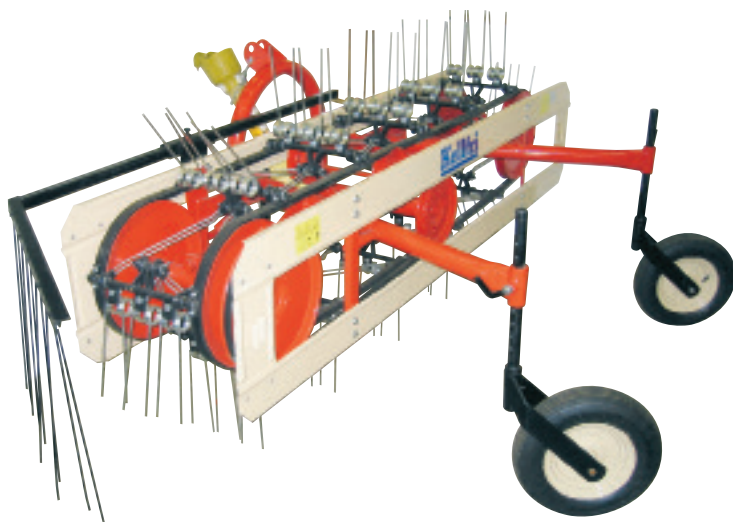




Kellfri®

35-Z222 BELT RAKE



**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.

PRODUKTINFORMATION

Kellfri's belt rakes are designed for easy operation and high operational safety. Supplied as standard with PTO shaft.

INTENDED USE

The equipment is only intended for raking hay on the fields.

TEKNISK DATA

Working width	2100 mm
Weight	205 kg
Power requirement	30 hP
Arms/rotor	12
Tines/rotorarms	3x double tines
Ø Double tine	8 mm
Wheels	4.00-8
Belt pulleys/ PTO rpm	7pcs/ 400-540 rpm
Thre-point connection	Cat. 1 and 2

SAFETY INFORMATION

Before using the equipment, for your and others' safety, read the instruction manual and understand its contents. Always keep the instruction manual handy for the user of the tool. Remember that it can be good for your own and others' safety to read the safety information occasionally. It is important that the user understands that common sense and universal precautions are not built into the product, but must be supplied by the user.

If the instruction manual is damaged or otherwise unusable: Please contact your retail dealer

The general safety instructions can be downloaded from Kellfris website: www.kellfri.se

Do not use the equipment or product if you feel sick, tired or under the influence of alcohol. Nor if you are under the influence of strong medications or drugs, suffering from great depression or severe mental illness. Always follow the general traffic regulations and rules in the Animal Welfare Act. Persons under the age of 15 are not allowed to use the equipment.



WARNING!

The machine's original design must not under any circumstances be changed without the permission of the manufacturer. Unauthorized modifications and / or accessories can result in life-threatening or fatal injury to the operator or others.

PRODUCT SAFETY INFORMATION

- Read the instruction manual carefully before using the machine.
- Do not use the machine in an inappropriate manner. Only use the machine as described in the manual.
- 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.
- Never leave the machine up lifted. The hydraulics can lose pressure and the implement falls down.
- Make sure that all guards are always correctly mounted and can not come loose.
- The PTO shaft must be protected over its entire length. Make sure to anchor the safety chain well.
- Only the operator is allowed in the vicinity of the machine during operation
- Check before starting operation that no rocks are sticking up on the field.









Warning!

Never use a tool or product with defective safety equipment.

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
	Danger Zone 15m
	Caution! Rotating Parts
	Rotating Blades
	Prohibition to Stay on the Machine
	Keep Away From Children
	The equipment is CE marked

PERSONAL PROTECTIVE EQUIPMENT

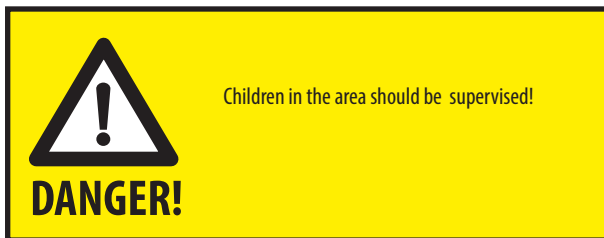
Wear suitable clothing and footwear. Do not wear loose clothing or jewelry when working with the equipment. Remember to put up long hair when working with equipment that rotates. Wear protective gloves during maintenance. Hearing protection should be used when operating the machine .



