

Please, read this manual  
before use!

Manual



## GASOLINE TILLERS

KS 7HP-850A

KS 7HP-950A

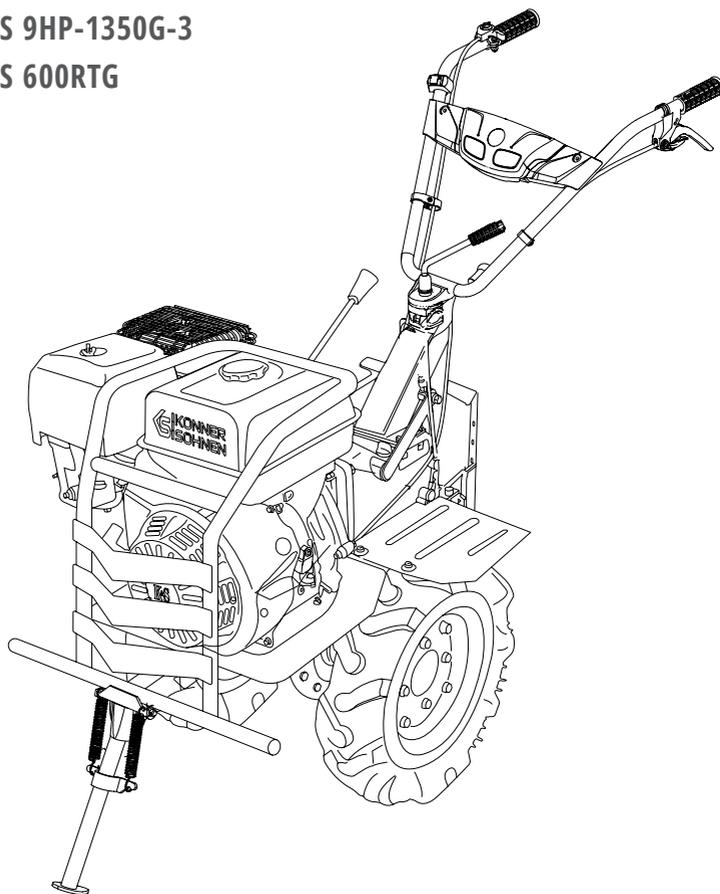
KS 7HP-950S

KS 7HP-1000G

KS 7HP-1050G

KS 9HP-1350G-3

KS 600RTG





We are grateful to you for your purchase of **Könner & Söhnen®** series gasoline tiller. This manual contains safe working recommendations, operation and adjustment description of these tillers and maintenance instructions. More information can be found on the official manufacturer's website in the support section: [konner-sohnen.com/manuals](http://konner-sohnen.com/manuals)

All data, specified in this operation manual is the most up to date for the moment of its publishing. At the end of this manual, you may find contact information which you are free to use in case of any issues occurrence.



*We care about the environment, therefore, we consider it expedient to save paper and leave in print a short description of the most important sections.*



**Be sure to read the full version of the manual before getting started!**



Manufacturer reserves the right to make alterations into the tillers, which may not be reflected in this manual. Pictures and photos of the product may vary from its actual appearance.

More information and contacts can be found on the website: [www.konner-sohnen.com](http://www.konner-sohnen.com)

*Safety symbols and description of inscriptions can be found in the full web version of the manual.*

## OVERVIEW AND COMPONENTS

# 1

**KS 7HP-850A** – see picture 1 and picture 2 in the Appendix.

Fig. 1

1. Wing
2. Powerful engine
3. Panel Operator
4. Engine speed control
5. Clutch handle
6. On/off switch
7. Gear housing
8. Transport wheels
9. Coulter
10. Blade (24 pcs)

Fig. 2

1. Silencer with a protective grill
2. Air filter
3. Fuel tank
4. Fuel tank cap
5. Manual starter

**KS 7HP-950A, KS 7HP-950S** – see picture 3 and picture 4 in the Appendix.

Fig. 3

1. Transport wheel for the model KS 7HP-950A (support leg for the model KS 7HP-950S)
2. Engine
3. Steering column
4. Operator panel position adjustment lever about 360° (for the model KS 7HP-950S)
5. Operator panel
6. Engine speed control
7. On / off switch
8. Clutch handle

Fig. 3

9. Tool case (for the model KS 7HP-950S)
10. Gear lever
11. Coulter
12. Gear housing
13. Wing
14. Blade – 32 pcs.
15. Pneumatic wheels (only for model KS 7HP-950S included; optional accessory for model KS 7HP-950A)

Fig. 4

1. Air filter
2. Silencer with a protective grill
3. Fuel tank
4. Fuel tank cap
5. Oil filler cap

6. Oil drain screw
7. Manual starter
8. Fuel valve
9. Air damper

**KS 7HP-1050G, KS 9HP-1350G-3** – see picture 5 and picture 4 in the Appendix.

- |        |   |                                     |
|--------|---|-------------------------------------|
| Fig. 5 | 1. Parking leg bracket                                | 8. Tool case                        |
|        | 2. Engine   | 9. Operator panel                   |
|        | 3. Gear lever   | 10. Operator panel adjustment lever |
|        | 4. On / off switch                                    | 11. Coulter                         |
|        | 5. Adjusting the engine speed                         | 12. Wing                            |
|        | 6. Clutch handle                                      | 13. Pneumatic wheels                |
|        | 7. Additional clutch handle for model<br>KS 7HP-1050G | 14. Blade                           |

**KS 7HP-1000G** – see picture 6 and picture 4 in the Appendix.

- |        |                                    |                      |
|--------|------------------------------------|----------------------|
| Fig. 6 | 1. Transport wheel                 | 7. Operator panel    |
|        | 2. Engine                          | 8. Coulter           |
|        | 3. Operator panel adjustment lever | 9. Wing              |
|        | 4. Adjusting the engine speed      | 10. Pneumatic wheels |
|        | 5. On / off switch                 | 11. Blade            |
|        | 6. Clutch handle                   |                      |

