



Kellfri[®]

35-HV530 HAY TEDDER



CAREFULLY READ THE OPERATING INSTRUCTIONS BEFORE USING THE PRODUCT!!

TRANSLATED FROM THE ORIGINAL

INTRODUCTION

Thank you for choosing a product from Kellfri AB. Compliance with the general safety instructions, instruction manual and sound common sense will guarantee many years of enjoyment using the product. Kellfri's equipment and products are aimed at self-employed farmers who have stringent performance demands.

PRODUCT INFORMATION

Kellfri's HKV530 Hay Tedder is designed for careful handling of material and a long service life. Stable rotors with 4-6 tine arms/rotor, 10 mm double tines, all tines equipped with tine guards. Hydraulically folding sides. All links have wide angle joints. The machine can be turned on its side. Moveable hitch. The hay tedder is equipped with balloon tyres and supplied with PTO drive shaft as standard. The hay tedder requires a double-acting hydraulic outlet on the tractor. The hay tedder is supplied with two hydraulic ½ inch, quick coupling male hoses.

INTENDED USE

The equipment is intended for turning hay. Make sure that there are no stones or obstacles in the field before operation.

TECHNICAL DATA

Working width	5300 mm
Transport width	2950 mm
Weight	475 kg
Rotors	4 st
Rotor speed at 540 rpm	175
Tine arms/rotor	6
Capacity	5,5 ha/h
Power requirements	30 hk
Operating speed	20 km/h
Tyres	15x6.00-6 (max 2 bar)
PTO	Standard
Speed(PTO)	540

SAFETY INSTRUCTIONS

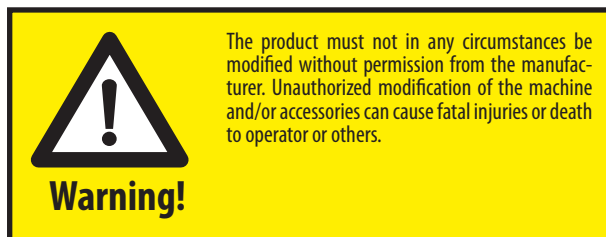
Before using the equipment or product, and for the safety of yourself and others, you must read the safety instructions and the instruction manual and understand its contents. Always keep the safety instructions and instruction manual handy for users of the equipment or product. For the safety of both 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.



PRODUCT SAFETY INSTRUCTIONS

Read the instruction manual carefully before using the machine.

- Never stick your hands or feet under the machine without stopping the implement and the tractor engine.
- Never leave the equipment with the tractor engine running. Turn off the engine and apply the parking brake when you leave the machine, even for a short while.
- Never leave the equipment up lifted. The hydraulics may lose pressure which can make the equipment to fall down.
- Ensure that all guards are always mounted and does not come loose.
- The PTO shaft must be protected over its entire length. Make sure to anchor the chain well.
- Only the operator of the tractor must be in the vicinity of the machine during work.
- Check before driving that no rocks are sticking up on the field.
- The machine may only be used in the manner described in this manual.



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 accesable during all work, maintenance and service.

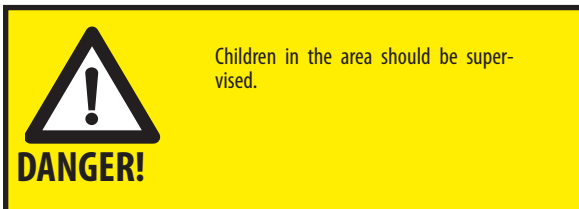
PERSONAL PROTECTIVE EQUIPMENT

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 workspaces clean. Always respect the risk zone.



WARNING DECALS

Make sure that the warning decals 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	LOCATION
	Danger zone	Machine side
	Rotating PTO shaft	Machine side
	Rotating machinery	Machine side
	Warning! Accident risk for children!	Machine side
	Prohibition to stay on the machine during operation and transport	Machine side
	The product is CE marked	Machine side

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 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.

OBS!BEFORE USING THE MACHINE; CHECK THAT THE MOUNTING BOLTS FOR THE PLATES ARE TIGHTENED, ROTORS ARE LUBRICATED AND THE GEARBOX IS FILLED WITH OIL!

