# 35-VKMATV150H2 FLAIL MOWER ATV WITH FLAP AND ELECTRICAL START-UP





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Kellfri designs and supplies efficient, affordable machinery and components for forestry, agriculture, construction and gardening in Sweden, the rest of the Nordic region and Europe.

We recommend that you always read and follow the safety instructions and the instructions in the machine's operating manual.

Kellfri is not liable for any errors in this document.

#### INTRODUCTION

Thank you for choosing a product from Kellfri AB. Compliance with the safety instructions, operating 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, horse enthusiasts and other country dwellers with stringent performance demands.

#### **PRODUCT INFORMATION**

The VKMATV150H2 flail mower is for you if you have larger areas to mow. With a cutting width of 150 cm, you will be able to mow larger areas efficiently. The flail mower is fitted as standard with hammer flails. The flail mower is also adapted for Y-flails, which can be purchased additionally (not included). The engine is equipped with electrical start-up and pull cord.

The flail mower is fitted with a flap at the back, which releases the grass to avoid excessive accumulation under the hood. You save on fuel and reduce wear on the belts, and you operate at a higher speed than an ATV flail mower without a flap. The grass is also spread more evenly. The flap opens easily with the two laser-cut handles. The cutting height can be adjusted between 0-150 mm, enabling you to cut the grass close to the ground and thus achieve a more level result. The grass is evened out and the remnants moulder away faster. The flail mower with 15 hp engine is constructed to cope with tougher vegetation such as tussocks, roots, saplings, mounds and stones. Used primarily for topping pastures, parks and road verges.

The flail mower has skids at the sides for stable, smooth operation. The angle of penetration is adjusted with a turnbuckle under the tow bar. Mudguard at the front to reduce the risk of stone chipping. 15 hp engine with oil-level monitor. Double attachment - you can decide for yourself whether you want to have the tow bar on the left or right side of the mower. Fit wheel brackets for side assembly and behind the machine for stability and compliance at the sides or for maximum accessibility at the back. The wheels are individually height-adjustable with a mechanical spring clevis pin on the crank to prevent the crank moving backwards as a result of vibration. Sturdy rubber balloon wheels (16-6.50 x 8). The front of the flail mower is fitted with chain guards that adapt to the substrate and protect both the tractor and the surroundings from stone chipping and grass spray.

The flail mower has a wide rear support roller and a tow bar with three fixed lateral adjustments.

#### Important! The machine is supplied without oil. Fill before use!

TECHNICAL DATA	35-VKMATV150H2
Length	2170 mm
Width	1983 mm
Height	950 mm
Working width	1500 mm
Cutting height	20 - 300 mm
Wheel designation	16 x 6.5-8
Number of flails	32 pcs
Engine, hp	Electrical start-up
Operating speed (grass of normal height)	5 - 6 km/h (For higher grass, raise the mower to its maximum and mow twice.)
Engine oil, type	SAE 15W-40
Oil quantity, L	1.1
Fuel quantity, L	6 (unleaded 95 octane petrol)
V-belts, x2	BX1067
Weight	268 kg
Spark plug	NHSP LD F6RTC

#### SAFETY INSTRUCTIONS

Before using the equipment or product, and for the safety of yourself and others, you must read the safety instructions and instruction manual and understand their contents. Always keep the safety instructions and operating 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 the operating manual are damaged, or become unusable for any other reason, new copies may be ordered from: Kellfri AB, Storsvängen 2, SE-532 38 SKARA, Sweden. Tel.: +46 511 242 50

The safety instructions can also be downloaded from Kellfri's website: 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, or suffering from severe depression or mental illness. Always comply with general rules of the road and applicable rules stipulated by animal welfare legislation. People under the age of 15 are not allowed to use the equipment.



# **Warning!**

The original design of the machine must not, under any circumstances, be modified without the approval of the manufacturer. Unauthorised modifications and/or accessories may cause life-threatening injuries or death to users and others.

Kellfri is not liable for any modifications, changes or rebuilds carried out by customers.

Where the machine is used professionally, employers are responsible for ensuring that users of the machine have theoretical and practical knowledge of the machine and that work is performed in a safe manner. Stay informed by complying with work environment legislation; contact your local work environment authority.

#### 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

Always use suitable protection equipment. Do not wear loose clothing or jewellery while working with the equipment. 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 must be worn whilst the engine is running.









#### **SURROUNDINGS**

Check that the work area is free from bystanders and objects before hitching or using the equipment. Otherwise, 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. Never leave rubbish in the work area, and keep work surfaces clean. Always respect the equipment's risk zone.





# **Warning!**

Children must not be left unsupervised in the area!

#### **BEFORE USE**

Carefully read the safety instructions and the operating manual. Make sure that you understand the safety instructions, the operating manual and warning decals. Use common sense and suitable personal protective equipment when using the product. Always check the performance of the machine combination 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. Repair 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 a user feels that the machine is dangerous to use, they should not use it until they have received thorough training.



# **WARNING!**

Never use equipment or products with defective safety components.

- Check belt tension before first operation. The belts must be aligned.
- After 1 hour of operation, check that the belt is correctly tensioned.
- Lubricate all bearings.

**Important!** The risk of ignition and rapid spread of vegetation fires on forest land and grass-land differs significantly. Grass fires spread in dead grass from last year in the early spring, before this year's fresh grass has grown. In the event of extreme drought, there is a risk of fire from striking stones, which can cause sparks. Always find out whether there is a fire ban before you start operating your garden machinery. According to the industry-wide guidelines, the landowner must always be consulted when the fire risk is high. During consultation, an agreement is reached as to whether you should operate according to plan or whether special measures have to be taken. If the risks are too great, the work is discontinued.

#### USE

Only those who understand the safety instructions and the operating manual may use the equipment or product. Exercise caution and care when working with the equipment or product and only use it in the way described in the instruction manual.

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. Respect the equipment's risk zone.



For further information about your machine, read the machine's operating manual.

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 operating 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.

Where the machine is used professionally, employers are responsible for ensuring that users of the machine have theoretical and practical knowledge of the machine and that work is performed in a safe manner. Stay informed by complying with work environment legislation; contact your local work environment authority.

#### **AFTER USE**

- Ensure that the equipment/product is standing on level ground when it is disconnected.
   Use stabilisers, if included with the product/tool.
- Wash, rinse with water and dry if necessary.
- Re-lubricate if necessary.

#### MAINTENANCE AND SERVICE

- Make sure that the equipment is stable and cannot tip over when carrying out maintenance and service work.
- 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.

Check that all nuts and bolts are tightened after maintenance and service work. Always test the machine before starting work.



IMPORTANT! Check the oil level (engine oil) and lubricate grease points regularly!

**IMPORTANT!** Dirt collects easily on exposed grease and causes increased wear. After lubrication, wipe off excess grease.



## DANGER!

WARNING: Pressurised oil and fuel leaks can penetrate skin and cause serious injuries. Do not use your hands to locate leaks. Use a piece of paper or cardboard to search for leaks.

Kellfri AB has a policy of continuous product development and therefore reserves the right to make modifications, e.g. to the design and appearance of the product, without prior notice.