**KS 600RTG** – see picture 7 and picture 4 in the Appendix.

- |        |                               |                                   |
|--------|-------------------------------|-----------------------------------|
| Fig. 7 | 1. Adjusting the engine speed | 8. Fastening of a steering column |
|        | 2. Movement control knob      | 9. Engine                         |
|        | 3. Blade control knob         | 10. Engine protection             |
|        | 4. The inner part of the wing | 11. Steering column               |
|        | 5. The outer part of the wing | 12. Coulter                       |
|        | 6. Clutch handle              | 13. Blade                         |
|        | 7. On / off switch            | 14. Wheels                        |



**Illustrations are for reference only and may vary with the cultivator model.**



## SAFETY TECHNIQUE

2

Before operating the tiller, please read carefully the operating instructions. Do not allow other people and children to use the device. Do not use the appliance in close proximity to the work area of adults, children and animals – the responsibility for accidents and property is borne by the tiller user. The Könnér & Söhne gasoline tiller meets the safety requirements of the current European standards. In no case do any changes to the design of the appliance.

### WARNING THESE REQUIREMENTS FOR WORKING WITH THE TILLER:

1. Read this manual before starting to work with equipment. Keep it for the future, follow the recommendations contained in it, as this will help prevent injury and damage to the device.
2. Familiarize yourself with the tiller management and its functions. In the event of unforeseen circumstances, the operator must know how to stop the tiller's working parts and its engine.
3. The operator of the device must be in good physical and mental state, must be able to quickly make decisions if necessary. It is forbidden to work with a tiller after drinking alcohol, drugs or taking medications that can slow down the reaction.
4. The tiller is intended for use with soil during sowing, as well as for the care and treatment of plants. The use of a tiller for other purposes is forbidden.

### WORKING WITH THE TILLER

The device must be turned on according to the instructions in this manual. Ensure that the tiller is safely spaced from the legs. Do not place your feet or hands on rotating items or underneath them. In order to lift the device, two people have to take up the handle and the tiller shafts. Wear special gloves for protection of hands and protective shoes, do not work with a tiller in an open shoe.

**BE CAREFUL!**

- Keep clean engine and exhaust pipe in order to avoid burning. Carefully check them for the absence of leaves, grass and leaks of oil or fuel.
- Be careful with the rotating parts. Do not touch the mill when rotated.



**The fuel contaminates the earth and groundwater. Do not allow gasoline to run out of the tank!**



**Warning! Stop the engine before refueling, transporting and if the unit is unattended.**

*The operating conditions of the device, storage and transportation can be found in the full web version of the manual.*

## SPECIFICATIONS

3

Tiller	KS 7HP-850A	KS 7HP-950A	KS 7HP-950S
Engine model	KS 240	KS 240	KS 240
Engine power, HP	7,0	7,0	7,0
Nominal power, kW	4,0	4,0	4,0
Engine capacity, cm <sup>3</sup>	212	212	212
Engine type	gasoline		
Tilling width, cm	≤ 80	≤ 108	≤ 108
Tilling depth, cm	≤ 31	≤ 31	≤ 31
Fuel tank volume, l	3,6	3,6	3,6
Crank case volume, l	0,6	0,6	0,6
Transmission case volume, l	-	1,2	1,2
Engine start	manual		
Drive type	belt-driven		
Forward speed	+1 0	+2 +1 0 -1	
Blades (sets/psc)	2x3x4 / 24	2x4x4 / 32	
Reverse	-	+	+
Adjustable handles	-	vertical	vertical/horizontal
Noise level Lpa (7m)/Lwa, dB	73/98		
Dimensions (LxWxH), mm	690x380x770	845x460x660	780x460x780
Net weight, kg	52	62	80

The optimum operating conditions are ambient temperature of 17-25°C, barometric pressure of 0.1 MPa (760 mm Hg), and relative humidity of 50-60%, Altitude (MAX), ≤ 300 m. Under such ambient conditions, the generator can guarantee maximum performance in terms of the stated specifications. In case of deviations from the above ambient values (altitude above sea level, temperature, pressure) the performance of the generator can be different.

Tiller	KS 7HP-1000G	KS 7HP-1050G	KS 9HP-1350G-3	KS 600RTG
Engine model	KS 240	KS 240	KS 290	KS 240
Engine power, HP	7,0	7,0	9,0	7,0
Nominal power, kW	4,0	4,0	6,0	4,0
Engine capacity, cm <sup>3</sup>	212	212	270	212
Engine type	gasoline			
Tilling width, cm	≤ 109	≤ 108	≤ 134	≤ 58
Tilling depth, cm	≤ 31	≤ 35	≤ 35	≤ 15
Fuel tank volume, l	3,6	3,6	6,0	3,6
Crank case volume, l	0,6	0,6	1,1	0,6
Transmission case volume, l	1,2	1,2	1,5	2
Engine start	manual	manual	manual	manual
Drive type	direct drive with gearbox			
Forward speed	+2 +1 0 -1	+2 +1 0 -1	+3 +2 +1 0 -1	+1 0 -1
Blades (sets/psc)	2x4x4 / 32	2x4x4 / 32	2x5x4 / 40	2x2x3 / 12
Reverse	+	+	+	+
Adjustable handles	vertical	vertical/horizontal	vertical/horizontal	vertical
Noise level Lpa (7m)/Lwa, dB	73/98	73/98	73/98	73/98
Dimensions (LxWxH), mm	845x460x660	910x460x690	910x570x750	1170x570x440
Net weight, kg	70	83	94	65

The optimum operating conditions are ambient temperature of 17-25°C, barometric pressure of 0.1 MPa (760 mm Hg), and relative humidity of 50-60%, Altitude (MAX), ≤ 300 m. Under such ambient conditions, the generator can guarantee maximum performance in terms of the stated specifications. In case of deviations from the above ambient values (altitude above sea level, temperature, pressure) the performance of the generator can be different.