APPLICATION / REMOVAL

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 tool 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. Always work alone with the tools that are defined as single purpose tools. Respect the equipment's danger zone. Controlling function is done from the driver's seat.

CONNECTING THE MACHINE

- Connect the implement to the tractor's rear three-point hitch. Do not forget to bust all the safety pins.
- Connect the PTO. Anchor the chain .
- Connect hydraulic hoses. Jack up the equipment and check the function.
- Ready to use.

WORKING POSITION

1. Lower the entire machine using the tractor's lifting gear until the middle pair of wheels are resting on the ground and the outer rotors still lifted up.
2. Unlock the mechanical lock bolts by pulling the rope.
3. Then turn the outer rotors to the working position.



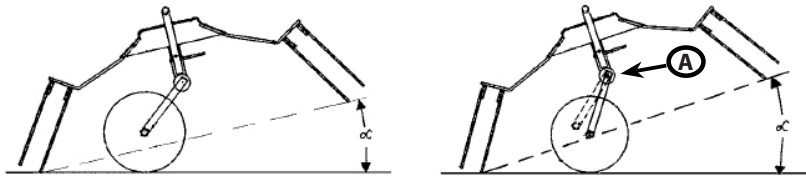
Warning!

For security to be met, the product should be used only in the manner described in this instruction.

The user is supposed to read through and follow the instruction.

ADJUSTMENT OF THE WORKING ANGLE

Working angle adjustable in 3 position (A), depending on the amount of grass to be process. Larger angles, a lot of grass and smaller angle is set when processing smaller amount of grass



IMPORTANT! Check and tighten all bolts and nuts after 2 hours of operation
The machine is equipped with a special attachment bolts to minimized damage to the center shaft.

After use

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

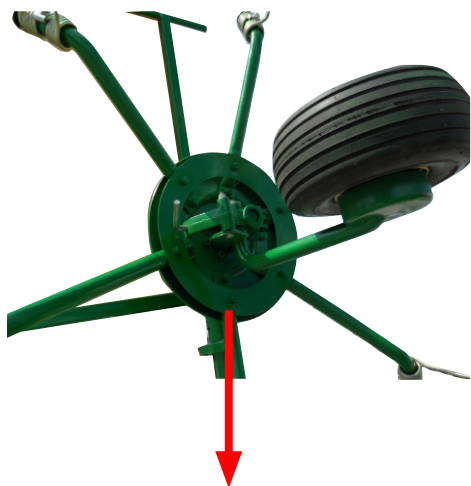
Always store the machine in a dry place preferably underneath a cover when not in use. Ensure that the product is stable and not likely to tip over. Never let children play where the machine is being stored. Always keep in mind the risk of tipping!



IMPORTANT!

When transporting or installing the tedder, the outermost wheels shall be locked.

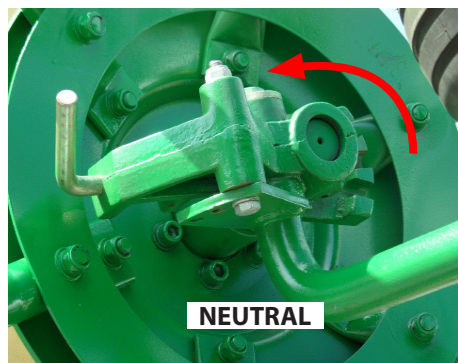
Locked



NOTE!

