Kellfri®

21-SV500B
SAWMILL

CAREFULLY READ THE OPERATING INSTRUCTIONS BEFORE USING THE PRODUCT!

OPERATING INSTRUCTIONS TRANSLATED FROM ORIGINAL

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INTRODUCTION

Thank you for choosing a product from Kellfri AB. Compliance with the general safety instructions, operating instructions and 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 DETAILS

Band saw with petrol motor and bed.
Flexible band saw with bed sections that are simple to extend for the required length of timber, with clamp to hold the timber. Water-cooled blade with roller blade guides, service-friendly and with protected construction. Powerful motor with power transmission via belt. Make the bed completely level to give you a band saw with high dimensional accuracy and the capacity to saw high-grade construction timber.

THE MACHINE'S FUNCTION

Use only for sawing timber

TECHNICAL DATA	21-SV500B
Load capacity:	18 20" 36 40HQ
Gross weight:	366 kg
Net weight:	247 kg
L x W x H:	397 x 180 x 157 cm
Saw blade:	12" x 11/4" x 0.035" x 1.1" Length: 3,657 mm x 0.9 mm thickness x 28 mm width.
Max log diameter:	560 mm
Bed width	560 mm
Max. cutting thickness	140 mm
Max. board length:	280 cm (without extension)
Speed of saw blade:	16.65 m/s
Motor	Petrol NB information concerning the motor can be found in the motor manual. Tank: 4.6 L

FOR YOUR SAFETY

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 your retailer and order a new one

The general safety instruction is also available from Kellfri's website: www.kellfri.com
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 this product.

Warning symbols identify important safety aspects in this manual in order to help you and others avoid dangers and accidents. When using the machine: Be extremely careful!

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

This symbol indicates that an accident will occur if the directions in the manual are not followed. The accident will lead to serious injury or damage.

This symbol indicates that an accident may occur if the directions are not followed. The accident will lead to injury or damage.

NOTE indicates the risk of a breakdown if the directions are not followed.

PRODUCT SAFETY INSTRUCTIONS

- Read the operating manual carefully before using the machine.
- Fuel and smoke are flammable and explosive. Store fuel in an approved container and handle fuel with great care. Do not store fuel or other flammable material in the vicinity. It is prohibited to light fires in the vicinity of the machine.
- A class ABC fire extinguisher must always be kept easily accessible in the vicinity of the machine.
- Warning! Bear in mind that the use of this equipment may create sparks which can start fires around dry vegetation.
- The machine is not intended for indoor use. Do not run the motor in an enclosed space, as the exhaust fumes contain carbon monoxide, which is lethal if inhaled.
- Never leave the equipment with the motor running. Turn off the motor when you leave the equipment – even for a short period.
- Only the operator may be present in the vicinity of the machine while it is in operation. The risk zone around the machine is 5 metres. The machine is intended only for working alone.
- Do not force the saw forwards. Operate it as gently as possible for best results.
- Do not run the machine if it starts to vibrate substantially. Stop the machine immediately, check what is wrong and remedy the fault before using the machine again.
- Do not alter the motor settings unless specified by the motor manufacturer.
- Install the machine on a level surface.
- If you have a pacemaker, consult your doctor before using the machine. Electromagnetic fields in the vicinity of a pacemaker can cause interference in a pacemaker, or can cause a pacemaker to cease working. Care is needed when working in the vicinity of the motor's magnetic field.
- Ensure that you keep your balance and stand firmly while operating the machine, in order to have better control of the machine in unexpected situations.
- The motor must not be covered during operation. Keep the equipment clean and keep the surrounding area free from obstacles and other objects.
- **WARNING!** Do not use the machine if there is fuel or oil leaking from the motor.
- The machine must only be used as described in this operating manual.
- Keep your hands and feet away from rotating parts. Never reach over the saw blade!
- If there is a spill of fuel or oil, wipe it up immediately! Dispose of fuel, oil or cleaning agent in a suitable container and take it to a recycling station. Contact your local authority for further information.

WARNING DECALS

Make sure warning decals are always visible and clean them when necessary. Do not use a high-pressure washer directly on the warning decal. If a part with a decal is replaced, or the decal becomes worn or in any other way unusable, order a new set of decals.

SYMBOL	EXPLANATION
	Read operating manual Stop the motor when carrying out repairs
	WARNING! ejector! Risk zone
	WARNING! Rotating parts! Saw blade
	WARNING! Keep off the machine
	WARNING! Risk of accidents to children
	The equipment is CE marked
	Warning! Dangerous gas! The motor must not be started in an enclosed space where exhaust fumes can accumulate.

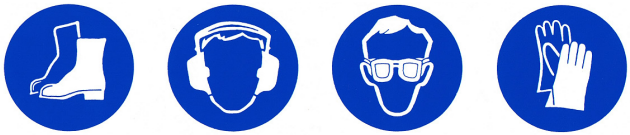
INSTRUCTIONS FOR EMERGENCY SITUATIONS

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 or service.

PERSONAL PROTECTION EQUIPMENT

Always wear suitable clothing and shoes. Do not wear loose clothing or jewellery while working with the equipment or the product. Long hair should be tied up when working with equipment that has moving parts. Use protective gloves to avoid the risk of burns if hot surfaces such as exhaust pipes are touched, and to avoid oil and petrol getting in contact with the skin. Ear defenders and safety goggles must be worn during operation. The use of a safety mask is recommended during operation.



SURROUNDINGS

Check that the work area is free from bystanders, children and objects before hitching or using the equipment. There is a risk of serious injury. Be extra careful if there are children in the vicinity of the area where the equipment or product is used or stored. Check that there are no low-hanging electrical cables within the work area. Exercise caution when working on slopes and close to ditches. Always work alone with equipment or products that are made for working alone. Remove all rubbish from your work area. Keep work areas clean. Always respect the equipment's risk zone.

Do NOT let anyone ride on the machine!

STEPS TO TAKE BEFORE USE

Carefully read the safety instructions and the operating instructions. Make sure that you understand the safety instructions, operating instructions and warning decals. Use common sense and suitable personal protective equipment when using the product. Always check the performance of combination of machines to be used. It is important that these are compatible and work satisfactorily together. This is to ensure that the equipment or product works as expected, and to guarantee the safety of yourself and others.

Carry out a visual inspection of the equipment or product before use. Repair or replace damaged or worn parts to reduce the risk of injury. Grease moving parts and check that all nuts and bolts are tightened. Correct if necessary.

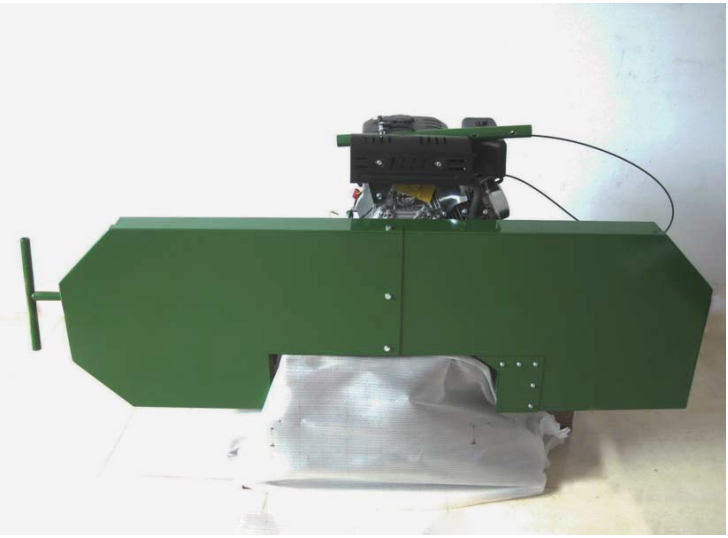
Learn and remember the correct working method. Beginners must work slowly until they have learned how the machine or product works. Users/customers are responsible for ensuring users can handle the situation. If users feel that the machine is dangerous to use, it should not be used.