#### TRANSPORTATION AND SET-UP

- 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 that available transport lashings are fitted.
- Always position the load as low as possible. All protruding loads should be well anchored.
- 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.
- An SMV sign must be attached when travelling on public roads.
- Check tyre pressure see information on sides of tyres. Do not exceed the maximum pressure!
- Always store the equipment or product in a dry place, preferably under a roof, when not
  in use.
- Ensure that the equipment or product is stable and cannot tip over.
- Never permit children to play at the storage site.
- Be aware of the tipping risk!
- Remember to maintenance charge the battery during the winter.

#### RECYCLING

For scrapping, the equipment/product must be dismantled and transported to a recycling station designated by your local authority. Any liquids should be collected and transported a recycling station designated by your local authority. Contact your local authority for further information.



#### MOTORISED MACHINES

#### Important to bear in mind when using motorised machines:

- Fumes contain toxic substances, so never use the machine in poorly ventilated spaces.
   Do not run the engine in an enclosed space, as the exhaust fumes contain carbon monoxide, which is lethal if inhaled. The motorised machine must not be used indoors.
- Risk of burns from touching hot surfaces such as exhaust pipes.
- Operate a new machine at low speed for the first 20 hours, not at high speed and with a full load.
- Avoid getting petrol/oil on your skin. If this happens, rinse thoroughly with water.
- Avoid breathing in petrol fumes while refuelling. Screw the tank cap on securely.
- Do not keep fuel or other explosive substances near the work zone when using the machine.
- Only store fuel in containers intended for this purpose.
- Refuelling is not permitted indoors or when the engine is running.
- Never use dirty oil or fuel. This can cause serious damage to the engine.
- Never leave the machine with the engine running. Turn off the engine 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. Take care if there are children in the area where the product is stored or used.
- Check that the work area is free from bystanders and objects before starting.
- Do not use the machine without having all guards correctly mounted.
- Do not operate the machine if it is vibrating substantially; stop the machine immediately and check the maintenance schedule. Check that all nuts and bolts are tightened.
- Do not alter the engine settings unless specified by the engine manufacturer. The engine's rpm must never exceed the value indicated on the sign.
- Never exceed the maximum operating speed.
- The SMV sign must be clearly visible during work.
- Lights must be used for driving on public roads, both in daylight and in darkness.
- Do not spray water directly on the sound damper, exhaust system or filter. Water may creep into the engine and cause serious damage.
- Carry out maintenance, service and checks in line with recommendations. Replace damaged and worn parts. Before beginning servicing work: stop the engine, remove the key, put the gear into neutral, apply the handbrake and ensure that all parts have stopped and cooled down.
- The exhaust pipe becomes hot and there is a risk of fire if grass and dry material collect around the exhaust pipe. Check and clean if necessary.
- A type ABE2 or 3 fire extinguisher should always be easily accessible during work. Contact your insurance provider.



#### Prevent inhalation of toxic gases

Fumes contain toxic substances, so never use the machine in poorly ventilated spaces. Not for indoor use.



#### **Avoid burns**

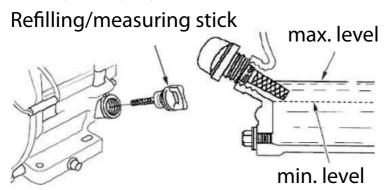
Never touch the silencer or other part of the exhaust system while the generator is running or when the parts are still hot.



#### **Avoid hearing damage**

Long-term exposure to noise can cause permanent hearing damage. Use ear defenders.

#### **REFILLING WITH ENGINE OIL**



Make sure that the machine is on a flat surface. Refill with engine oil 15W-40, 1 L

# Add the oil via one of the two yellow oil plugs. Check the level by withdrawing the measuring stick. The oil level should be between min. and max.





#### **PREVENT FIRE**

- Use the correct fuel specified for your machine. Unsuitable fuel, such as kerosene, must not be used.
- Wipe off spilt fuel with a clean cloth.
- Smoking and open flames are prohibited in the vicinity of the machine. Petrol can ignite easily.
- Keep explosive and flammable materials away from a machine with a combustion engine, as the
  exhaust system generates high temperatures during operation and can cause fire or explosion.
- In order to prevent fire and to keep the generator/engine well ventilated, the machine should be placed at least 1.5 m away from buildings or other equipment during operation.
- Always place the machine on a level surface. There is a risk of fuel spillage if the machine is placed on an incline.

#### RISKS AND HAZARDS ASSOCIATED WITH THE USE OF GARDEN MACHINERY

#### Risk of crushing

Observers can be injured when the machine is lowered in the cutting position. Pasture toppers have crushing points around the hinge areas and between the 3-point linkage and the main body. Respect the risk zone of 15 m!

#### **Rotating blades**

WARNING! Any person can risk injury by putting their hands or feet under the machine when it is lifted from the ground and the blades are still rotating. Nobody is allowed in the vicinity during operation or when the machine is running.

#### Risk of crushing

This risk is common in mechanical transmission devices such as belt drives, bevel gears and rollers. Ensure that all guards are correctly fitted.



Rotating blades

#### Risk when disengaging machine

The heavier a rotating part is, the longer it will continue to rotate after the wheel drive has been disconnected. This property is called free-wheeling. Rotating blades and other components such as drive shafts, etc. will continue to spin round after the wheel drive has been disconnected. Injuries occur:

- When the operator disconnects the equipment and attempts to clean or adjust the machine before the components have stopped rotating.
- When the shear bolt in the protective device in the power outlet disintegrates and the
  rotors continue to spin while the power outlet has stopped. The operator's awareness
  is of key importance for safety around rotating parts. Never raise the machine while
  the blades are still rotating!

#### Risk of ejected objects

Machines that cut grass eject material during operation. Foreign objects such as stones, sticks and other debris can find their way under the machine and be ejected at great speed. Metal guards at the sides and front prevent these objects being ejected, but this is no guarantee that they will always capture everything.



Observers or animals standing in the way of an ejected object can suffer serious injury. Never operate the machine when there are observers nearby. **Respect the equipment's risk zone of 15-25 m!** 

#### Noise

Note that the machine is intended for outdoor use and that the operator's position is the driver's seat of the tractor. It is advisable to read the directions given in the tractor manual and maintenance instructions. The sound pressure level during operation exceeds 70 dB. Hearing protection must therefore be worn during operation.

#### Accidents involving slipping and falling are often a result of:

- Slippery surface
- Uneven steps and work platforms.

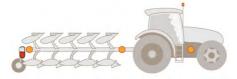
The risk of slips and falls can be reduced considerably by exercising good judgement.

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All unprotected rotating machine parts increase the risk of accidents. Accidents usually occur when loose-fitting clothing or long hair is caught and wrapped around rotating parts, such as PTO shafts or drive shafts on the machine. Ensure that all guards are correctly fitted.

#### Drive safely on public roads

- Always follow traffic safety rules on public roads, and following the regulations applying to driving a tractor with towed equipment on a public road.
- Check that reflectors, warning signals and/or warning flags indicating protruding equipment is fitted to the machine or tractor. These indicators must be correctly mounted, and must be visible and easy for drivers of other vehicles to see.
- Observers must not lean against or climb onto the machine during transport or during work. NEVER allow anyone to travel on the machine!
- The maximum transportation speed must not exceed 20 km/h
- Brake regulations: If the gross weight of the trailer exceeds the gross weight of the towing vehicle, the trailer must be equipped with a brake. For further information, contact the traffic authorities.
- IMPORTANT! Mark protruding equipment clearly with additional lights or suitable reflectors. It is important that the equipment is visible! If you are driving on a public road, any load or equipment protruding in front of or behind the tractor must be marked. In darkness, at dusk or dawn or in weather with poor visibility, the load must be marked with a white reflector and lantern at the front and a red reflector and lantern at the rear. In daylight you can mark the load with a flag or a piece of fabric in colours which are easy to notice, such as red and yellow.