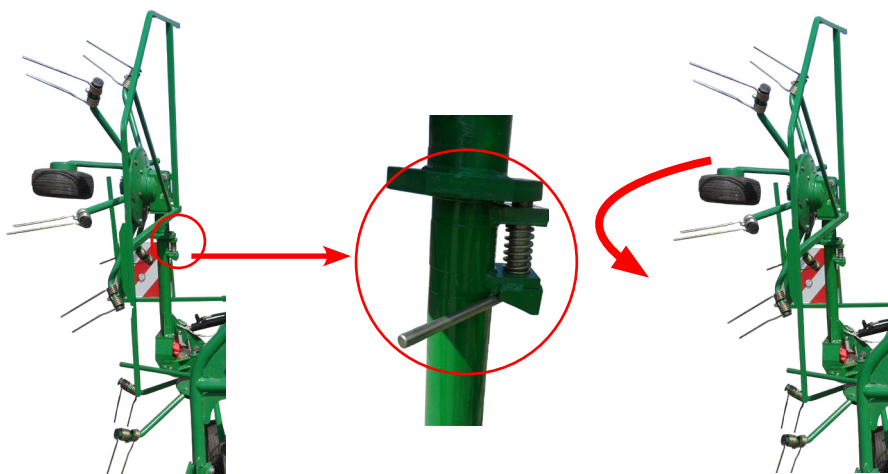
During operation all wheels must be in neutral position.

Pull the pin and turn the wheel.





PARKED AND TRANSPORT MODE



1. Always set the hay tedder in transport or parked position during movement or storage of the machine.

2. Loosen the bolt and pull the pin down.

3. Turn the rotor shaft so that the cover snaps outward. Refit the pin and tighten the bolt.

MAINTENANCE AND SERVICE

Ensure that the unit is stable and cannot tip over during maintenance and service. Replace damaged or worn parts immediately to reduce the risk of abrasion. Always perform maintenance, service and inspection, as recommended. Use only original replacement parts or spare parts with equivalent performance to reduce the risk of damage.

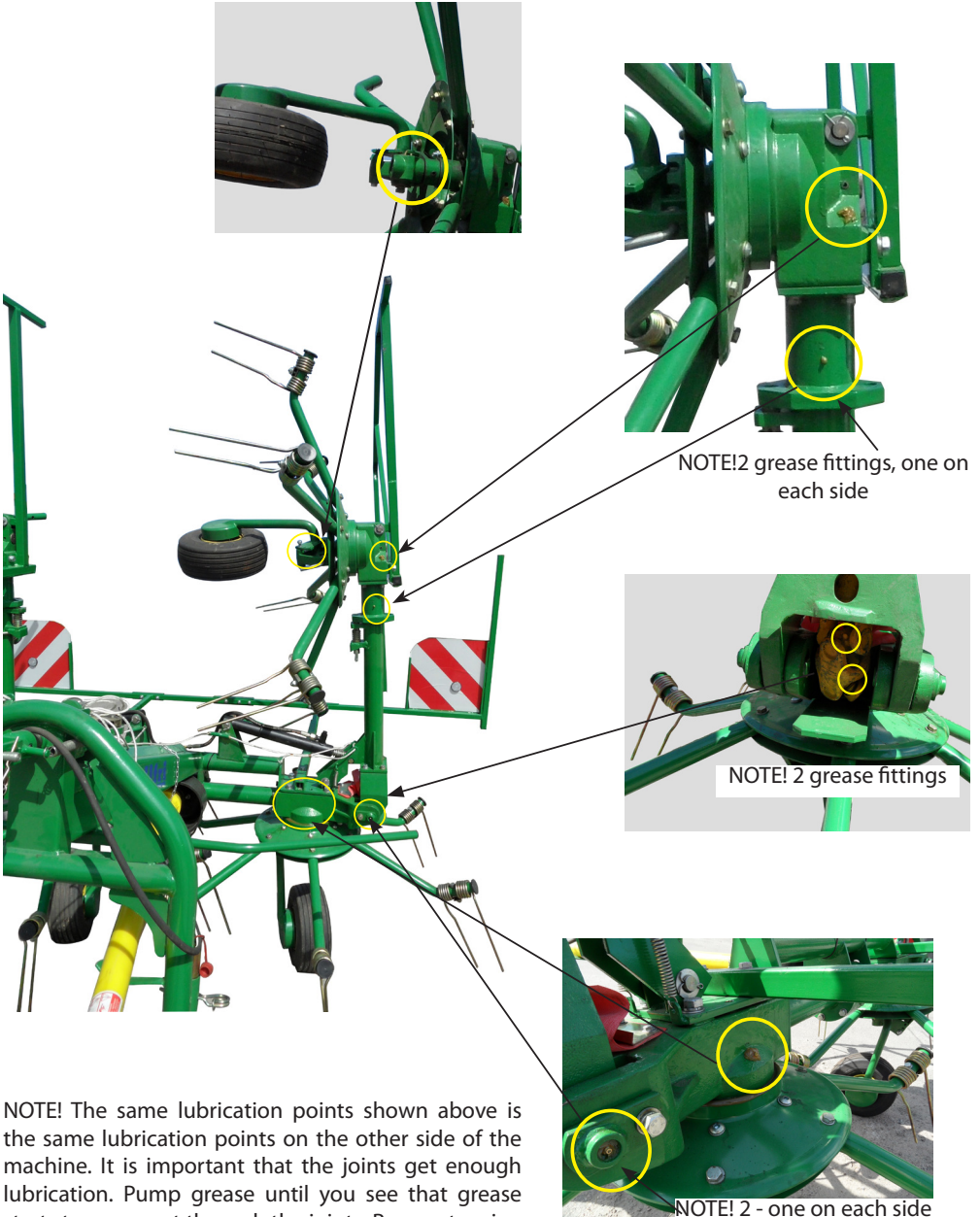
Check all nuts and bolts are tightened after performing maintenance and service. Always test the machine before using it.