- Do not use the machine if there is fuel or oil leakage. Rectify the fault before use.
- Before use, check that the bed is straight and the machine is stable.
- Check the tension of the saw blade and adjust if necessary.
- Ensure that all nuts, bolts and installations are securely fitted. (New machines: check that all packing/transport material such as tape, steel bands, rope etc. has been removed.)
- Check that the oil level in the motor is correct and that there is petrol in the tank.
- Ensure before use that all guards are in place and cannot come loose.

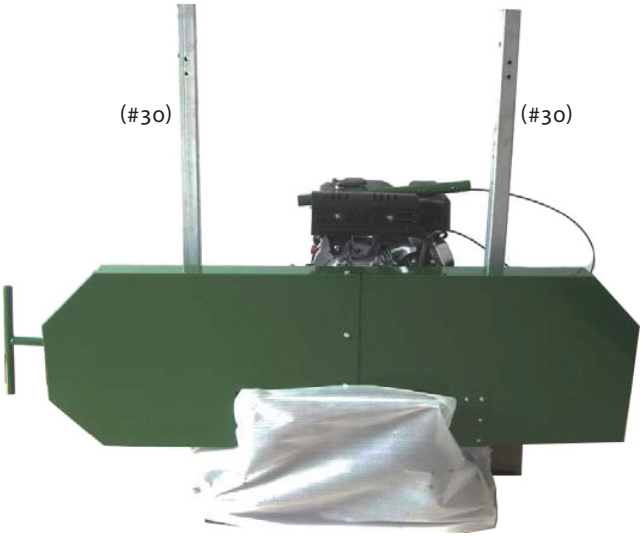
Read the motor's operating manual before using the machine!
Note that the motor is delivered without oil or fuel.
Fill the motor with oil and fuel before use!!

ASSEMBLY INSTRUCTIONS FOR SAWMILL

1. Remove all packing material, and stand the main unit on a level surface (see picture below).

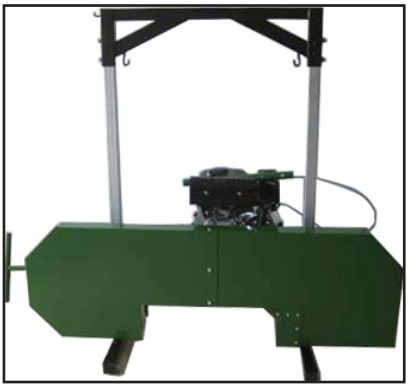


2. Fit 2 square profiles (#30) in the attachment tubes on the left and right of the main unit. Release the lock handle before fitting the profiles (see pictures below).

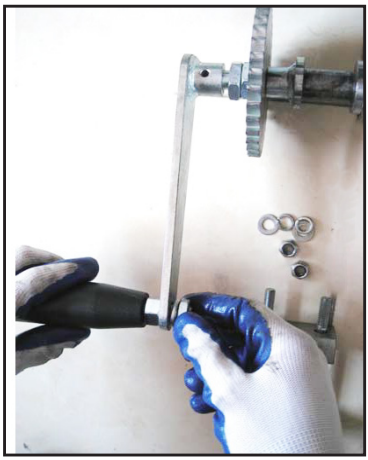


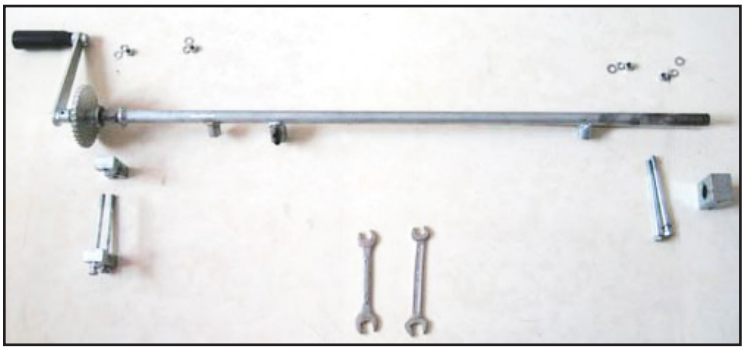
3. Take out all parts for the carriage (for list of parts see diagrams I-II-III). Loosen bolts with a 16 mm wrench, then fit the feet on the square profiles (#30).

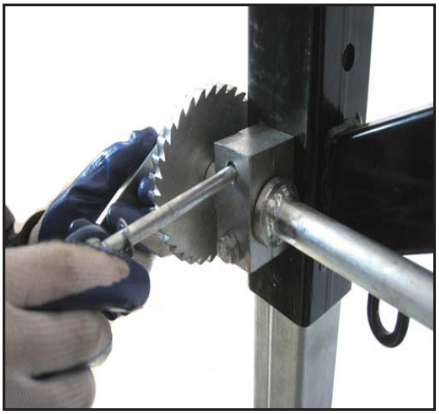
4. Loosen bolts and fit the stabilising frame (#60) on top of the square profiles.

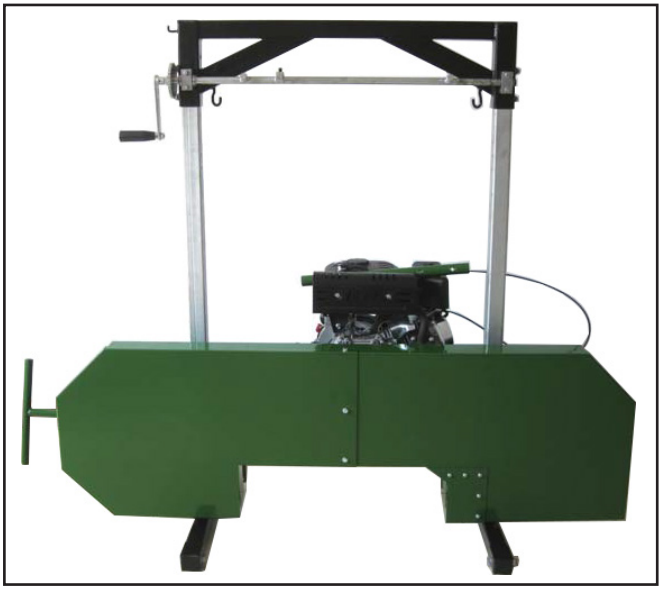


5. Fit (#50) the crank axle (#65). Tighten the nut with a 19 mm wrench. Fit handle, tighten nuts using two 13 mm wrenches (see pictures below). Fit the crank on the stabilising profile and check that the crank turns freely. If necessary, adjust the distance between bolts (#62) and axle holder (#64) (see pictures on next page).