- Think about front-loaded equipment. As well as marking front-loaded equipment clearly, you can also try to make front-loaded equipment such as a bucket, bale spike or pallet forks less aggressive if another driver should collide with it.
- Before going out onto public roads, it is also always advisable to look over your vehicle
  and check that the brake system on the following vehicle is working, and that your tow
  bar eyes are not too worn. A worn-out towing eye can break if subjected to a heavy load,
  and you can lose the cart.
- It is also advisable to check that the SMV sign is clearly visible from behind. If it is
  obscured by any equipment or load behind, you must hang an additional one at the rear
  of the vehicle train.







#### **WARNING DECALS**

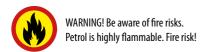
Make sure warning decals are always visible and clean them when necessary. Do not use a high-pressure washer directly on the warning decal. If apart with a decal is replaced, or the decal becomes worn or in any other way unusable, order a new set of decals.

SYMBOL	EXPLANATION		
	Read the operating manual! Before carrying out work.		
<b>A</b> CO	WARNING! Rotating machine parts. WARNING Crushing risk! Never use the machine without all guards correctly mounted. Do not put your hand or any other part of your body into the machine while it is running.		
	Ejection warning! Respect the equipment's risk zone!		
	- Lubrication - Tighten all bolts, nuts and couplings before use.		
	The machine is for individual work only. Nobody is allowed in the vicinity during operation.		
	Warning! Keep off the machine!		
	Warning! Accident risk for children! Children are not allowed in the vicinity of the machine.		
	Always store the product on a dry surface, preferably under a roof, when not in use.		
Kellfri Stragen Strage	The product is CE-labelled		

#### PREVENT FIRE RISK

- Use the correct fuel specified for your machine. Unsuitable fuel, such as kerosene, must not be used. Store the fuel in the designated container.
- Only refuel outdoors.
- Wipe off spilt fuel with a clean cloth.
- Make sure that the tank cap is closed securely.
- Smoking and open flames are prohibited in the vicinity of the machine. Petrol can ignite
  easily.
- Keep explosive and flammable materials away from a machine with a combustion engine, as the exhaust system generates high temperatures during operation and can cause fire or explosion.
- Do not open the fuel cap when the engine is running or hot.
- Replace damaged tank or tank cap.
- In order to prevent fire and to keep the generator/engine well ventilated, the machine should be placed at least 1.5 m away from buildings or other equipment during operation.
- Always place the machine on a level surface. There is a risk of fuel spillage if the machine
  is placed on an incline.
- If fuel has leaked out: Do not start the engine! Avoid attempting to start the ignition and clean the machine.
- Coolers for the engine must be clean of dirt.
- Do not operate when there is a fire ban.
- Incorrectly tensioned drive belts or worn out belts that are slipping generate heat.
- Flails that come into contact with stone cause a risk of sparks.

#### Important! There must be a powder extinguisher on the towing vehicle.



#### **CUTTING**

- Check the area to be cut, and remove objects and debris that might be caught and ejected by the blades.
- The amount of grass to be cut determines the forward speed; low speed usually produces the best results. It is best to cut grass when it is dry. Cutting wet grass can cause clogging and the formation of grass clumps behind the cutting unit. When cutting very tall tall grass, raise the cutting height and cut the same area twice, with a lower cutting height the second time. Allow at least 24 hours between the first and second cutting, to enable the grass to dry out.
- Lower the cutting unit towards the ground. Connect the PTO shaft so that the blades begin to rotate.
- Warning! The machine is not made to work the ground. Do not drive in dirt and rocks.
- Before each run, check the number of flails. Missing flails replace immediately with a new
  one. Driving with missing flails creates unevenness and can cause damage to the flailmower. Any broken and damaged flails are replaced. Regularly check that all the bolts
  are properly tightened.

#### **BEFORE USING A FLAIL MOWER**

Read the towing vehicle's instruction book before connecting equipment.

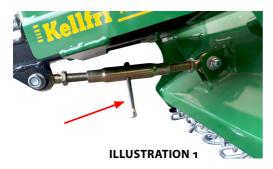
- Check the cog belt's tension, and adjust when necessary.
- Check that the flails are not defective, and replace if necessary,
- Ensure that all nuts, bolts and installations are securely mounted, that all packing/transport material such as tape, steel bands, rope, etc. has been removed.
- Check that the oil level in the engine is correct and that there is petrol in the tank.
- Check that the tyre pressure is correct. See information on tyre pages. Do not exceed the maximum pressure!
- Ensure before use that all guards are in place and are not able to come loose.
- Connect the equipment to the ATV's tow bar ball coupling.
- Press grease into all grease nipples.

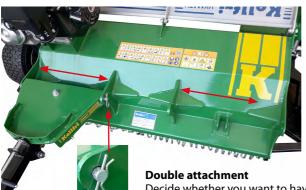
# IMPORTANT! TIGHTEN BOLTS BEFORE STARTING OPERATION AND AFTER THE FIRST DAY OF OPERATION!

#### **ADJUSTMENT OF TOW BAR**

The height of the tow bar attachment on the towing vehicle may vary. For adjustment of the settings, there is a screw rod under the tow bar. It should be lengthened or shortened so that the flail mower is horizontal on level ground. (This gives a more effective cutting performance.)

Screw/turn the rod: lengthen the rod to raise the tow bar or shorten to lower it (illustration 1)







**Lever.** Lateral adjustment of tow bar

Decide whether you want to have the tow bar assembled on the left or right side.

#### STARTING THE ENGINE

- 1. Read and understand the engine's operating manual before using the machine.
- 2. Observe all safety regulations: Keep hands and feet away from blades and other moving parts.
- 3. Ensure that bystanders are at a safe distance from the machine.
- 4. Ensure that there is space between the blades and the ground/grass.
- 5. Select an area free of loose objects that can be ejected.
- 6. Turn the fuel tap to ON. The lever is pulled to the right.
- 7. If the engine is cold = full choke, if the engine is warm = no choke. (Open the choke, the lever should be pulled to the right).
- 8. Turn the choke to the ON position and set at idling. The lever is pulled to the left. Allow the machine to run for a while until the blade shaft has come up to speed.
- 9. Hand operated start. Turn the engine switch to ON, see illustration 10. Pull the starting handle slowly until the mechanism engages, then pull the handle quickly. NOTE! Do not let go of the handle when the cord is pulled out, as there is a risk of it becoming tangled.
- 10. Electrical start. Turn the engine switch to START and hold until the engine starts. After starting the engine, turn it to ON. NOTE! It is important that you do not hold the engine switch in START too long. This can cause damage to the engine. In case of unsuccessful starting, wait 10 minutes before trying again.
- 11. Allow a few minutes for the engine to warm up while idling. Set the throttle at the factory setting for operation in order for the engine to have a normal working speed of max. 3600 rpm.

#### Fuel tap



Choke lever





#### **TURNING OFF THE ENGINE**

A. Pull the throttle control to the idling position and allow the engine to slow down.

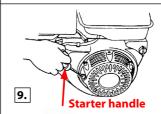
B. Allow the engine to idle for a while before turning the engine switch OFF.