## COMPOSITION

## 4

1. Tiller – 1 pc.
2. Number of blades for mills:  
KS 7HP-850A – 24 pcs.  
KS 7HP-950A – 32 pcs.  
KS 7HP-950S – 32 pcs.  
KS 7HP-1000G – 32 pcs.  
KS 7HP-1050G – 32 pcs.  
KS 9HP-1350G-3 – 40 pcs.  
KS 600RTG – 12 pcs.
3. Coultter – 1 pc.
4. Support leg  
(for models KS 7HP-950S,  
KS 7HP-1050G, KS 9HP-1350G-3) – 1 pc.  
Transport wheel (for models  
KS 7HP-850A, KS 7HP-950A, KS 7HP-1000G) – 1 pc.
5. Gear housing (for models KS 7HP-950A, KS 7HP-950S,  
KS 7HP-1050G, KS 7HP-1000G, KS 600RTG) – 1 pc.
6. Console – 1 pc.
7. Side protectors – 2 pcs.
8. Control panel – 1 pc.
9. Pneumatic wheels (for model KS 7HP-950S,  
KS 7HP-1050G, KS 7HP-1000G,  
KS 600RTG,  
KS 9HP-1350G-3) – 2 pcs.
10. A set of fasteners and tools – 1 pc.
11. Manual – 1 pc.
12. Packing – 1 pc.
13. Reflective stickers for front grille  
(for model KS 9HP-1350G-3) – 6 pcs.





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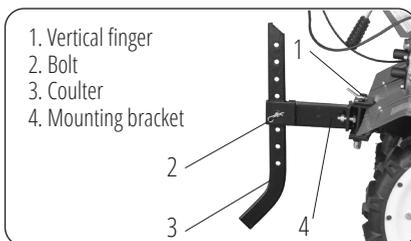
### KS 7HP-600RT-G MODEL ASSEMBLY

1. Remove the cultivator from the box.
2. Install the wheels and fix them by means of a pin.
3. Place the blades on the cutter. Pay attention to the direction of rotation of the cutter.
4. Install the couler (depth level).
5. Install the protective wings and secure with screws.
6. Install a steering column and fix it with a pin.
7. Install the operator panel and secure with screws.

### COULTER (for models KS 7HP-850A, KS 7HP-950A, KS 7HP-950S)

To adjust the depth of the plow in the tiller there is a couler. It is regulated by moving it up and down with an elongated clamp. The more depth the couler gets, the greater the depth of processing the earth.

Secure the coil holder (4) with the vertical pin (1), insert the coil (3) into the bracket, adjust the height using a bolt (2).



**KS 7HP-850A, KS 7HP-950A, KS 7HP-950S** – see picture 8 in the Appendix.

**KS 7HP-1000G, KS 7HP-1050G, KS 9HP-1350G-3** – see picture 9 and picture 10 in the Appendix.

### MOUNTING THE RUBBER WHEEL

Attach the wheels to the tiller by inserting the fasteners into the corresponding axle holes (see picture 11 in the Appendix).

**KS 7HP-1000G, KS 7HP-1050G, KS 600RTG, KS 9HP-1350G-3** – see picture 12 in the Appendix.

### ASSEMBLY OF THE TRANSPORT WHEEL (for models KS 7HP-850A, KS 7HP-950A, KS 7HP-1000G)

For cultivator models equipped with a front caster, attach the caster to the cultivator frame using bolts. See picture 13 in the Appendix:

1. Spinnette and finger
2. Cultivation
3. Transportation

For the KS 7HP-850A cultivator model, connect the two pins with a spring.

To move, lower the wheel down and fix it with the mounting pin. Raise the steering wheel so that the tiller is easy to roll on the ground. Before starting ground treatment turn the wheel in the raised position and lock it with a pin.

### BLADES ASSEMBLING

The product comes with the blades.

The number of blades (24 pcs, 32 pcs, 40 pcs) varies with the tiller model.

1. For model KS 7HP-850A, cutters are assembled in three sections with four blades each.
2. For model KS 9HP-1350G-3, cutters are assembled in five sections with four blades each.

3. For models KS 7HP-1000G, KS 7HP-950A, KS 7HP-950S, KS 7HP-1050G cutters are assembled in four sections with four blades each, for model KS 600RTG cutters are assembled in three sections with two blades each.

**KS 7HP-850A, KS 7HP-1000G** – see pictures 14-17 in the Appendix.

Series No. = pcs	1 = 24	2 = 24	3 = 24	4 = 24	5 = 4	6 = 4	7 = 12
	8 = 12	9 = 2	10 = 2				

When attaching the blades, always pay attention to the position of the cutting edge of the blades. It should face the direction of travel of the tiller. Cutters are secured with bolts. The disk is connected to the main structure using a bolt.

**KS 600RTG** – The cutting edge of the blade should rotate in the direction of power, secure the cutters with a 8 × 50 shaft pin and an R pin;



KS 600RTG

**KS 7HP-950A** – see pictures 18-20 in the Appendix.

Series No. = pcs	1 = 24	2 = 24	3 = 24	4 = 4	5 = 4		
	8 = 2	9 = 2	10 = 16	11 = 16			

**KS 7HP-1050G, KS 9HP-1350G-3** – see picture 21 in the Appendix.

**KS 7HP-950S** – see picture 22 and picture 23 in the Appendix.

Series No. = pcs	1 = 24	2 = 24	3 = 24	4 = 4	5 = 4	6 = 2	7 = 2
	8 = 2	9 = 2	10 = 16	11 = 16			

## OPERATOR'S PANEL

**KS 7HP-850A** – first attach the operator's panel to the steering column using the fixing bolts, then attach the engine speed control ( see picture 24 in the Appendix).

**KS 7HP-950A** – see picture 25 in the Appendix.

**KS 7HP-950S, KS 7HP-1050G, KS 9HP-1350G-3** – attach the operator's panel to the steering column using the fixing bolt (see pictures 26-28 in the Appendix).