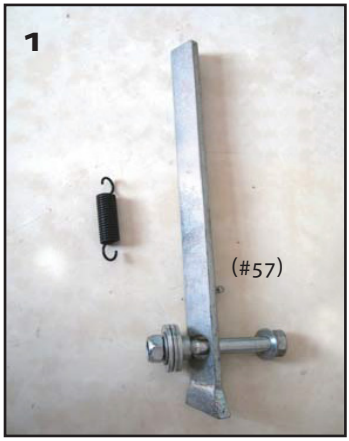


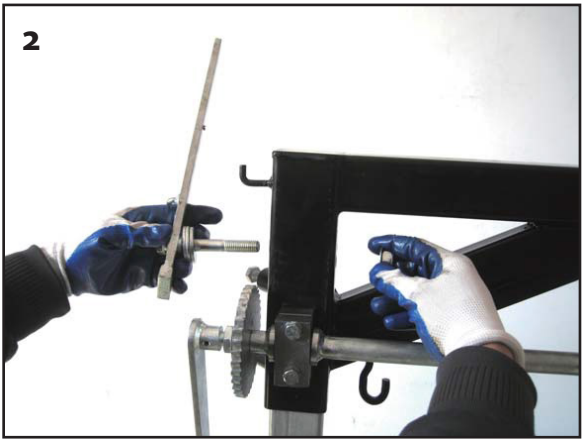


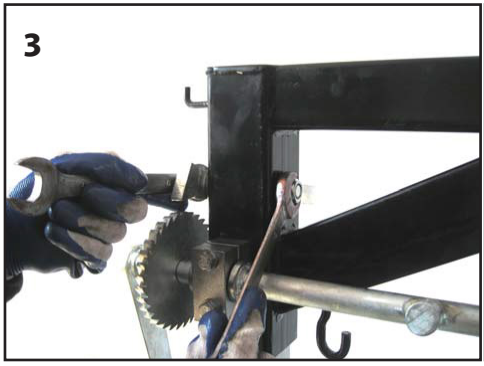


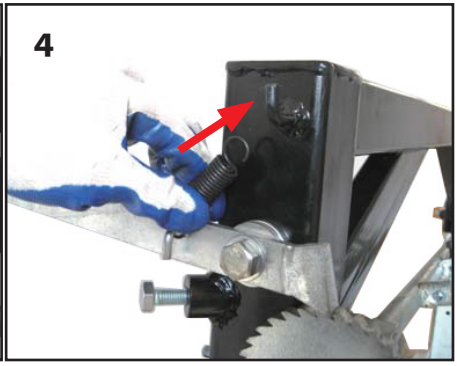


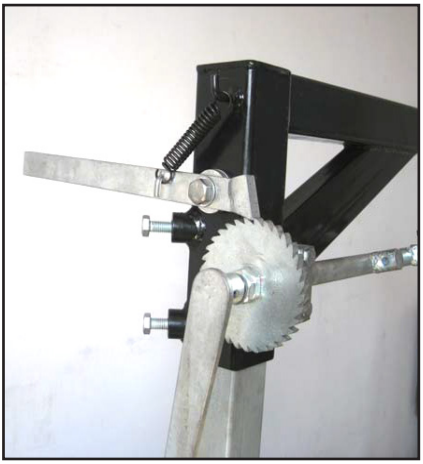
6. Fit the latch (#57) as in the pictures below and fit the tension spring.





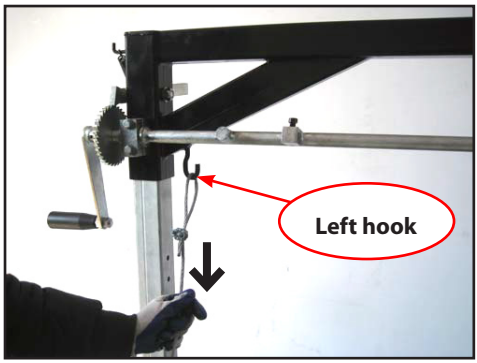


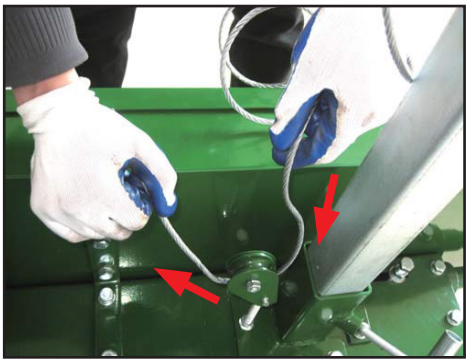


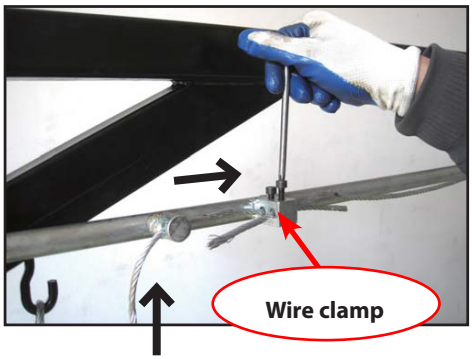


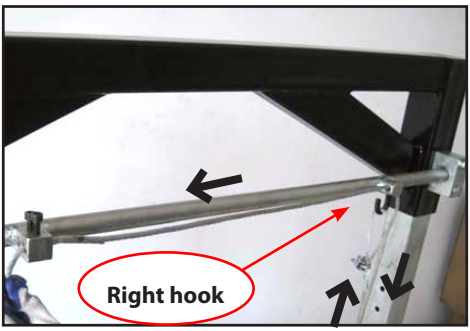
7. Tighten the assembly bolts on the saw carriage.

8. There are 2 wires (#48) in the package, one long and one short. The long wire is fitted on the right-hand side (right hook) of the stabilising profile and the short one on the left-hand side (left hook) (left and right from where the user standing in front of the machine). Fit the wire eyelet in the hook. The wire is then threaded through the runner (#22) from outside to inside. The wire is then fixed onto the crank axle with clamps (see pictures below).

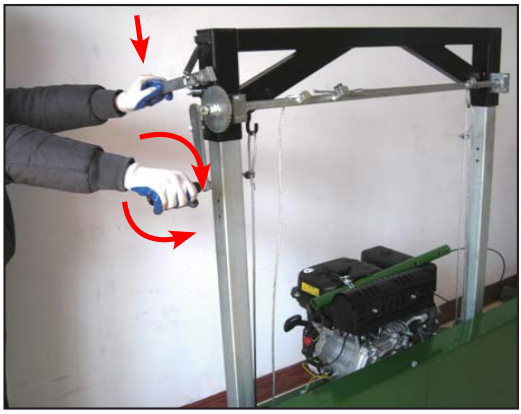






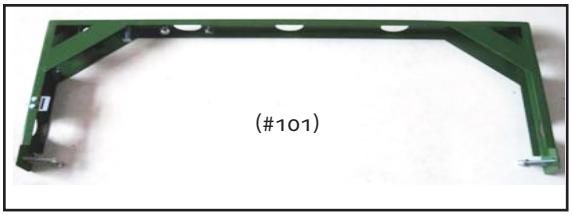


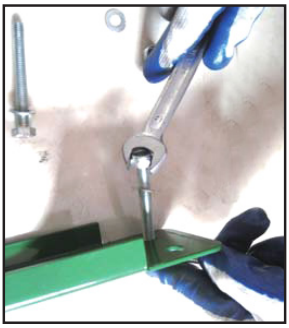
9. Loosen the lock handle (#31) on either side (see pictures below). The saw carriage can now be adjusted upwards and downwards. Push the latch upwards and turn the crank forwards or backwards to raise or lower the saw carriage.

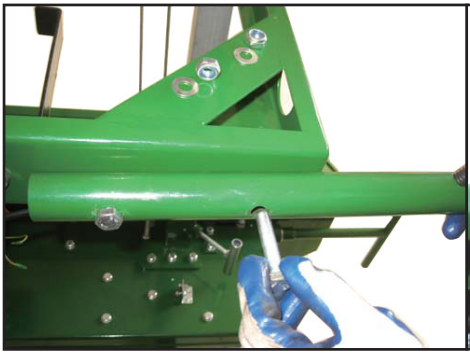


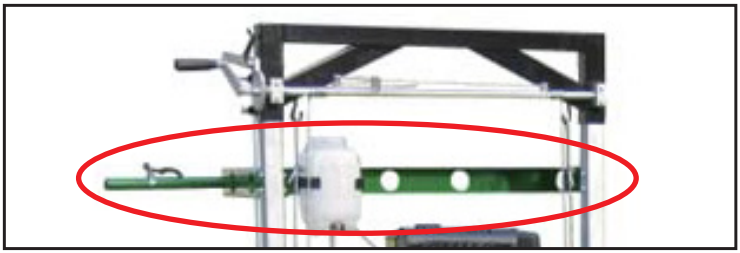
10. Adjust the saw carriage so that it is straight. Crank the saw carriage up until the wires are tense. Use a spirit level to check which side of the saw carriage is higher or lower. Adjust by releasing the wire clamp and pull the wire end which is to be adjusted. Tighten bolts.

11. Fit frame (#101) on the square profile. Loosen the attachment bolts with a 13 mm wrench and fit the frame. Then fit the attachment for the water tank and the attachment for the throttle (#105) (see pictures below). Tighten bolts with 16 mm and 17 mm wrenches.