C. Turn the fuel tap OFF. The lever is pulled to the left.

In an emergency, push the engine switch to the "OFF" position to stop.

#### WARNING!

Sudden stop at high speed under heavy load is prohibited. This may cause damage to the machine.





#### **ENGINE OIL ALARM**

The engine oil alarm is activated when the engine oil in the crankcase is low. Lack of engine oil can damage the engine. The engine stops automatically to avoid damage while the engine switch is still "ON".

#### WARNING!

If it is not possible to restart the engine, first check the engine oil level (See page 9.) before going to other check points.

#### **Electrical start**

The switch turns off automatically to protect the battery charging circuit in the event of a short circuit or incorrect connection of the battery terminals.

The green indicator in the switch pops out when the circuit is broken. After troubleshooting, press the switch button to turn on the switch.



# **Warning!**

Altering the accelerator setting to increase rpm above the recommendations given can invalidate the warranty. Cutting performance will decline, fuel consumption will increase and major vibrations may arise, leading to danger for persons and damage to equipment.

#### **DRIVING AND SPEED**

The amount of grass to be cut determines the forward speed; low speed usually produces the best results. Ensure that you follow the sequence below. **Normal speed:** 1 km/h for heavy work, 5 - 6 km/h for very light work. Start with the lowest possible speed; ensure that the flail mower is working effectively with the engine at maximum rpm without straining. (If this is not possible because of very tough cutting conditions, raise the cutting level and cut the same area twice, the second time with a lower cutting level. Allow at least 24 hours between first and second cutting to allow the grass to dry out.)

Increase the forward speed until the engine starts to labour, then slow down immediately and maintain a speed where the engine runs easily. It is important to always listen to the engine to be sure that the engine and flail mower are working effectively - slow down or stop if the engine starts to labour.



When changing from normal to heavier cutting, it is usual for the engine to start labouring with a drop in rpm. SLOW DOWN IMMEDIATELY so that the engine returns to normal rpm and speed. Follow the instructions above in "Normal speed". Expected speed is much lower when the machine is working hard.

FAILURE TO DO SO WILL RESULT IN THE POWER TRANSMISSION SLIPPING AND VERY SERIOUS DAMAGE TO THE CLUTCH AND DRIVE REITS.



### **WARNING!**

Driving diagonally on slopes is not recommended. Incorrect driving procedures can result in loss of control and overturning. Avoid driving diagonally on slopes unless absolutely necessary. \*Towing vehicle - info about driving, see the vehicle manual.

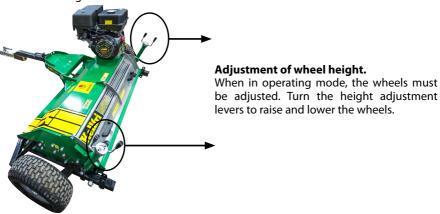
#### **ADJUSTMENT OF CUTTING HEIGHT**

The cutting height can be adjusted at three (3) places: the tow bar, the support roller and the wheels.

To raise or lower the cutting unit, adjust the following: raise or lower the wheels, raise or lower the tow bar and roller or the tow bar and wheels.

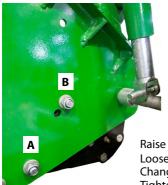
Adjust the height as follows:

**STEP 1** Wheels = Raise and lower the wheels by turning the levers. Check that both wheels are at the same height.

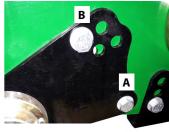




**STEP 2** Combination of Tow bar and Support roller = Lengthen the tow bar (screw/turn the turnbuckle) to raise the tow bar or shorten it to lower it.

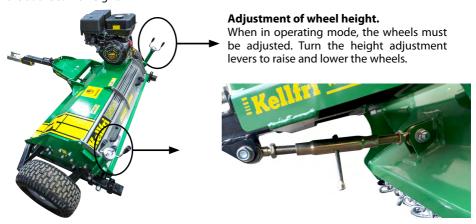


Raise the roller by loosening bolt, A. Loosen and remove bolt, B. Change to the desired hole and refit bolt, B. Tighten bolts, A and B. (Repeat the steps on both sides of the roller).



The picture shows the back.

**STEP 3** Combining Tow bar and Wheels: Raise or lower the tow bar exactly as described in the previous step. (Turn the turnbuckle in or out to shorten or lengthen the tow bar.) Raise the wheels by turning the levers on both sides of the machine. Check that both wheels are at the same height.



The skids should not drop and touch the ground. The skids are to support the machine over obstacles such as large stones or mounds of earth. If the skids touch the ground they will cause ground damage and deep grooves, and the flails will hit the ground.

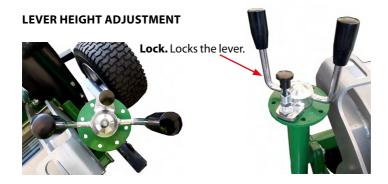


**IMPORTANT!** Operating speed should be adjusted to suit the prevailing cutting conditions. If the engine labours, the speed should be reduced. Be careful when operating on uneven ground.

#### TRANSPORT MODE

When the flail mower is to be moved from one workplace to another, it is advisable to raise the unit to the highest position, using a screw jack. (See section on cutting height.) The engine must be turned off and the blades must have stopped before changing to transport mode. Remove any loose material such as grass, etc. from the mower before leaving the field. Never move from one place to another with the engine running.

Please note that the flail mower is not legally authorised to use public roads. It should **not therefore be used on public roads.** Maximum driving speed is 30 km/h.



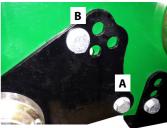
#### SUPPORT ROLLER AND SIDE SKIDS

The main purpose of the support roller and the side skids is to prevent damage. If one of the wheels runs down in one direction, or if there is uneven ground between the wheels, the roller takes the weight of the mower and thus prevents the blades from touching the ground. The support roller combined with the side skids gives the rotor good protection. The support roller has the additional advantage of allowing grass edge cutting, as the roller enables the wheels to hang outside the edge. The factory-set position of the roller and side skids is suitable for most situations. But if the flail mower is often used in slightly tougher terrain, the roller and side skids should be lowered to give increased ground clearance for the rotor and blades. When the flail mower is used for 'trimming', the roller can be raised by using the various holes to give the desired cutting height, and the wheels can be raised off the ground.

#### TO ADJUST THE SUPPORT ROLLER:



Raise the roller by loosening bolt, A.
Loosen and remove bolt, B.
Change to the desired hole and refit bolt, B.
Tighten bolts, A and B.
(Repeat the steps on both sides of the roller).



The picture shows the back.

#### Basic adjustment of skids:

Adjust the skids as protection for the flails, allowing the skids to be about 2 cm closer to the ground than the skids in their lowest position.

#### **TYRE PRESSURE**

Do NOT exceed the recommended tyre pressure. See info on sides of tyres for exact value.



RETIGHTEN BOLTS
AFTER A FEW HOURS
OF OPERATION!!!

#### INSPECTION OF ROTOR BEARINGS

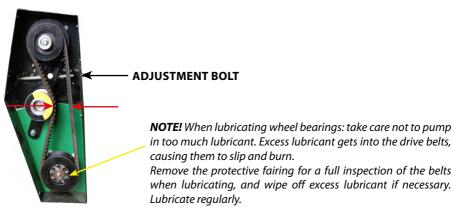
Turn the rotor axle by hand and feel for any unevenness in the bearings. Also try to move the axle from side to side to discover any looseness. If you discover any unevenness or looseness, remove the axle casings to inspect the bearings more closely.