SERVICE	INTERVALL	
tines	Before each run	Replace any defective tines.
	While driving	Listen for noises
	After each run	Check
Rotor	20 operating hours	Lubrication
Straps	Before each run	Belt tension. At the press belt should be moved 20 mm.
Hydraulics	Before each run	Make sure all hoses are intact, connected and not leaking.
Other lubrication points	Before / After driving	Lubricate the intended nipples
Gearbox	After 50h After 500h, or 1 / year	The first oil change, Oil type: Lubricant 80/90

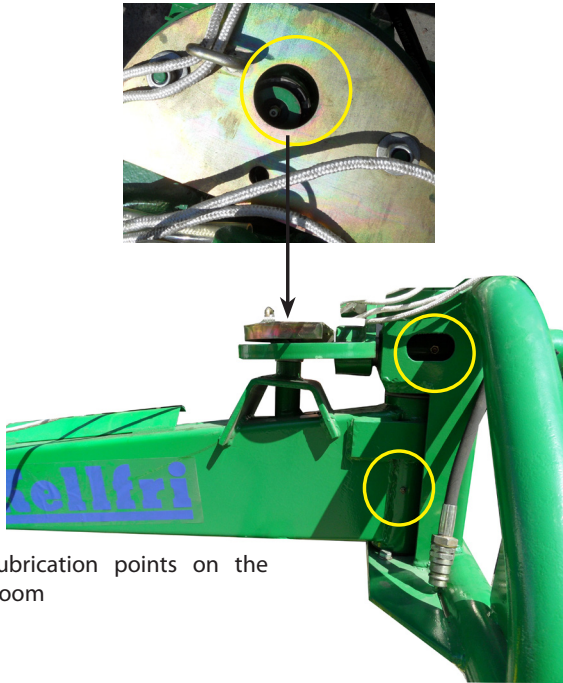
RECYCLING

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

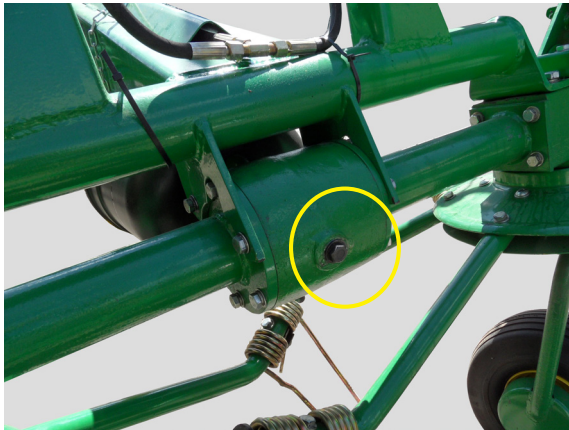
GREASE POINTS



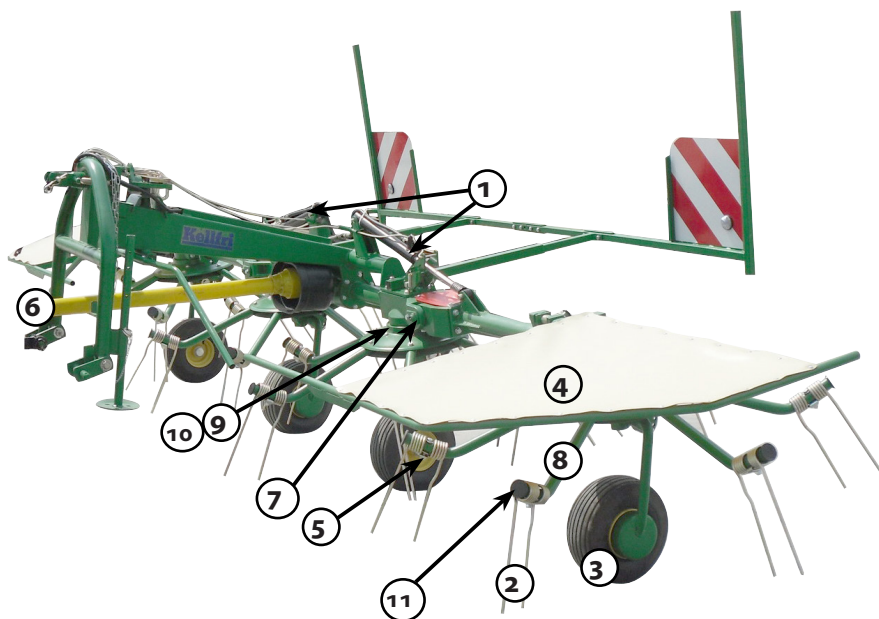
GREASE POINTS



Lubrication points on the boom



Fill with universal grease EP00 - fill the tube until it is complete (until the grease runs out from filler plug)



NO. DESIGNATION

1	Cylinder
2	Tines
3	Wheels
4	Protection Right / Left
5	Clip washer for the tines
6	PTO
7	Transmission shaft
8	Pin holder
9	Gear including bearings
10	Gear rotor
11	End plug pin holder

Spare parts

R35-HV530.001	Cylinder
R35-HV530.002	Tine right (counterclockwise) to HV350
R35-HV530.003	Wheel-6 HB530
R35-HV530.004	Protective left + right
R35-HV530.005	Clip washer to tine
R35-HV530.006	PTO till 35-HV530 161,5cm
R35-HV530.007	Transmission shaft - double
R35-HV530.008	Tine rotor arm
R35-HV530.009	Gears incl. bearing
R35-HV530.010	Gears rotor