## TRANSMISSION COVER

Attach the transmission cover to the tiller by inserting the fasteners into the corresponding holes (see pictures 29-31 in the Appendix).

**KS 7HP-850A** – see picture 29 in the Appendix.

**KS 7HP-950A** – see picture 30 in the Appendix.

**KS 7HP-950S** – see picture 31 in the Appendix.

## FENDERS

Attach the fenders to the tiller frame by inserting the fasteners into the corresponding holes (see pictures 32-34 in the Appendix).

**KS 7HP-850A** – see picture 32 in the Appendix.

**KS 7HP-950A, KS 7HP-950S** – see picture 33 in the Appendix.

**KS 7HP-1050G, KS 9HP-1350G-3** – see picture 34 in the Appendix.

## SUPPORT LEG

Attach the tiller's support leg to the bracket by inserting the fasteners into the corresponding holes (see pictures 35-37 in the Appendix).

KS 7HP-950A – see picture 35 in the Appendix.

KS 7HP-950S – see picture 36 in the Appendix.

KS 7HP-1050G, KS 9HP-1350G-3 – see picture 37 in the Appendix.

## OPERATION INSTRUCTION

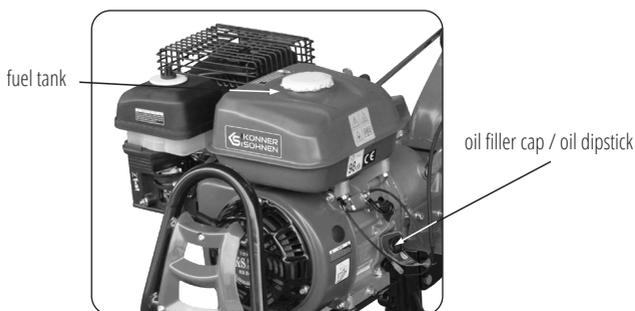
6



**IMPORTANT!**



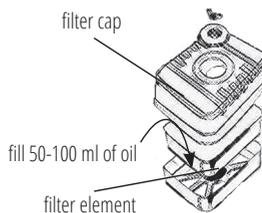
**The tiller is supplied without oil and fuel. Before first start-up, be sure to fill in the oil and refuel the device! Use a funnel to refuel.**



## COMMISSIONING

During the commissioning:

1. Fill the crankcase with engine oil SAE 10W-30 or SAE 10W-40.
2. Fill the transmission case (except model KS 7HP-850A) with SAE 75W-90, SAE 80W-90 or SAE 85W-90 grade oil to the level specified for a given model. Be sure to check the oil level with an oil dipstick, as the device may contain residual oil after a production check. Do not exceed the recommended amount of oil!
3. Fill the fuel tank with gasoline.
4. Unscrew the air filter cover and fill 50-100 ml of engine oil into the air filter separator. Package contents may vary. For an engine with a paper filter, there is no need to fill the separator with engine oil.



## USEFUL TIPS

1. To determine the tilling depth, use the coulter at different heights. With the coulter driven deeper into the soil, the cutters also go deep into the soil and the movement of the device forward slows down considerably.
2. The tiller speed is determined by adjusting the engine speed. The cutters go deep into the soil with the device in the fixed position.
3. To speed up the tiller movement, adjust the coulter higher to lift the cutters.
4. Immediately release the clutch lever when the tiller is blocked by foreign objects. Stop the engine, remove obstacles and check the tiller for deformation and damage. Replace damaged parts as necessary.

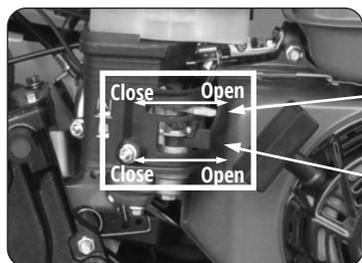
## FUEL AND ENGINE OIL

**Only unleaded gasoline is recommended for the tiller.** Gasoline should be fresh. Use a funnel (not supplied) for best device filling.

The tiller also can not run without oil, so fill it before the first launch. Set the device on a flat horizontal surface, open the tank with oil and pour oil to the minimum mark and add fresh oil to the mark between MIN and MAX. Use the probe to check the oil level. Oil level must be constantly monitored. Do not let excess of oil and its lack. Information on used motor oil can be found in the technical characteristics of the tiller.

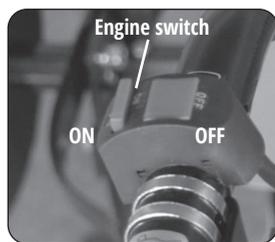
## STARTING THE ENGINE

Before starting the engine, make sure the switch is in position I (ON) (see the pictures below). Turn the rotary engine speed dial to MAX. Damper motor switch to position CHOKE. Grasp the starter handle and slowly pull it to the emergence of resistance, then sharp fast motion pull starter all the way. Repeat the operation until the engine starts. After starting the engine let the rope to entangle on trigger without throwing the starter handle. Put the flaps in position RUN.

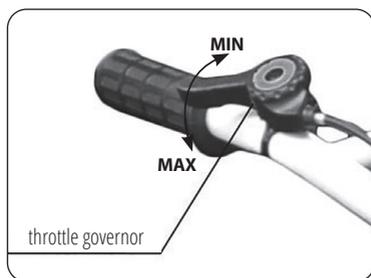


air damper

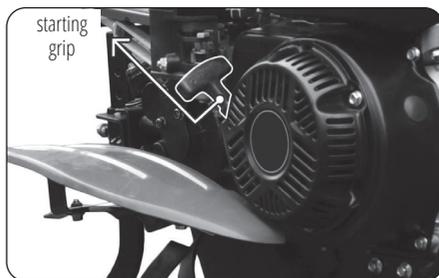
fuel valve



The engine switch is located on the control panel handle.