#### INSPECTION OF OIL LEVEL IN ENGINE

When your mower is placed horizontally, open the oil filler plug and ensure that the oil level is up to the edge - see illustration.

#### INSPECTION OF COG BELT

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



#### INSPECTION OF WHEEL BEARINGS

First, ensure that all wheel nuts and bolts are sufficiently tightened. Raise one side of the flail mower so that one of the wheels is exactly above the ground. Turn the wheel by hand and check the wheel's position. To check the bearings, try to move the wheel from left to right and feel for any looseness. Replace bad bearings.

#### GREASING THE 50 MM TOW BAR COUPLING

Check the coupling for signs of damage or wear, swivel the coupling 36 degrees and check that the bushings are not worn. Replace damaged and/or worn parts.

Grease the ball coupling regularly.

#### **BLADE MAINTENANCE**

The flail mower is equipped with blades manufactured for a long service life. If a blade loosens or breaks, it is important to replace it immediately. If this is not done, imbalance may occur, which could have very serious consequences. When replacing the blade, the blade on the opposite side of the rotor must also be inspected for damage and wear. If it is partly or wholly worn, it must be replaced to maintain the correct weight balance. When the first cutting edge begins to become blunt, the entire set should be turned or replaced. Use of blunt blades reduces cutting performance and increases fuel consumption.

#### Blades must be replaced as follows:

A) Ensure that the engine is switched off and the blades are not rotating. Turn off the fuel tap and allow the engine to cool down for five minutes. Remove the spark plug to ensure that the engine cannot start.

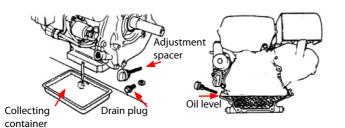
- B) Raise the mower to its maximum cutting height.
- C) Carefully raise the tow bar to a slightly inclined position so that the height adjustment bar can take some weight.
- D) Loosen and remove the bolts.
- E) Replace the blades. (Take note of the direction of rotation.)
- F) Screw the bolts tightly back in place and check that the blades move on the axle.

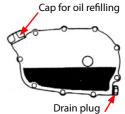
Never use worn, cracked or repaired shackles when replacing blades. Replace with new ones. For repairs in addition to the previously listed adjustments, contact your local dealer.



SERVICE	INTERVAL	MEASURE
Flails	Before each use	Replace all defective flails. Sharp blades give better results. When replacing blades, tighten bolts fully.
	While operating	Listen out for noises
	After each use	Check
Engine oil	Before each use	Check level
Volume: 1.1 L	10 hours of operation	Oil change + change oil filter Type: SAE15W-40
Rotor	After 20 hours of operation	Lubrication
Belts	Regularly	Belt tensioning The belt should move 20 mm under pressure.
Hydraulics	Before each use	Check that all hoses are intact, connected and leakproof.
Air filter	Before each use	Clean after 50 hours of operation or at least once a season.  If used in a dusty environment, clean regularly.  Do not use petrol for cleaning, may cause an explosion.
The equipment	After each use	Wash off earth and grass with water.

FAULT	MEASURE
The flail mower cuts unevenly or badly	Check that all flails are intact and firmly in position. Adjust the support roller and check that is in the correct position. Check the drive belts and tighten if necessary.
The cutting sound changes	Check the roller. Check the tension of the drive belts. Check the flails.
Vibrations	Check the flails.





#### **GREASE POINTS**





Lubricate the indicated grease nipples regularly, and every time you rinse off the machine, to remove the water that has penetrated into the bearings during the rinsing.

Inadequate lubrication can result in unnecessary wear and mechanical damage. Use a universal lubricant.

IMPORTANT! Avoid over-lubricating. Dirt collects easily on exposed grease and causes increased wear. After lubrication, wipe excess grease off from grease nipples and bearings.



**Lubricate the coupling**, otherwise the bearing will cut and the coupling will break. (*right and left side*)





#### **CHOKE - IDLING**



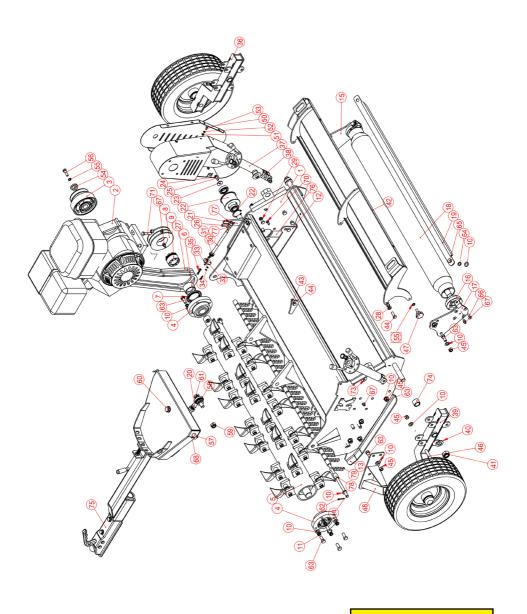
**Choke** Lever to left - choke OFF. Lever to right - choke ON.





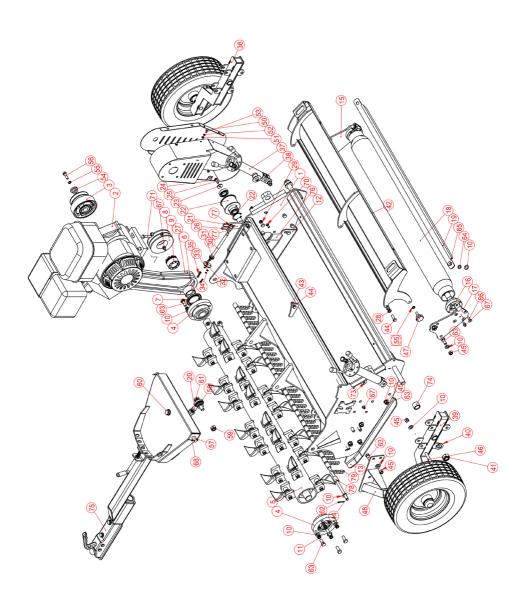
Idle. Adjustment screw.