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 work spaces clean. Always respect the risk zone.



IN CASE OF 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.

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 performance and 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 or worn parts immediately to reduce the risk of injury. Lubricate moving parts and check that all nuts and bolts are tightened.

Learn and remember correct working method. Beginners should keep a low speed until the person has learned how the machine works. The user / customer is responsible to handle the situation correctly. Do not use the machine if it is experienced to be dangerous for the user.. Read the tractor's manual before connecting the machine.

OPERATION / RUNTIME

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 purpose tools. Respect the equipment's danger zone. Respect implement risk zone. All maneuvers occurs from the driver's seat.

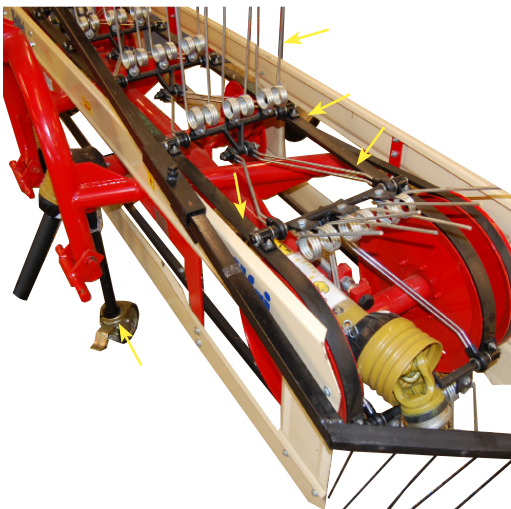
CONNECTING THE MACHINE TO THE TRACTOR.

- Hook up the machine to the tractor's rear three-point hitch.
- Connect the PTO and anchor the chain well.
- Customize the PTO shaft's length if necessary (see instructions for the shortening of the PTO)
- Connect the hydraulic hoses. Lift up the machine and verify that it's working properly.
- Ready for use.
- When disconnecting follow the instruction in reverse order

The rotating tines can strikes rocks and other objects with force from the ground. It is therefore important that when working with the machine the operator ensures that no one is near the danger zone during the entire operation.