R35-HV530.011	End plug rotor arm
R35-HV530.013	Gearbox Single
R35-HV530.014	Gearbox Exterior
R35-HV530.015	Gearbox input PTO
R35-HV530.016	Drive shaft inner complete
R35-HV530.017	Drive shaft outer complete
R35-HV530.018	Wheel holder left
R35-HV530.019	Tine left (clockwise) to 35-HV530
R35-HV530.020	Wheel holder right
R35-HV530.021	Pin wheel holder inner rotor (with mounting plate)
R35-HV530.022	Pin wheel holder outer rotor (straight)
R35-HV530.023	Rear protection bracket

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:

Problem description:

Describe the sequence of events:

Other:

Submit Complaint form and photo to:

Kellfri AB

Division of Services : Contact Kellfri retailer

Munkatorpsgratan 6

532 37 Skara

Or e-mail service.

info@kellfri.se

Signature:	Date:
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KELLFRI AB

Munkatorpsgratan 6

SE-532 37 SKARA

Phone: +46 (0)511-242 50

Fax: +46 (0)511-168 33

Web

www.kellfri.se

E-mail

info@kellfri.se

Issue: 2014-01-01

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 | <ul style="list-style-type: none">• 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: Hay tedder

Type: 35-HV530

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

2015-09-24

CUSTOMER SERVICE

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

KELLFRI AB

Phone : 0046 (0)511 - 242 50

Fax: 0046 (0)511 - 168 33

E-mail : info@kelfri.se



Kelfri®