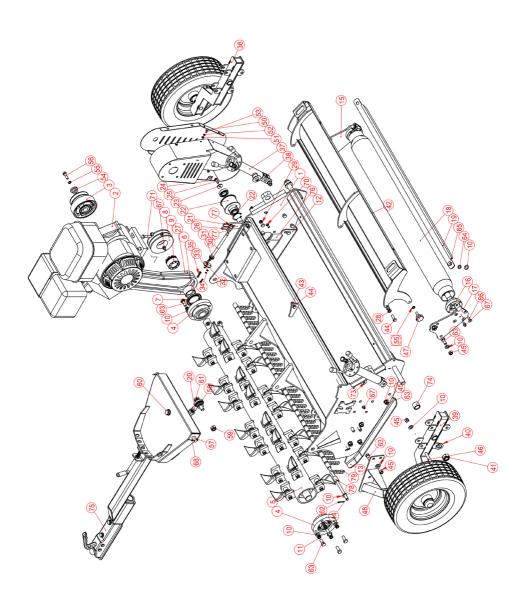


Item type L= Stocked item B= Order item

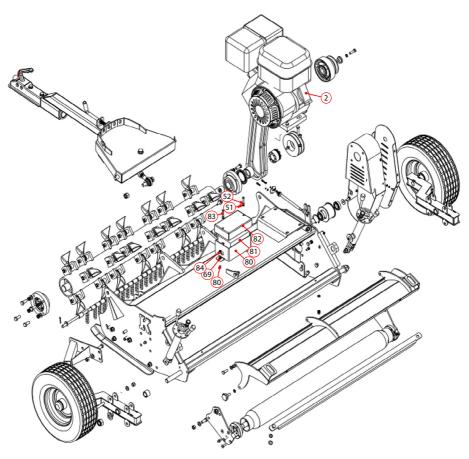
ITEM NO.	SPARE PART NO.	DESIGNATION	QUANTITY	ITEM TYPE
1	A-DIV	Guard	1	-
2	192F-2TD	Engine 15 hp	1	L
3	R35-VKMATV.009	Centrifugal-clutch	1	L
4	VKMATV150HXL.003	Bearing UC207 + bearing housing	2	L
5	A-DIV	Blade roller	1	-
6	R35-VKMATV.109	Pipe sleeve blade shaft	1	L
7	R35-VKMATVF.017	Radial seal 55x80x08	1	L
8	R35-VKMATVF.051	Belt pulley	1	В
9	A-DIV	-	-	-
10	VKM240L.022	Washer 12	30	L
11	VKM240L.029	Spring washer 12	8	В
12	R35-VKMATV.004	Skid shoe, right	1	L
13	R35-VKMATV.003	Skid shoe, left	1	L
14	VKMATV150HXL.024	Throttle shaft	1	L
15	VKMATV150HXL.009	Support roller and scraper holder right	1	L
16	R35-VKM175.003	Bearing UC205 + Bearing housing	2	L
17	VKMATV150HXL.010	Support roller and scraper holder left	1	L
18	VKMATV150HXL.012	Support roller	1	В
19	R35-VKMATV15.013	Scraping iron	1	L
20	VKMATV150HXL.015	Tow bar adjustment	1	L
21	R35-VKMATV.092.2	Belt tensioning (roller + bracket) 2017-	1	L
22	VKMATV150HXL.067	Tension wheel	1	L
23	R35-VKMATVF.066	Washer 8	1	В
24	VKM240L.092	Spring washer 8	3	В
25	A-DIV	Bolt M8 x 25	1	-
26	R <sub>35</sub> -VKMATVF.068	Adjustment nut	1	В
27	R35-VKMATV.028	V-belt BX42 Li1067	2	L
28	VKM240L.022	Flat washer 10x1	9	L
29	VKM240L.022	Washer	1	L
30	R35-VKMATVF.071	Adjustment screw	1	В
31	VKMATV150HXL.090	Bearing 51100	1	L
32	R35-VKMATVF.073	Washer	1	В
33	A-DIV	Flat washer 5	3	-
34	SV500E.165	Spring washer 5	3	В



ITEM NO.	SPARE PART NO.	DESIGNATION	QUANTITY	ITEM TYPE
35	A-DIV	Hex key M5x20	3	-
36	R35-VKMATV.082.2	Wheel holder right/left 2017-	1	L
37	R35-VKMATV.081.4	Complete crank 2019-	2	L
38	A-DIV	Inner tube	2	-
39	R35-VKMATV.082.2	Wheel holder right/left 2017-	1	L
40	VKMATV150HXL.028	Flat washer 22 39x24x3	2	L
41	VKMATV150HXL.034	Locking nut M20	2	В
42	A-DIV	Flap	1	-
43	A-DIV	Washer	-	-
44	R60-LOCKING SCREW.000	Locking screw (Allen) M10x1x10	3	L
45	VKMATV150HXL.049	Hex key M10x30	3	В
46	VKMATV150HXL.121	Hex key M12x65	4	В
47	R35-VKM195H2.007	Bakelite bolt M10-22	2	В
48	R35-VKMATV.106	Triangular stay	2	L
49	R35-VKMATV.119	Rear belt pulley cover plate	1	В
50	R35-VKMATV.118	Front belt pulley cover plate	1	В
51	VKM240L.022	Washer 6	6	L
52	VKM240L.092	Spring washer 6	6	В
53	A-DIV	Hex key M6x16	6	-
54	R35-VKMATVF.075	Sleeve upper belt pulley	1	L
55	VKMATV150HXL.079	Spring washer 10	3	В
56	R13-WC08.032	Countersunk screw Allen M10x35	1	L
57	VKMATV150HXL.023	Shaft	1	В
58	VKMATV150HXL.123	Flat washer 16	3	L
59	R35-SK140.008	Hex lock nut M16	3	L
60	VKMATV150HXL.032	Hex key M16x90	2	В
61	VKMATV150HXL.054	Hex key M16X70	2	В
62	VKMATV150HXL.055	Cotter pin 4x25	2	В
63	R35-VKM195H2.028	Hex key M12x30	23	В
64	VKMATV150HXL.030	Spring washer 12	2	В
65	A-DIV	Hex key M12x25	2	-



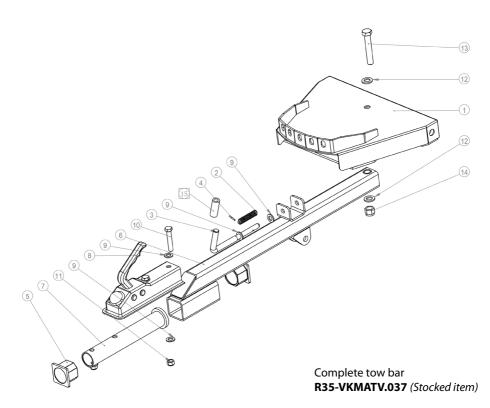
ITEM NO.	SPARE PART NO.	DESIGNATION	QUANTITY	ITEM TYPE
66	VKM240L.032	Screw with recessed head M8x25	8	L
67	R35-VKMATVF.019	Grease nipple M8-1	4	В
68	SR620.068	Cotter pin 5x28	2	В
69	A-DIV	Flat washer 8	2	-
70	A-DIV	Hex key M8x16	2	-
71	A-DIV	Hex key M10x45	4	-
72	R60-LOCKING SCREW.000	Locking screw (Allen) M10x1x10	4	L
73	A-DIV	Hex lock nut M10	2	-
74	R35-VKMATVF.074	Spacer	2	В
75	VKMATV150HXL.019	Connection arm	1	L
76	VKM280N.066	Fender	1	L
77	VKMATV150HXL.033	Hex lock nut M12	2	L
78	VKMATV150HXL.151	Spacer sleeve PVC	-	В
79	VKMATV150HXL.150	Chain	-	L



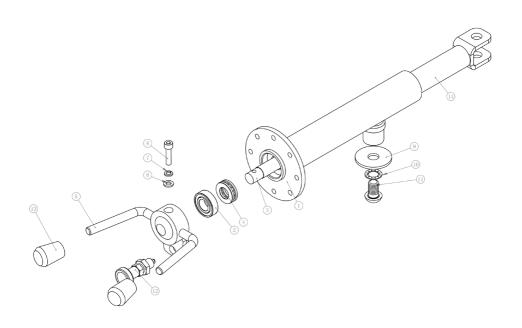
ITEM NO.	SPARE PART NO.	DESIGNATION	QUANTITY	ITEM TYPE
2	R35-VKMATV15.001	Engine	1	L
51	VKM240L.022	Washer 6	-	L
52	VKM240L.092	Spring washer 6	-	В
69	A-DIV	Flat washer 8	-	-
80	-	Battery box	1	-
81	-	Battery	1	-
82	-	Battery box cover	1	-
83	-	Hex key M6x50	2	-
84	-	Hex lock nut M8	2	-
85	-	Hex key M8 x 20	2	-