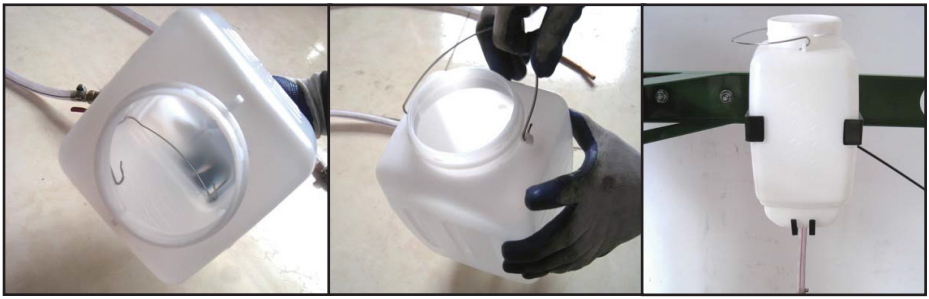






12. Fit the measuring scale (#41), thread through the attachment holes and screw tight.

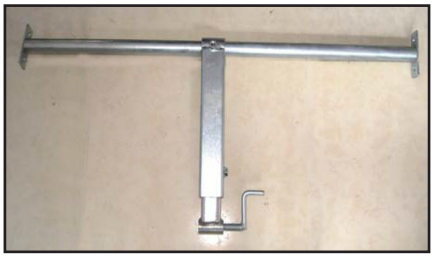
13. Fit the water tank (#98) as in the picture. Loosen bolts (#40) on the lower part of main unit with a 16 mm wrench as shown in the pictures below and fit the copper pipe (#92) in the end of the water hose on the right-hand side. Adjust the position of the copper pipe so that the stream of water hits the saw blade. Note. Do not tighten the bolt so that the copper pipe becomes pinched.



14. Assembling the bed

a.) Place the bed on a level surface. The bed consists of two sections (standard delivery). The sections are lined up and bolted together to form a track for the saw carriage. Fit 5 transverse log supports but do not yet tighten the bolts (see picture below).

b.) Assemble the clamp (#146). The clamp is moveable, and should be placed wherever suitable.



c.) Install the stop (#132) at the end of the bed.

d.) Fit the log support (#138, #139). Use a suitable support: long supports are suitable for large logs and short supports are suitable for smaller logs.

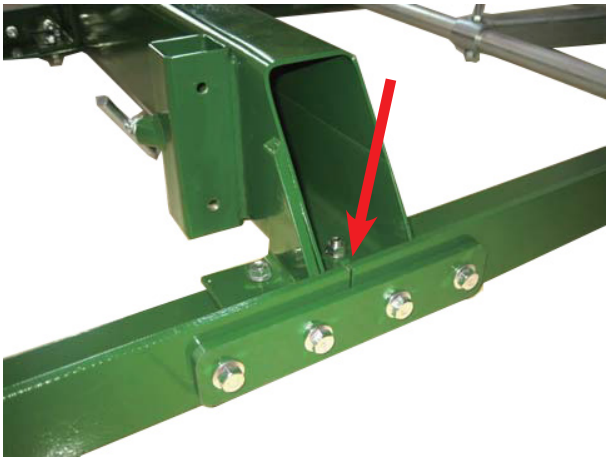
e.) Grease threads and fit the lock pins.

f.) Fit the adjustable support feet (#133). The bed has 12 holes for fitting the adjustable feet.

g.) Fit the mounting plate on the outer side of the bed. Do not tighten the bolts yet.

h.) Lift the saw carriage onto the bed. Warning! The saw carriage is heavy. Be extremely careful when fitting the saw carriage, in order to avoid injury. This should be carried out by at least two people.

i.) After placing the saw carriage on the bed, push the saw carriage forwards to check whether it runs smoothly on the bed. Adjust the height of the support feet if necessary; otherwise tighten all bolts. Check the bed joints; it is important that both sections are aligned with each other and that the bed is straight.



USE/OPERATION

Only those who understand the safety instructions and the operating instructions may use the equipment or product. Exercise caution and care when working with the equipment and only use it in the way described in the operating instructions. There is a risk of crushing when working with equipment that has moving parts. Exercise caution when working with equipment with hydraulic hoses as oil under pressure can penetrate the skin. Immediately seek medical attention if this should occur.

Always work alone with equipment that is made for working alone. Never overload the equipment and respect its risk zone.

- Be aware that various parts of the machine can be hot after use.
- Exercise caution when filling the tank with fuel, particularly if any parts are hot.

STARTING THE MOTOR

1. Read and understand the motor's operating manual before using the machine.
2. Observe all safety regulations: Keep hands and feet away from moving parts.
3. Ensure that bystanders are at a safe distance from the machine.
4. Turn the choke to the on position and set at idling.
5. Pull the starter cord and let it return slowly back to the motor.
6. Allow a few minutes for the motor to warm up while idling. Set the throttle at the factory setting for operation in order for the motor to have a normal working speed of max. 3,600 rpm.

Warning!

Altering the throttle setting to increase rpm above the recommendations given can invalidate the warranty. Fuel consumption will increase and major vibrations can arise, leading to danger for personnel and damage to equipment.

SECURING THE LOG ON THE BED

1.) Roll the log up against the stop.
2.) Lock the log securely against the log support. Ensure that the log cannot come loose during operation.
3.) Set the desired sawing height with the crank for height adjustment, using the measuring scale.

SAWING:

1.) When the band saw has reached the correct speed, move the saw carriage forwards and saw off the sapwood. Remove the sapwood and pull the carriage back to the start position.
2.) Release the log, turn it through 180°, secure the log, move the saw carriage forwards and saw off the sapwood.
3.) Release the log and turn it through 90°. Set the desired sawing height with the crank for height adjustment and move the saw carriage forwards. Follow the same procedure on the last side of the log.
4.) When all sides are flat, saw the log in the desired thickness, in accordance with the previous instructions.
Remember to compensate for the thickness of the saw blade each time you set the height of the saw blade.

TIGHTEN BOLTS AFTER A FEW HOURS OF OPERATION!!!

AFTER USE
Switch off the motor and clean off sawdust, sand and dirt from the saw blade.

TRANSPORTATION AND STORAGE
Check that the work area is free from bystanders, children and objects before driving off. Always observe additional caution during transport and moving. Ensure that the equipment or product is well anchored and existing transport lashings are fitted. Always position the load as low as possible. Respect the risk zones even during transport and moving. Do not permit anyone to walk under suspended loads when carrying out lifts. Trailers used for transport should have brakes that work.

Always store the equipment or product on a dry surface, preferably under a roof, when not in use. Ensure that the equipment or product is stable and cannot fall over. Never permit children to play at the storage site. Be aware of the tipping risk!

MAINTENANCE AND SERVICE
Replace damaged or worn parts to reduce the risk of injuries. Carry out maintenance, service and checks in line with recommendations. Only use spare parts with equal performance to reduce the risk of injuries and breakdowns. All electrical repairs and electrical connections must be carried out by a qualified person. Always follow the safety instructions for maintenance according to the schedule. This is particularly important for the saw blade and safety equipment, because of the danger they would present if they were to come loose while in operation.

For the sake of safety many maintenance procedures, including those not described in this handbook, must be carried out by a qualified technician. In case of doubt during maintenance or servicing, please contact a qualified mechanic/technician.

- Regularly check the condition of the equipment to prevent breakdowns.
- If cracks, twists, bends, gaps or fatigue are discovered, stop using the equipment and rectify the fault. Worn parts must be replaced.
- Retighten all nuts and bolts after a few hours of operation and at the end of a day's work.
- Avoid using the equipment at temperatures higher than +30°C.
- Check that all nuts and bolts are tightened after maintenance and service work. Always test the machine before starting work.
- Grease moving parts regularly. See separate motor manual for maintenance of motor.

For spare parts: Contact Kellfri Service.

INSPECTION
It is very important to check the machine regularly with the aim of detecting and preventing wear and tear, damage, etc.