ASSEMBLY

1. Mount the tyres
2. Turn up the tines
3. Check the belt tension
4. Check all bolts and retightened if necessary



AFTER USE

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

TRANSPORTATION AND STORAGE

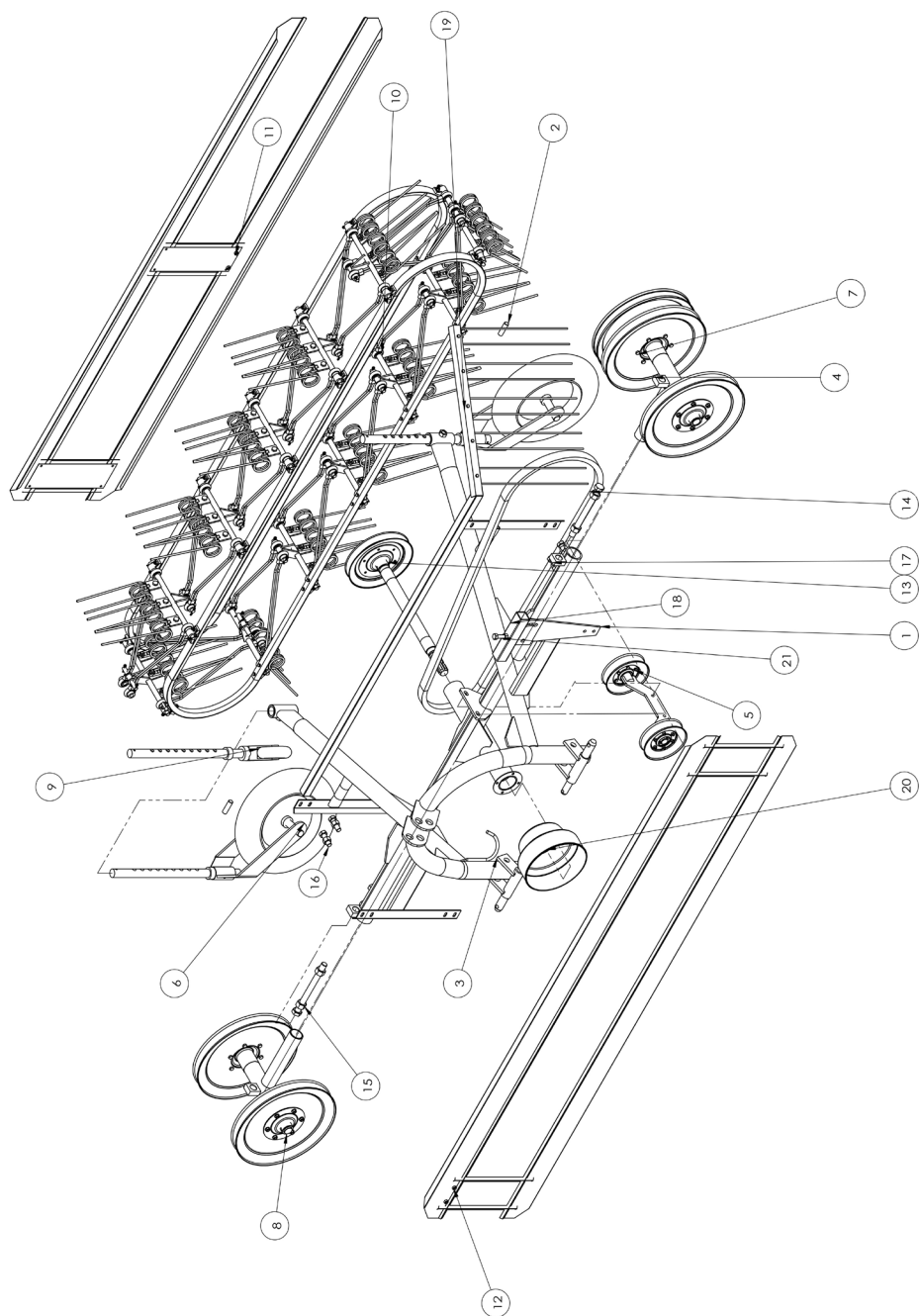
Make sure there are no people, children and foreign objects around the area before transporting the machine. Always take an extra caution during the transport. Ensure that the product is well secured and that transport brackets are mounted. Always place the load as low as possible. Respect the danger 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!