Starter battery

R35-VKMATV15.016 (Stocked item)

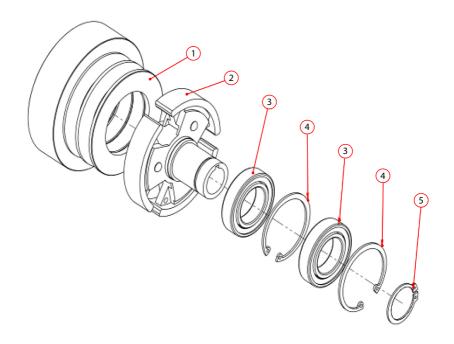


ITEM NO.	SPARE PART NO.	DESIGNATION	QUANTITY	ITEM TYPE
1	VKMATV150HXL.112	Protective guard	1	В
2	VKMATV150HXL.113	Spring	1	L
3	VKMATV150HXL.114	Lock handle	1	L
4	VKMATV150HXL.115	Elastic cylindrical pin 3x22	1	В
5	VKMATV150HXL.116	Bushing	2	L
6	VKMATV150HXL.117	Tow bar attachment	1	L
7	VKMATV150HXL.118	Axle tube for tow bar	1	L
8	SR620.036	Trailer casing	1	L
9	VKM240L.022	Washer 12	6	L
10	VKMATV150HXL.121	Bolt M12x65	2	В
11	VKMATV150HXL.033	Locking nut M12	2	L
12	VKMATV150HXL.123	Washer 16	2	L
13	VKMATV150HXL.124	Bolt M16x85	1	В
14	R35-SK140.008	Locking nut M16	1	L
15	VKMATV150HXL.126	Control handle 11x55	1	В

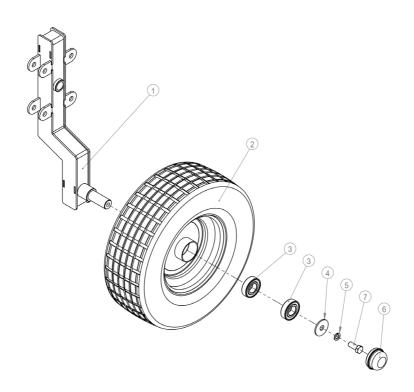


ITEM NO.	SPARE PART NO.	DESIGNATION	QUANTITY	ITEM TYPE
1	A-DIV	Outer tube	1	-
2	R6o-SGH35	Circlip SGH35	1	L
3	A-DIV	Threaded rod	1	-
4	VKMATV150HXL.090	Bearing 51100	1	L
5	A-DIV	Adjustment handle	1	-
6	VKM240L.022	Washer 6	1	L
7	VKM240L.092	Spring washer 6	1	В
8	A-DIV	Screw with hexagonal sleeve M6x25	1	-
9	R35-VKMATVF.066	Washer 12	1	В
10	A-DIV	Inner serrated locking washer 12	1	-
11	VKMATV150HXL.089	Hex key M12x20	1	L
12	R35-VKMATV.117	Pin M12X1.5	1	L
13	A-DIV	Handle sleeve M10x32	2	-
14	A-DIV	Inner tube	1	-

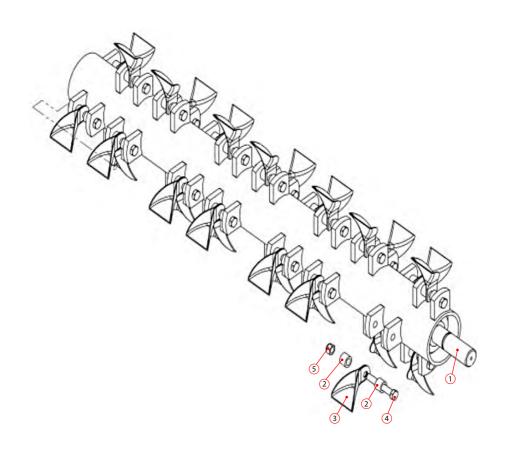
Complete crank 2019-R35-VKMATV.081.4 (Stocked item)



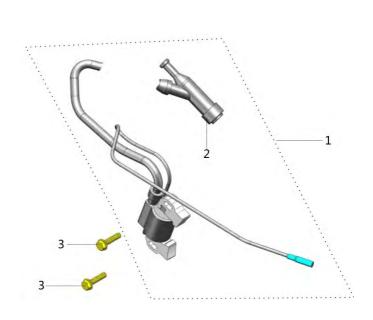
ITEM NO.	SPARE PART NO.	DESIGNATION	QUANTITY	ITEM TYPE
1	R <sub>35</sub> -VKMATV.008	Belt pulley upper	1	L
2	R35-VKMATV.009	Centrifugal-clutch	1	L
-	VKMATV150HXL.060	Belt pulley without coupling	-	L
3	VKMATV150HXL.062	Bearing 6007	2	L
4	R60-SGH62	Clamp ring	2	В
5	R6o-SGH35	Circlip SGH35	1	L



ITEM NO.	SPARE PART NO.	DESIGNATION	QUANTITY	ITEM TYPE
1	R35-VKMATV.082.2	Wheel holder right/left 2017-	1	L
2	R35-VKMATV.002	Wheel, 16x6. 5-8	1	L
3	R10-6205-2Z	Wheel bearing	2	L
4	R <sub>35</sub> -VKMATVF.066	Washer 12	1	В
5	VKMATV150HXL.030	Spring washer 12	1	В
6	VKMATV150HXL.116	End cover	1	L
7	R35-VKM195H2.028	Bolt M12x30	1	В



ITEM NO.	SPARE PART NO.	DESIGNATION	QUANTITY	ITEM TYPE
1	VKMATV150HXL.023	Shaft	1	В
2	R35-VKMATV.115	Distance to Y-stroke	-	L
3	R35-VKMATV.001	Hammer flail 72 mm/143 g	32	L
4	R35-VKMATV.010	Hex key M12x80	32	L
5	VKMATV150HXL.122	Hex lock nut M12 120H	32	L

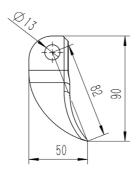


ITEM NO.	DESIGNATION	QUANTITY
1	Ignition coil	1
2	Spark plug	1
3	Bolt M6 x 25	2

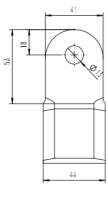
#### **FLAILS**

The product is supplied with hammer flails.

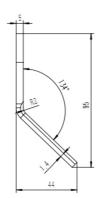
The possibility of replacing them with Y-flails is available as an option.