WARNING! Always switch off the motor before undertaking maintenance/ servicing. To avoid an unexpected start, turn the motor's rotary knob to the 'OFF' position and disconnect the spark plug cap.

Never use a damaged machine, in order to avoid injury. If significant vibrations or smoke appear, stop the machine immediately and inspect it. Rectify the fault before using the machine again.

MAINTENANCE AND SERVICE OF MOTOR: See motor manual

LUBRICATING THE MACHINE:

- Before using the machine, grease the blade wheel axles and oil the square profiles for raising and lowering the saw carriage and the crank axle.
- Lubricate the power handle with grease once a month.

Before storing the machine it may be advisable to service it in order to ensure that it will work the next time it is used.

1. Repaint the machine if necessary, in order to prevent rusting.
2. Check whether the machine is damaged. Tighten all loose nuts and bolts.
3. Change the oil.
4. Open the fuel valve and empty the tank and the carburettor.
5. Close the fuel valve.
6. Lubricate all grease nipples and joints.
7. Store the machine in a dry, clean place, and cover it for additional protection.
8. Wipe blades and attachments with oil to prevent rust.

INSPECTING THE BELT
The first inspection and retensioning must be performed after one hour's operation, to ensure that the belt is correctly tensioned. Check the belt regularly and tighten when necessary. Belt tensioning: the belt should move 20 mm (10 mm on each side) under pressure.

PROBLEM	POSSIBLE CAUSE	MEASURE
The saw blade breaks	1. The blade is insufficiently tensioned. 2. Incorrect speed or feeding speed 3. Log is not secure on the bed 4. The saw blade rubs against the wheel flange 5. The saw blade teeth are too wide or too thick for the type of log being sawn 6. The saw blade starts cutting the log before it reaches the correct speed 7. The guide blocks are not correctly aligned with each other	1. Tension the saw blade 2. Increase the speed of the saw blade and adjust the forward feeding speed; the slower the better 3. Ensure that the log rests securely on the bed before starting work 4. Adjust the position of the saw blade 5. Use only the recommended saw blade 6. Allow the saw blade to reach the correct operating speed before beginning work 7. Adjust and align the guide blocks
The saw blade quickly becomes blunt	1. Teeth are too thick 2. The saw blade rotates too fast 3. Hard type of wood 4. The saw blade is incorrectly fitted 5. The saw blade is insufficiently tensioned	1. Use only the recommended saw blade 2. Adjust the saw blade speed, reduce speed 3. Reduce speed 4. Check how the saw blade is fitted, and fit correctly 5. Tension the saw blade
The saw blade jumps off the blade wheels	1. The blade is insufficiently tensioned 2. Incorrect setting of saw blade guide 3. The belts are worn out 4. The saw blade is blunt 5. The feeding speed is too fast	1. Tension the saw blade 2. Incorrect distance between the blocks and the saw blade 3. Adjust belt tension 4. Replace saw blade 5. Adjust speed, reduce feeding speed
The saw blade cuts at an angle	1. The log is not square 2. The feeding speed is too fast 3. The saw blade is insufficiently tensioned 4. The saw blade is blunt 5. The saw blade guide is loose	1. Plane the log so that it is square 2. Reduce feeding speed 3. Tighten the blade slightly 4. Replace saw blade 5. Adjust saw blade guide
The saw blade cuts roughly/ unevenly	1. The saw blade's rotation speed and/or forward feeding speed is too fast 2. The saw blade is too thick	1. Reduce speed 2. Use only the recommended saw blade
The saw blade twists	1. The saw blade cuts too fast 2. The saw blade is too tense	1. Reduce feeding speed 2. Adjust the saw blade tension
The saw blade is too slow or stops while running	1. The saw blade is insufficiently tensioned 2. Incorrect belt tension 3. The feeding speed is too fast	1. Tighten saw blade 2. Tighten the belt or, if the belt/belts is/ are worn out, replace 3. Reduce feeding speed

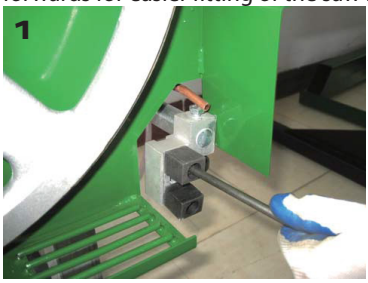
PROBLEM	POSSIBLE CAUSE	MEASURE
Abnormal wear on rear side of saw blade	1. Saw blade guide is worn out 2. The saw blade's guide roller is loose	1. Replace the guide blocks 2. Tighten guide roller
Saw blade teeth are torn from the blade	1. Teeth too thick 2. Incorrect feeding speed 3. Log is loose 4. Teeth are filled with sawdust/dirt	1. Replace saw blade; use only recommended saw blade 2. Adjust speed 3. Ensure that the log securely attached to the bed; ensure that the log is free of branches 4. Clean sawdust/dirt from saw blade
The sawmill cuts too slowly	1. The blade is blunt 2. The blade is incorrectly fitted	1. Replace saw blade 2. Remove the blade; the teeth should be turned towards the bed
The sawmill vibrates excessively	1. The log is not securely attached to the bed 2. The belt is deformed 3. The wheel axle bearings are worn out 4. The saw carriage is pushed forwards too fast 5. Loosen bolts	1. Ensure that the log is securely attached to the bed before operation 2. Replace belts 3. Check wheel axle bearings and replace if necessary 4. Reduce forward speed 5. Check all bolts and tighten if necessary
Timber is cut conically or thinner at the ends	The bed is not straight	1. Check that the bed is straight Ensure that the sawmill is placed on a hard level surface

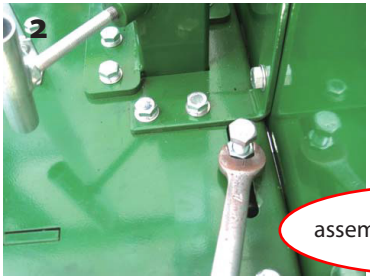
ASSEMBLY AND ADJUSTMENT OF SAWMILL

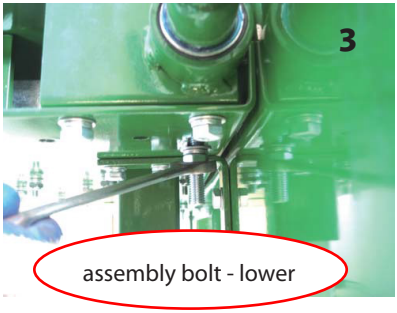
The instructions below must never be carried out while the motor is running. As a safety measure, remove the spark plug cap. Gloves and protective goggles are recommended while working with the sawmill.

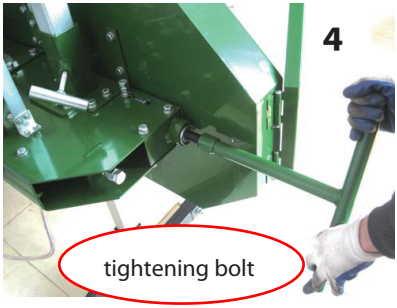
1.) Loosen 3 bolts with a 13 mm wrench and remove the protective cover.

2.) Loosen hex bolts (#91) on the saw blade guide (#90) on both left and right sides. Loosen upper and lower assembly bolts and release the tension bolt (#1). Move the adjustment bolt forwards for easier fitting of the saw blade.