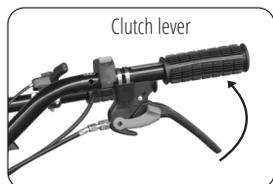


throttle governor



## FORWARD MOVEMENT

1. Set the gearshift lever to the "+1" or "+2" or "+3" position.
  2. Gently press the red fuse (near the clutch lever), press and hold down the clutch lever ( see picture).
- For model KS 7HP-1050G – see Fig. 5 on Section 7 in the Appendix..



## CLUTCH ADJUSTMENT

If extraneous sounds are heard when pressing, or the clutch lever is pressed hard, or the cultivator does not move when the clutch lever is pressed. Most likely you need to adjust the tension of the clutch cable. The cable must be adjusted with the cultivator switched off.



1. Unscrew the locking nut near the handle or near the gearbox, make a few turns clockwise or counterclockwise, depending on whether you need to loosen or tighten the cable.
2. After adjusting, tighten the retaining nuts, start the cultivator and check the clutch.
3. Repeat the adjustment operation if necessary.

**KS 7HP-950S** – see picture 39 in the Appendix.

**KS 9HP-1350G-3** – see picture 40 in the Appendix.

## NEXT STEPS

Gradually increase the depth of plowing when tilling the solid ground. Press on the steering wheel to facilitate turning of the machine, transfer the weight of blade back when turning on the soil blade. (see picture 38 in the Appendix). To adjust the forward speed, press the left handle grip. To move backwards which facilitates the work with the tiller, use the right handle grip (see the picture below). Lower the front wheel for device transportation (for models with a transport wheel). After work or during a break at work, release the clutch and turn off the engine.



## REVERSE MOVEMENT

Cultivator models are equipped with a reverse function for better maneuvering (except for model KS 7HP-850A).

In order for the cutters or wheels to start reverse rotation, set the gearshift lever to the “-1” position (R) and then press and hold down the clutch lever.



**ATTENTION - DANGEROUS**



**Caution! Don't use reverse mode for ground tilling!**

## STOPPING THE ENGINE

To eliminate the engine turn the switch to O (OFF) position. The engine switch is located on the control panel handle.

## MAINTENANCE

# 7

In order to prevent unintentional inclusion of the engine, disconnect the spark plug of the engine when storing device, transportation and all the works on cleaning and maintenance (such work is permitted only with cooled engine).

The use, storage and maintenance of **Könnér & Söhnen®** tillers must be made according to this manual. For all the damage and malfunctions, which were caused by mishandling of service, safety and working with the machine manufacturer is not responsible.

## THE MANUFACTURER IS NOT LIABLE FOR:

- Using of lubricants, gasoline and motor oil, which are prohibited by supplier.
- Using the device for other purposes.
- Losses due to further use of faulty tiller parts.
- Technical changes of the device.

## MAINTENANCE WORK

All works shown in “maintenance ” section should be done regularly. If you can not perform work, tiller user should contact the service center to complete an application for technical works execution. In case of losses due to injury, acquired as a result of outstanding maintenance, the manufacturer is not responsible.

**MANUFACTURER IS NOT RESPONSIBLE FOR DAMAGES:**

- Damage and losses resulting from the use of non-original spare parts.
- Corrosive damage and other consequences of invalid storage.
- Damage caused by the maintenance works that were carried out by unauthorized personnel.

**TILLER CLEANING**

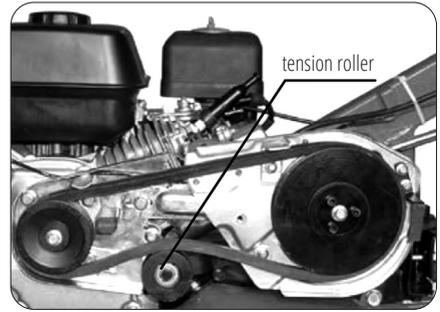
Thorough cleaning and care of the device extends its life and protects it from damage. After each use, clean the tiller blades of the land, dust and grass straw. Keep under control the state of the product – damaged parts, landing threaded elements.

It is forbidden to send jets of water on the seals, engine components and bearing seats. Otherwise the tiller may need an expensive repair.

**CHAIN TRANSMISSION REGULATION**

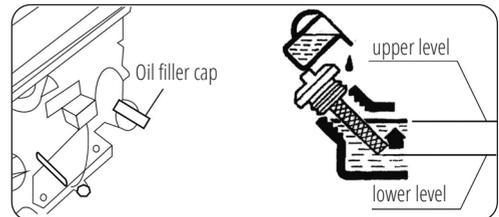
From time to time, after extended tiller use, regulation of chain transmission is necessary. To do this, follow these steps:

1. Remove the chain transmission, previously removing its screw.
2. Grip the handle grip. Check the distance between the upper point of the belt and upper-point of roller – it should be 60-65 mm (2.4-2.5 inches).
3. Remove four engine mounting bolts for work on regulation. Move engine forward or backward the required belt tension and make sure that the external surfaces of driving and driven pulleys are in the same plane.

**CHANGING AND ADDING FUEL TO THE ENGINE**

Follow the maintenance schedule and regularly check the oil level in the engine. By reducing the oil level is necessary to add new oil to ensure proper operation of the engine. To replace the oil, follow these steps:

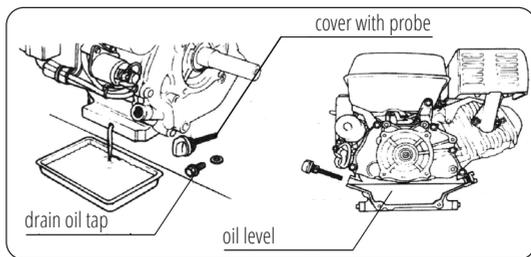
1. Make sure that the tiller is placed on a flat surface.
2. Place the capacity to drain the oil under tiller engine.
3. Unscrew the drain cover, located under the hood oil probe, using allen key 10 mm.
4. Wait until the oil drains.
5. Replace the cover and tighten the drain.