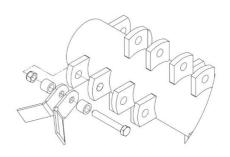


Hammer flail - article no.: **R35-VKMATV.001** Spacer - article no.: **R35-VKMATV.115** 

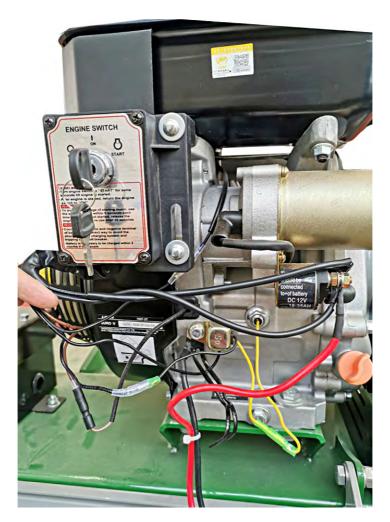








Y-flails - article no.: **R35-VKMATV.113** Spacer - article no.: **R35-VKMATV.115** 

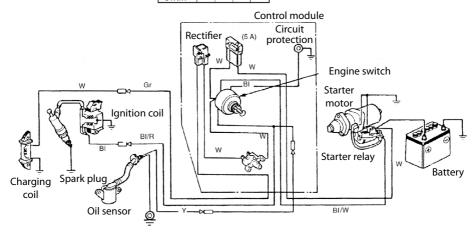


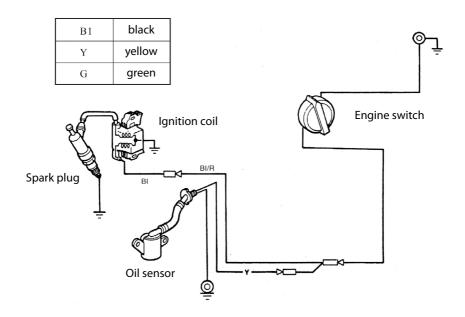


#### **ELECTRICAL DIAGRAM (electrical start)**

В1	black	Gr	grey
Y	yellow	R	red
W	white	G	green

	IG	Е	ST	BAT
0FF	d	9		
ON				
START			0	0

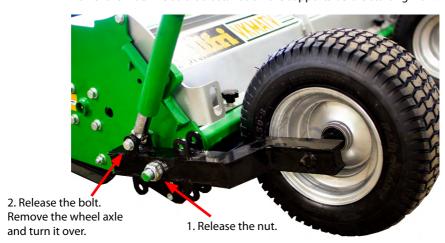




Mount wheels behind to get compliance on the sides. (The pictures show without electric start.)



Lower the machine so that it stands on the supports before starting work.







#### **CHEMICALS**

To maximise the service life of a product/equipment, maintenance - and not least preventive maintenance - is important, and this is largely what greases and oils do. Carefully read the operating manuals for your new products or equipment to ensure correct maintenance and service life and that the warranty remains valid!

#### Lubricating grease

First aid measures.

**Inhalation** - In the event of unintended inhalation of fumes, move the injured person into fresh air.

**Skin contact** - Wash with soap and water. Contact a doctor in the event of eczema or skin complaints.

**Eye contact** - Remove contact lenses, if any, before rinsing. Rinse thoroughly with large amounts of water, including under the eyelids. Contact a doctor if discomfort remains.

**Ingestion** - DO NOT induce vomiting. Drink water in small quantities. In the event of ingestion or discomfort, contact the poison information service or a doctor.

**Hand protection** - Wear protective gloves.

**Eye protection** - Avoid contact with eyes. Wear approved protective goggles.

**Body protection** - Suitable protective clothing.

**Respiratory protection** - No protection is necessary during normal handling.

Grease should be stored well sealed in a cool place in a well-ventilated area. Storage temperature must not exceed 45°C. Keep away from heat, flames and sparks. The function and strength of materials such as steel, plastic, oils, grease, etc. deteriorates considerably at very low temperatures (-20 to -30°C).



Keep chemicals out of the reach of children and animals.

#### Degreasing

To ensure the best lubricating effect, you need to clean parts of the product or equipment from time to time. We recommend degreasing to achieve thorough cleaning and to remove all residues of old lubricant, which may contain destructive particles.

#### ENVIRONMENT



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- Disposal of oil and other waste
- Improper disposal of oil or other waste may be hazardous to the environment.
- When oil is emptied from the machine, it must be poured into a leak-proof container suitable for oil. It is not permissible to store oil in a container used for food or drink, in order to avoid the oil being consumed by mistake and causing serious injury.
- It is prohibited to spill oil on the ground, or pour it into a drain or anywhere leading to a water source.
- Discarded oil, fuel, coolant, brake fluid, filters and batteries must not be thrown away or emptied in just any manner. Contact your local authority for further information.

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#### DEVIATION FORM

We are grateful for your help in pointing out any defects in the product supplied to you by Kellfri. Before making a claim, read Kellfri's general purchase terms and conditions in our catalogue or on our website www.kellfri.co.uk, and in the operating manual if supplied. The manual can also be downloaded from manual.kellfri.co.uk

Please fill in the details below and attach photos as documentation so that we can process your case optimally. In order for us to get as good an understanding as possible of any faults, please take at least 3 photos of the defective part of the machine/ equipment and 1 picture on the type plate. (NB! Do not forget to attach the pictures to the e-mail when you send the form!) If the product was purchased from a dealer, please contact the dealer in the first instance.

Purchaser**:		Customer number**:			
Address**:	Invoice number:				
E-mail**:		Daytime telephone*	**:		
When was the product supplied?	When was the produ operation?	ct put into		e product working on de ES NO	livery?
Product name/article number**:	REA	ASON	YES	REASON	YES
	(11)	Transport damage*		(05) Wrong price	Ħ
Serial number:	(09)	Product complaint*		(02) Ordered by mistake/	Ħ
oona nambor.	(04)	Wrong goods delivered		Charge-back	$\vdash$
	(03)	Wrong quantity		(99) Other reason*  * Fill in form below	
Description of fault**:				Required fields**	
Miscellaneous:					
Miscellaneous:					
Miscellaneous:  Customer's signature:		Date	e:		
Customer's signature:		Date	e:		
			e: oice num	nber:	
Customer's signature: o be filled in by the dealer			oice nun	nber:	



Send the claim form and photographs to: Kellfri AB Service department Storsvängen 2 SE-532 38 Skara, Sweden

Or e-mail Service: service@kellfri.co.uk

KELLFRI AB Storsvängen 2 SE-532 38 SKARA, SWEDEN

Tel. Fax: E-mail:

+46 511 242 50 +46 511 168 33 Website: www.kellfri.co.uk info@kellfri.co.uk 20230602

#### WARRANTY TERMS AND CONDITIONS

- Kellfri's warranty is valid for 12 months from the date of purchase. The warranty's validity

The warranty covers - Reimbursement for parts replaced after a material fault

or manufacturing fault has been verified.

The warranty - Labour costs does not cover - Travel costs

- A machine that the purchaser himself has modified,

or has been modified by a third party.

- Any additional costs arising as a result of damage to the machine.

- Damage due to normal wear and tear of the machine, substandard servicing, the user's inexperience or use

of spare parts that are not original.

- Wear parts such as hoses, seals, oil and belts.

#### ECDECLARATION OF CONFORMITY FOR MACHINERY, ORIGINAL



Hereby declares that the machine

Name: 35-VKMATV150H2

Type: Flail mower ATV with flap, electrical start-up

Conforms with all applicable requirements in the Machinery Directive 2006/42/EC. Other equipment must comply with the Machinery Directive's requirements.

**Kjell Johansson** 

Product Development Manager

#### CUSTOMER SERVICE

You are always welcome to give feedback or ask us about our equipment and products. Kellfri AB has a policy of continuous product development and therefore reserves the right to make modifications, e.g. to the design and appearance of the product, without prior notice.