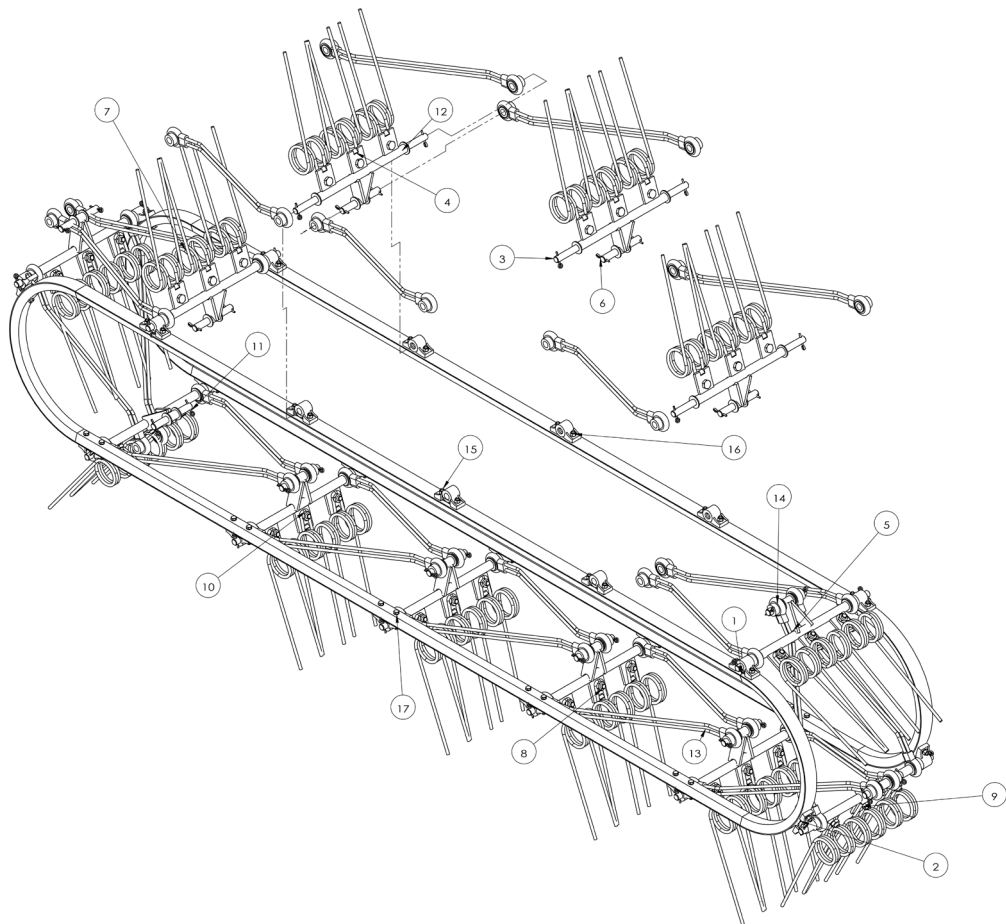
MAINTENANCE AND SERVICE

Make sure that the unit is stable and not likely to tip over during service and maintenance. Replace damaged and worn parts immediately to reduce the risk of injury. 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. Check that all nuts and bolts are tightened after maintenance and service. Always test the machine before work is started.

SERVICE	INTERVAL	
Tines	Before each run	Check and replace all broken tines
	During operation	Listen for any unusual noise
	After use	Check the condition of the tines
Rotor	every 20 operation hours	Lubricate
Belt	Regularly	Check the belt tension
	First check after 1 hour of operation After every 20 hours	When pressed the belt should move about 20mm.
Other lubrication points	Before or after operation	Lubricate all lubrication points



NO.	SPECIFICATION	QTY
1	Frame	1
2	Pin	2
3	Lower 3 point attachment	2
4	Pulley shaft	2
5	Small belt pulley	1
6	Big wheels	2
7	Large pulley	1
8	Pulley	1
9	Support wheel - small	1
10	Tine frame	1
11	Side cover	1
12	Front cover	1
13	Transmission shaft	1
14	Belt	1
15	Adjusting nut M20	2
16	Bolt M16x50	4
17	Nut M16	4
18	Attachment	1
19	Rake	1
20	Spindle housing	1
21	Bolt M12x50	1



NO.	SPECIFICATION	QTY.
1	V-Belt D194	2
2	Fastener	24
3	Axle	12
4	Tines	36
5	Attachment	24
6	Spring carrier shaft	12
7	Spring	36
8	Bult M10x25	36
9	Nut M10	36

NO.	SPECIFICATION	QTY.
10	Flat washer M10	36
11	Cotter pin 3x30	48
12	Fasteners	48
13	Straight spring	48
14	Plastic bushing	48
15	Bolt M6x40	47
16	Nut M6	47
17	Flat washer	94

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 - 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: 35-Z222

Type: Belt Rake

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

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: 0046 (0) 511 - 242 50

Fax: 0046 (0) 511 - 168 33

E-post: info@kelfri.se

Kelfri®

2016-05-12