**Oil pollutes soil and groundwater. Do not allow oil to leak out of the crankcase. Drain used oil into a sealed container. Return used oil to your local used oil collection point.**

## FOLLOW THESE STEPS TO ADD OIL:

1. Make sure that the tiller is placed on a flat surface.
2. Remove the probe tap on the engine.
3. Pour the oil into the carter.
4. Level should be close to the maximum probe level.



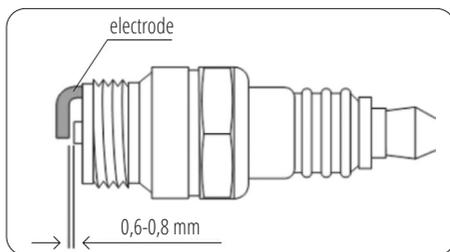
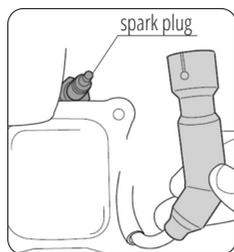
## SPARK PLUG MAINTENANCE

Spark plug is an important part which provides correct and long work of the engine. It is important to keep an eye on the plug – it should not have cracks, must be installed in a right way and have no soot.

### SPARK PLUG CHECKING

Recommended for use are spark plugs F6RTC, for example NGK BPR6ES. Follow this steps to check the spark plug (see the pictures below):

1. Take off the cap from the spark plug.
2. Loosen the plug with the help of candle brace.
3. Carefully check if the plug is damaged. Remove if it has any damage.
4. Measure the gap – it should be within 0,6-0,8 mm.
5. Carefully clean the spark plug with the metal brush and remove the dust before reuse of the unit. Please don't forget to measure the gap.
6. Plug in the spark plug to its place.



For the most long-term use of the engine it is important to watch the condition of an oil and air filter, oil level. Cooling fins should always be in a clean condition – this provides the best cooling for the engine.

### AIR FILTER

To ensure proper airflow in the carburetor regular maintenance of the air filter should be conducted. From time to time it is important to check for contamination:

1. Loosen the clamp on the top cover of the air filter.
2. Remove the casing from the sponge filter element.
3. Remove dirt inside the filter casing.
4. Rinse sponge filter element in warm water, then dry it.
5. Dip a dry filter with clean engine oil and squeeze it to remove excess oil.
6. Air filter cleaning is to be performed each 50 hours of the generator operation (every 10 hours in unusually dusty conditions).

TECHNICAL MAINTENANCE WORKS

Unit	Action	Each time you start	Commissioning	First month (or every 20 hours)	Every 3 month (or every 50 hours)	Every 6 month (or every 100 hours)	Every year (or every 200 hours)
Oil	Level check	☑					
	Replacement		☑		☑		
Engine oil	Level check					☑	
	Replacement		☑				☑
Air filter	Check	☑					
	Cleaning		☑	☑	☑		
	Replacement						☑
Spark plug	Cleaning		☑		☑		
	Replacement					☑	
Fuel tank	Fuel level check	☑					
	Cleaning						☑

Follow the maintenance instructions listed in the instruction manual yourself. Works that are not foreseen for self-fulfillment must be performed at an authorized Könnér & Söhnen® Service Center. The addresses of the service centers can be found on our official website [www.konner-sohnen.com](http://www.konner-sohnen.com)

*Potential faults and troubleshooting methods can be found in the full web version of the manual.*

CONDITIONS OF TRANSPORTATION, STORAGE AND DISPOSAL

8



A collision with parts of the system of release or a touch of a hot engine can provoke a strong burn or flash. Allow the engine to cool completely before moving, transporting or storing the tiller.



The device is made of suitable to the secondary use materials.

*Conditions of transportation, storage and disposal can be found in the full web version of the manual.*

WARRANTY SERVICE TERMS

9

TERMS AND CONDITIONS:

The international manufacturer warranty is 1 year. The warranty period starts from the date of purchase. In cases when warranty period is longer than 1 year according to local legislation please contact your local dealer. The Seller which sells the product is responsible for granting the warranty. Please contact the Seller for warranty. Within the warranty period, if the product fails because of defects in the production process, it will be exchanged on the same product or repaired.

The warranty card should be kept throughout the warranty period. In case of warranty card loss, a second one will not be provided. The customer must provide the warranty card and buyer's check during request for repair or exchange. Otherwise, the warranty service will not be provided. The warranty card, attached to the product during sale, should be correctly and fully completed by the retailer and customer, signed and stamped. In other cases, warranty is not considered as valid.

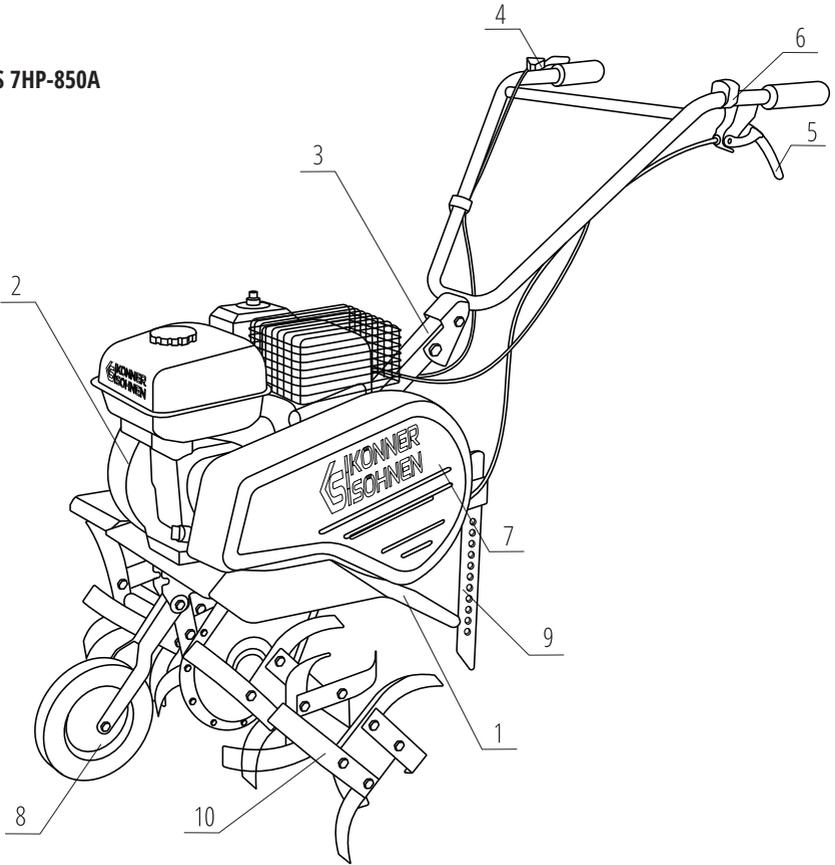
Provide clean product to the service center. Parts, that must be replaced, are the property of the service center.