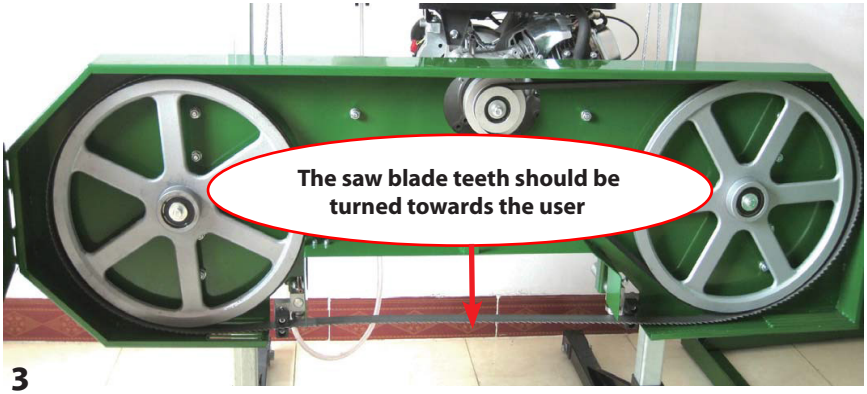






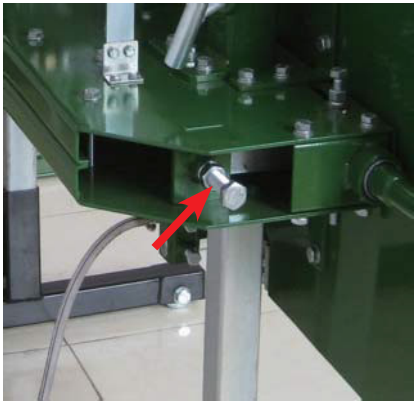


3.) Wear gloves when fitting the saw blade. The saw blade teeth should be turned towards the user. The saw blade rotates counter-clockwise when running. Assemble the saw blade on the blade wheels. The lower part of the saw blade should be fitted between the blade guides (#90). Tighten the saw blade.



4.) NB It is important that the bolt (#11) is in the centre of the blade wheel's axle (#9) in order to ensure that the axle is straight and is correctly adjusted.

5.) Push the saw blade in and tighten the tightening bolt, then adjust the left-hand blade wheel.



a.) If the blade wheel is lop-sided, the left or right side is too close to the protective cover.


PICTURE 1


PICTURE 2

MEASURE:

- Loosen nuts (#12) with a 24 mm wrench, as shown in the pictures below.
- If the wheel is lop-sided as in PICTURE 1: Loosen the adjustment bolt (#11) and tighten the tightening bolt (#1) until the blade wheel is straight.
- If the blade wheel is lop-sided as in PICTURE 2: Tighten the adjustment bolt clockwise and then tighten the tightening bolt until the blade wheel is straight.
- It is important that both the adjustment bolt and the tightening bolt are adjusted. Do not adjust only the adjustment bolt or only the tightening bolt.

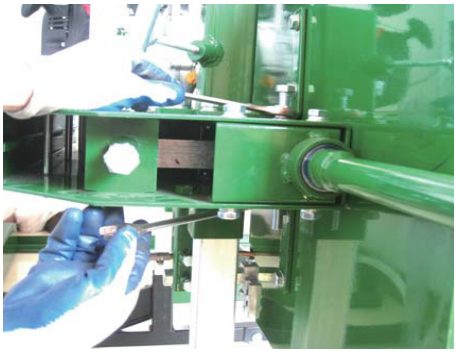
b.) Adjustment: **UP** and **DOWN**

If the blade wheel is lop-sided and the upper part (PICTURE 3) or lower part (PICTURE) of the wheel is too close to the protective cover.


PICTURE 3


PICTURE 4

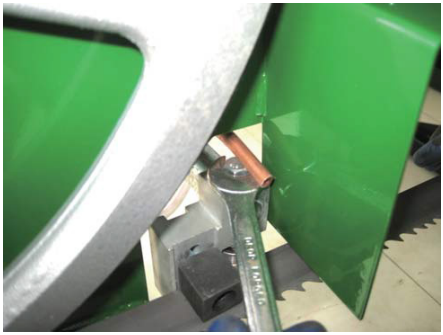
MEASURE
If the blade wheel is lop-sided as in PICTURE 3, loosen the upper adjustment bolt (#7) with a 19 mm wrench and adjust it upwards to the correct height. If the blade wheel is lop-sided as in PICTURE 4, the bolt should be adjusted downwards. It is important for the upper and lower bolts to be adjusted simultaneously. They should be given the same number of turns on both sides.

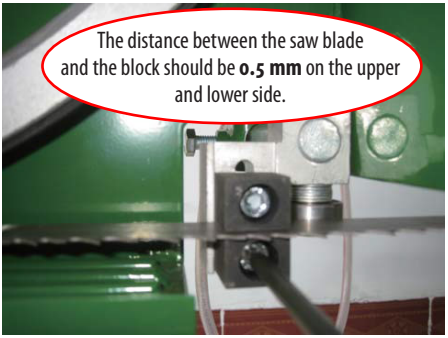


6.) Carry out the following step if there is a need for fine adjustment when the saw blade is already tense. Spin the blade wheels and check the distance between the wheels and protective cover.

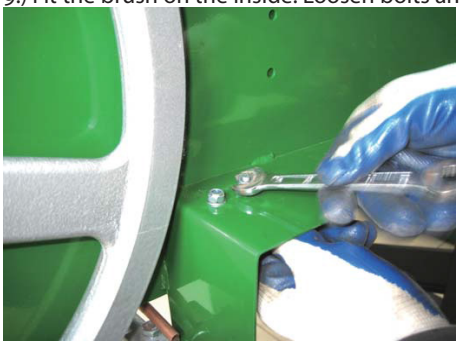
7.) When the blade wheels have been adjusted, tighten all bolts.

8.) For adjustment of blade guide (#90), loosen the M10 x 25 bolt (#40) with a 16 mm wrench. Push the block so that the roller lies against the rear side of the saw blade. The roller must not push the blade forwards, as this affects the functioning of the saw blade. Adjust so that the saw blade runs smoothly. Adjust if necessary, then tighten the bolts. The distance between the blade and the upper and lower sides of the block should be 0.5 mm.





9.) Fit the brush on the inside. Loosen bolts and fit the brush as in the pictures below.



10.) Replace the protective cover.

