not allowed to be anywhere nearThe equipment.
	Warning! Prohibition to Stay on the Machine
	CE mark - The equipment is CE labeled

STEPS BEFORE USE

Read the instruction manual carefully. Be sure that you understand the safety information, instruction manual and warning labels. Use common sense during operation 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.

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. Avoid the use of the equipment at lower temperatures than -20°C and higher temperatures than $+30^{\circ}\text{C}$.

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 purpose equipments. Never overload the trailer. Respect the equipment's danger zone.

CONNECTING

- Read the tractor's manual before arming.
- The equipment is connected to the tractor front loaders, secured with locking pins.
- Connect the hydraulic hoses to the tractor's third function.
- When disconnecting the equipment set in the ground.
- Make sure there is no pressure in the system before disconnecting the hydraulic hoses.
- Disconnect the equipment from the front loader.



AFTER USE

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

TRANSPORT AND STORING

Make sure the area is clear of people, children and objects prior to transportation. Always be extra careful during transport and movement. Ensure that the equipment or product is well anchored and that existing transport safety devices are installed. Always place the load as low as possible. Respect the risk zone even in the transport and movement. When lifting, never stand under a suspended load. Carts used to transport should have functioning brakes.

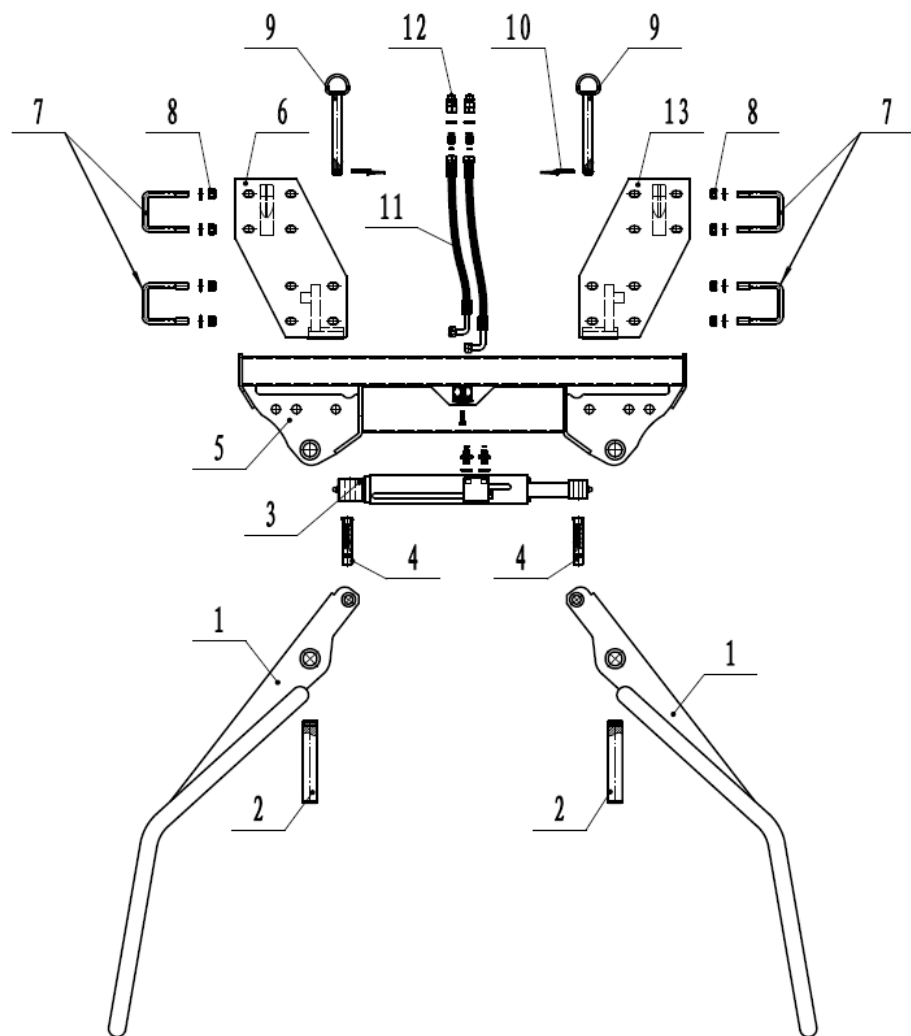
Always keep the equipment or product in a dry place, preferably under cover when not in use. Make sure that the equipment or product is stable and not likely to tip over. Never let children play at the storage site. Keep in mind the risk of tipping!

MAINTENANCE AND SERVICE

Visually inspect / check the equipment and its equipment regularly. The tractor engine must be switched off and the equipment is lowered to the ground position before service begins. 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 work is started.

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	Grapple	2
2	Pin I	2
3	Cylinder	1
4	Pin III	2
5	Frame	1
6	Left bracket	1
7	U-bolt	8
8	Locking nut M16	16
9	Pin II	2
10	Splitpin	2
11	Hydraulic Hose	2
12	Quick coupling	2
13	Right bracket	1



Bale grapple 20-BG3000 available with either SMS or EURO bracket



Complaint form

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?
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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 - 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 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

CE 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: 20-BG3000

Type: Bale Grapple

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®