#### WARRANTY EXCLUSIONS:

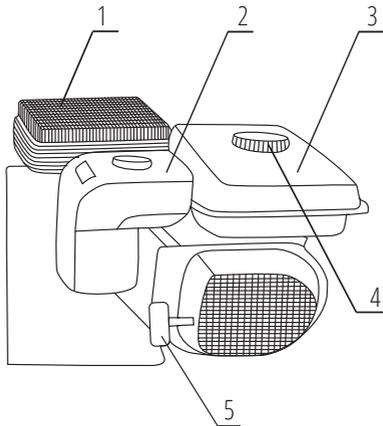
- If the user has failed to comply with the instructions in this manual.
- If the product features damaged or missing identification stickers or labels, serial numbers, etc.
- If product malfunction was due to improper transportation, storage and maintenance.
- In case of mechanical damages (cracks, chips, impact and fall marks, deformation of housing, power cord, plug or any other components), including those resulting from the freezing of water (ice formation), provided there are foreign objects inside the unit.
- If the product has been improperly installed and connected to the mains supply or misused.
- If the claimed malfunction cannot be diagnosed or demonstrated.
- If proper operation of the product can be restored following cleaning from dust and dirt, appropriate adjustment, maintenance, oil change, etc.
- If the product is used for business related purposes.
- If faults are detected, which have been caused by product overload. Signs of overload are molten or discolored parts as a result of high temperatures, damaged cylinder or piston surfaces, degraded piston rings or connecting rod bushes.
- The warranty does not cover the failure of the product automatic voltage regulator due to careless handling or mishandling.
- If faults are detected, which have been caused by instability of the user's power grid.
- If there are faults caused by contamination or fouling such as contamination of the fuel, oil or cooling system.
- If electrical cables or plugs show signs of mechanical or thermal damage.
- In the event of foreign liquids and objects, metal chips, etc. inside the product.
- If the malfunction is caused by the use of non-original spare parts and materials, oils, etc.
- If there are two or more faulty units that are not interconnected.
- If the damage was caused by natural factors such as dirt, dust, humidity, high or low temperature, natural disasters.
- In case of simultaneous failure of the rotor and stator.
- For wear parts and accessories (spark plugs, nozzles, pulleys, filter and safety elements, batteries, detachables, belts, rubber seals, clutch springs, axles, hand starters, grease, mountings, working surfaces, hoses, chains, and tires).
- To preventive maintenance (cleaning, greasing, washing), installation and adjustment.
- If the product was tampered with, independently repaired or modified.
- In case of malfunctions resulting from normal wear and tear as a result of long-term use (end of life).
- If product operation was not stopped and continued after detecting a malfunction.
- Batteries supplied with equipment are covered by a warranty of three months.
- When using low-grade or inappropriate fuel.



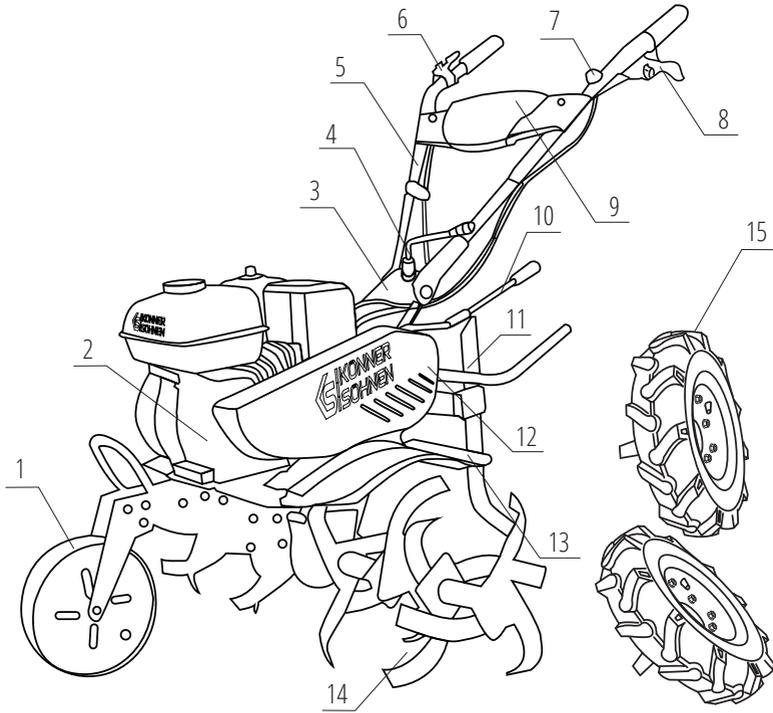
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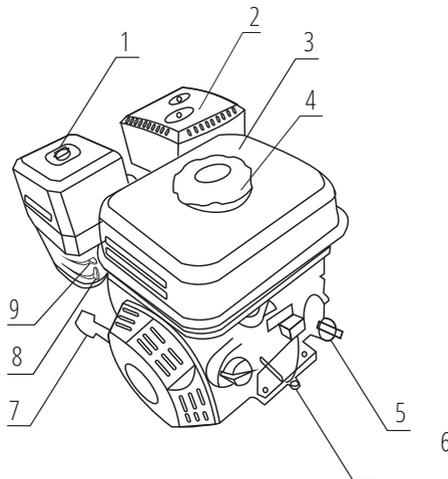
2.