DIAGRAM I. SAW CARRIAGE

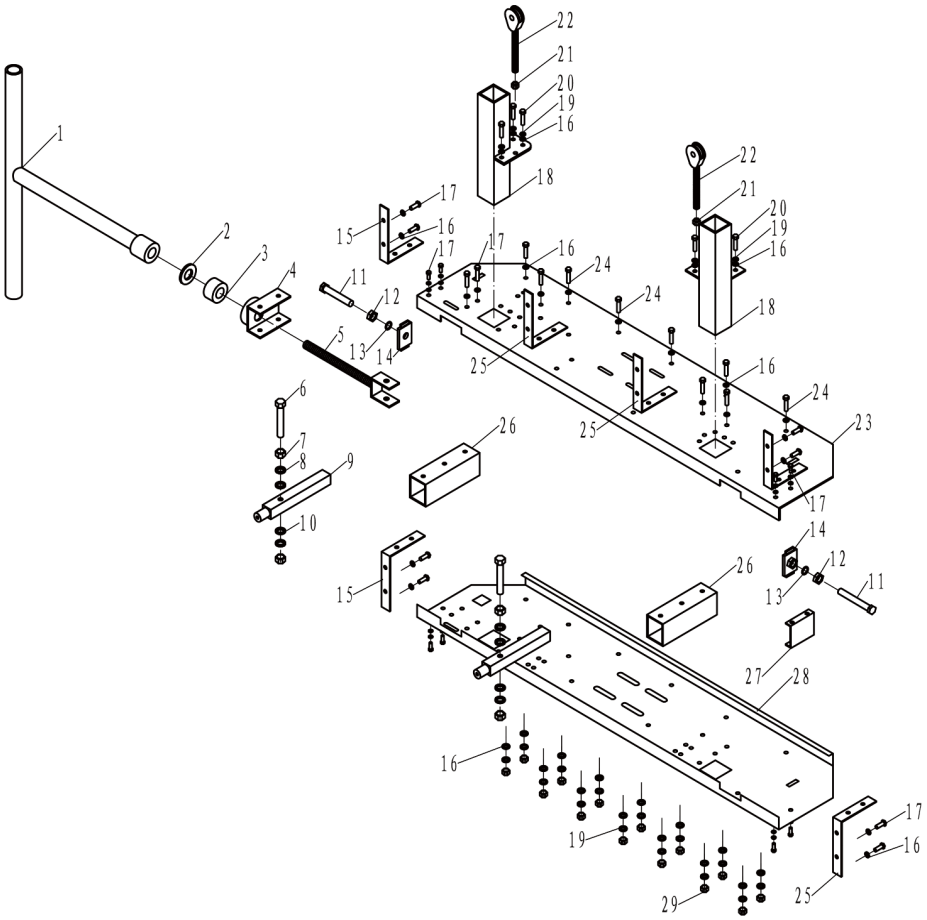


DIAGRAM II. SQUARE PROFILE

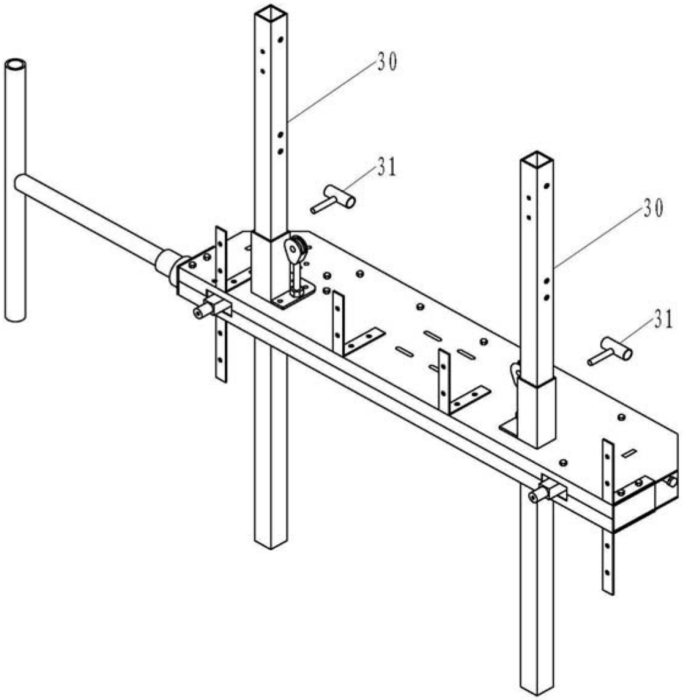


DIAGRAM III. SAW CARRIAGE FEET

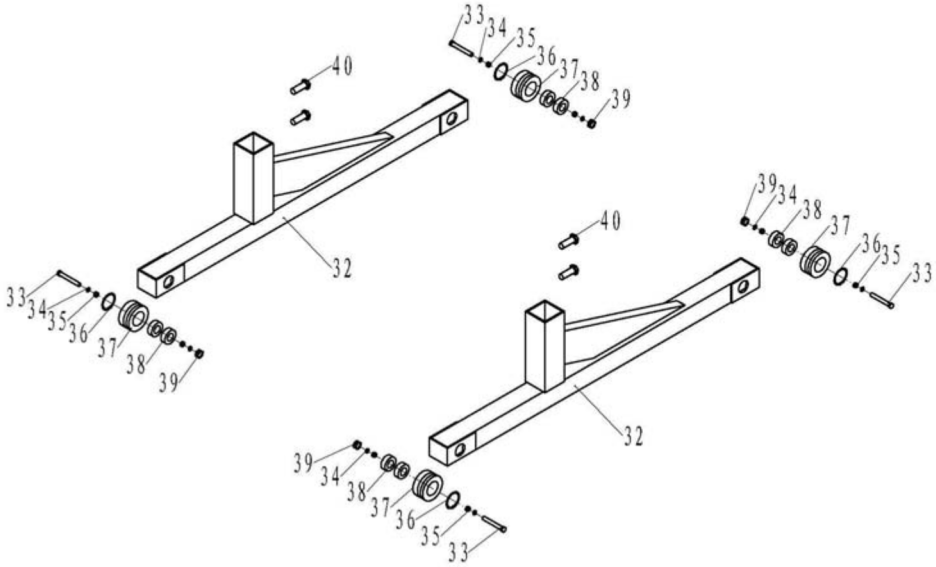


DIAGRAM IV. MAIN UNIT

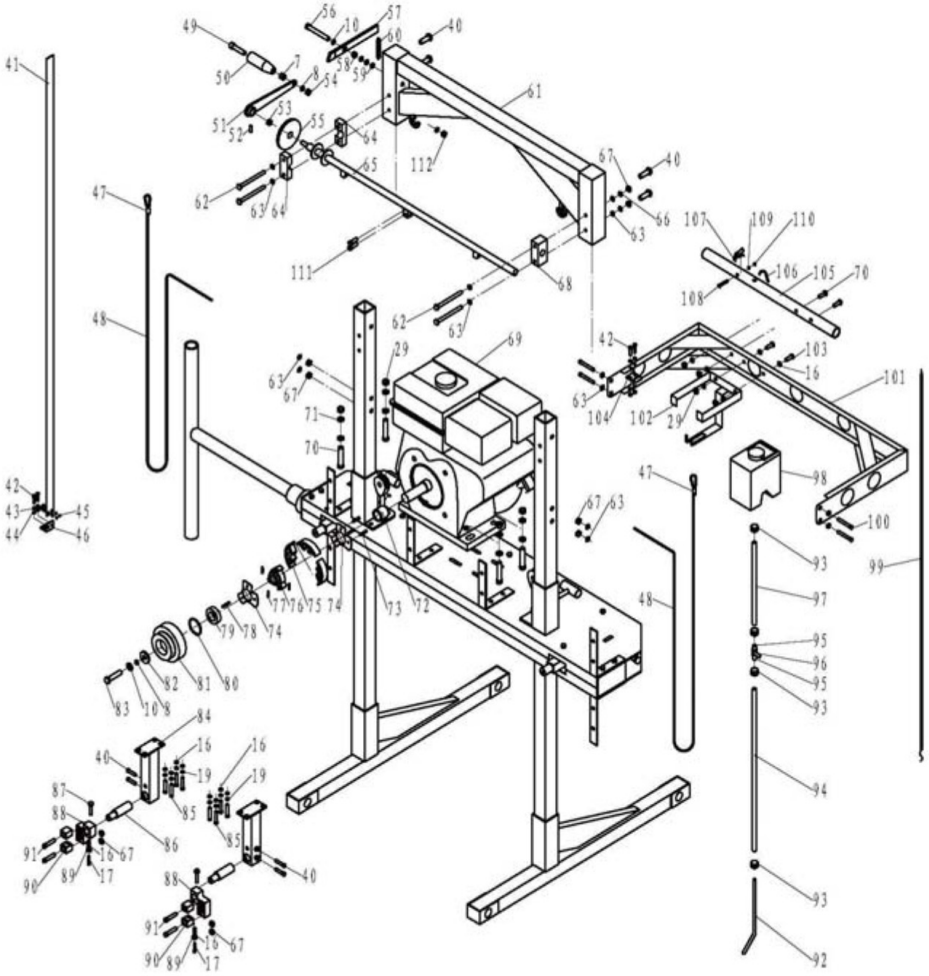


DIAGRAM V. BLADE WHEEL

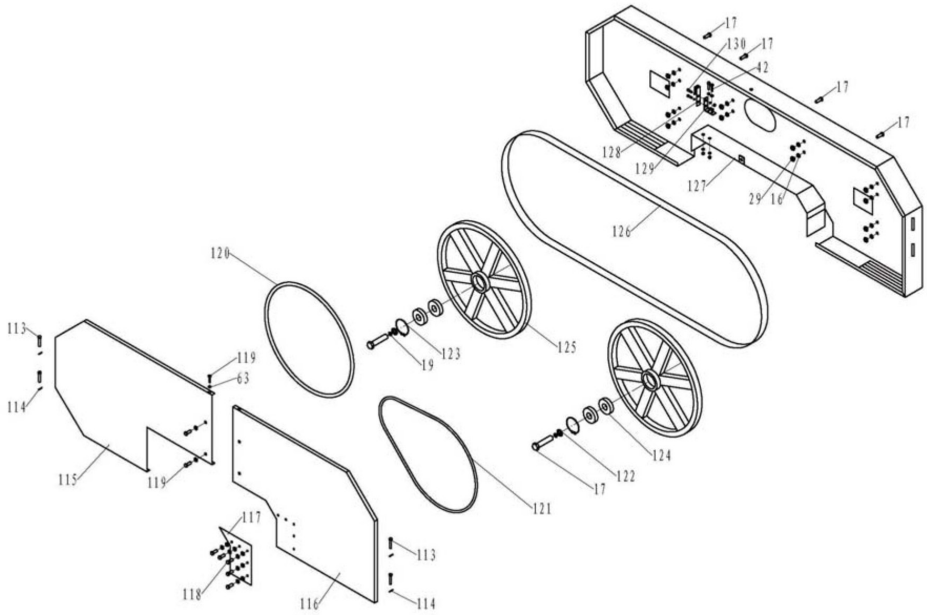
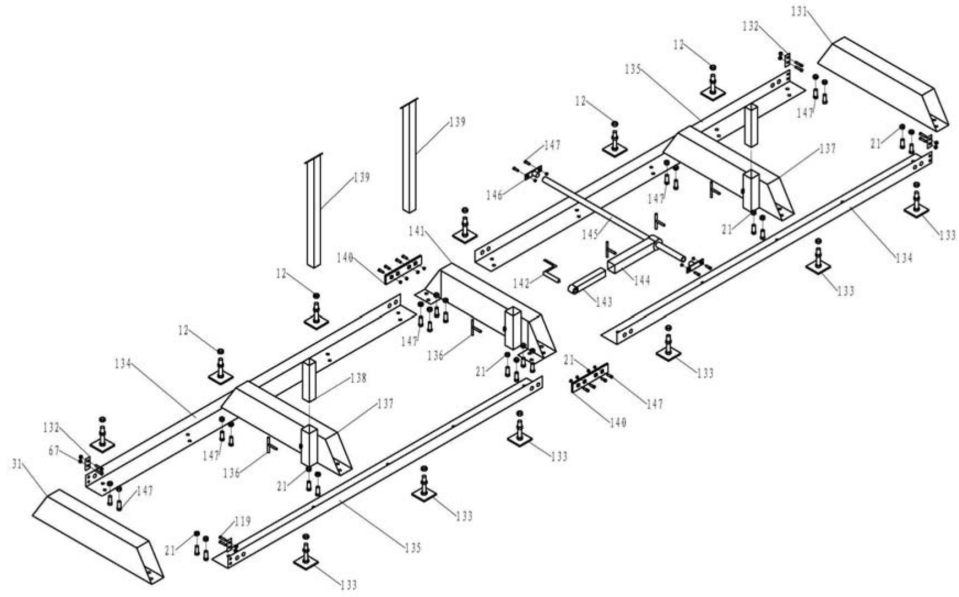


DIAGRAM VI. BED



NO.	DESIGNATION	NUMBER	NO.	DESIGNATION	NUMBER
1	Adjustable handle	1	75	Tension block	3
2	Plastic washer	1	76	Coupling	2
3	Sleeve	1	77	Tension spring	3
4	U-bracket	1	78	Spline	1
5	Threaded rod	1	79	Bearing 1641 RLD	1
6	M12 x 150 bolt	2	80	Clamp ring 52	1
7	M12 nut	5	81	Tension roller	1
8	12 Spring washer	10	82	12 Flat washer (12 X 4 X 45)	1
9	Blade wheel axle	2	83	Hex bolt 7/16-20 x 30	1
10	Flat washer	6	84	Support saw blade holder	2
11	M16 x 90 bolt	2	85	M10 x 35 bolt	8
12	M16 nut	26	86	Axle	2
13	16 Spring washer	2	87	M10 x 12 bolt	2
14	Flat bar	2	88	Attachment	2
15	Angle bracket	2	89	Ball bearing 6200	2
16	10 Flat washer	106	90	Blade guide block	4
17	M10 x 25 bolt	48	91	M8 x 40 bolt	4
18	Attachment pipe	2	92	Copper pipe	1
19	10 Spring washer	58	93	Coupling	4
20	M10 x 10 bolt	10	94	Water hose 2	1
21	Collar nut 10	38	95	Hydraulic coupling	2
22	Wire block	2	96	Water valve with tap	1
23	Upper cover	1	97	Water hose 1	1
24	M19 x 100 bolt	10	98	Water tank	1
25	Support bracket	4	99	Coupling wire	1
26	Stabilising pipe	2	100	M8 x 65 bolt	4
27	Plate bracket (right)	1	101	Frame	1
28	Lower cover	1	102	Water tank attachment	1
29	M10 lock nut	34	103	M10 x 20 bolt	2
30	Square profile	2	104	Stop	1
31	Lock handle	2	105	Tubular pipe	1
32	Saw carriage feet	2	106	Throttle cable	1
33	M16 x 80 bolt	4	107	Throttle	1

NO.	DESIGNATION	NUMBER	NO.	DESIGNATION	NUMBER
34	16 Flat washer	8	108	Bolt	1
35	Spacer	8	109	4 Flat washer	1
36	Clamp ring 35	4	110	M4 lock nut	1
37	Track wheel	4	111	M6 x 12 bolt	2
38	Ball bearing 6003	8	112	M12 lock nut	1
39	M16 lock nut	4	113	Hinge axle	4
40	M10 x 30 bolt	16	114	Split pin	4
41	Measuring scale	1	115	Protective cover (left)	1
42	M6 x 16 bolt	8	116	Protective cover (right)	1
43	6 Spring washer	9	117	Plate protection	1
44	6 Flat washer	23	118	Screw	5
45	M6 lock	10	119	M8 x 20 bolt	11
46	Attachment plate	1	120	Cog belt B-1422	1
47	Wire locking	2	121	Cog belt B1981	1
48	Wire	2	122	10 t4 flat washer	2
49	M12 x 55 bolt	1	123	Clamp ring 62	2
50	Crank axle	1	124	Ball bearing 6305	4
51	Crank	1	125	Large drive belt	2
52	5 x 20 split pin	1	126	Saw blade	1
53	M16 x 1 nut	1	127	Saw blade protection	1
54	M12 nut	1	128	Brush	1
55	Cog wheel	1	129	Attachment for brush	1
56	M12 x 90 bolt	1	130	M6 x 25 bolt	2
57	Latch	1	131	Log support	2
58	Spacer	1	132	Stop	4
59	12 t3 flat washer	4	133	Adjustable feet	12
60	Spring	1	134	Bed - left	2
61	Upper stabilising frame	1	135	Bed - right	2
62	M8 x 115 bolt	4	136	Lock handle	5
63	8 Flat washer	19	137	Log support - middle	2
64	Attachment	2	138	Log support (short)	2
65	Axle	1	139	Log support (long)	2
66	M8 spring washer	4	140	Flat iron - joint	2

NO.	DESIGNATION	NUMBER	NO.	DESIGNATION	NUMBER
67	M8 lock nut	20	141	Stabilising profile - joint	1
68	Attachment	1	142	Locking pin	1
69	Motor	1	143	Pin tube	1
70	M10 x 50 bolt	6	144	Iron profile	1
71	Flat washer	8	145	Stabilising pipe	1
72	Clamp bushing - motor	1	146	Log clamp	2
73	5 x 25 rivet	3	147	M10 x 25 flange bolt	42
74	Washer	2			

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?**

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

Signiture:	Date:

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 manufaturing deffects.

This guarantee do not cover

- Labour costs
- Travel expenses
- Any modification that the buyer himself has/had made.
- Any consequential damages that occured 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

CE

EC-DECLARATION OF CONFORMITY
According to 2006/42/EC, Annex 2A
Kellfri AB
Munkatorpsgatan 6
532 37 Skara, Sweden

Declares that the machine
Name: 21-SV500B
Type: Sawmill

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 2015-12-09

Kellfri AB is constantly working on further developing their products and therefore reservesthe right to modify, among other things the design and appearance without notice.

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