3. KS 7HP-950A, KS 7HP-950S

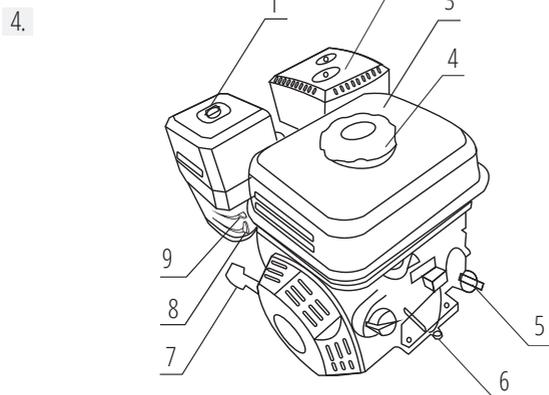
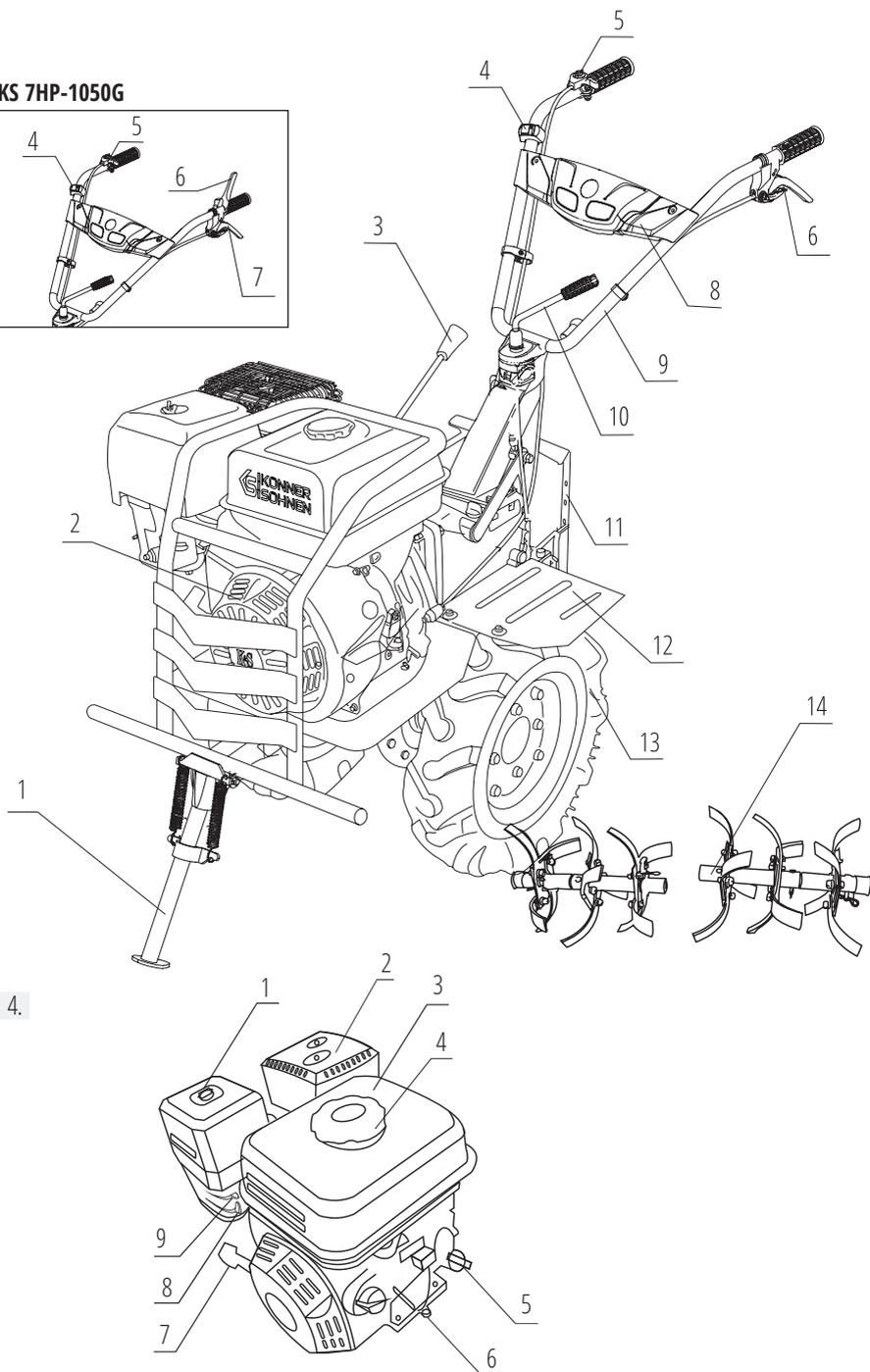
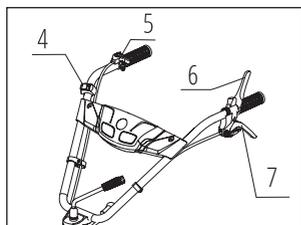


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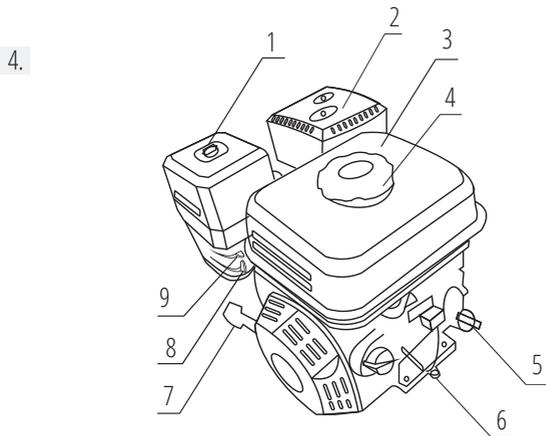
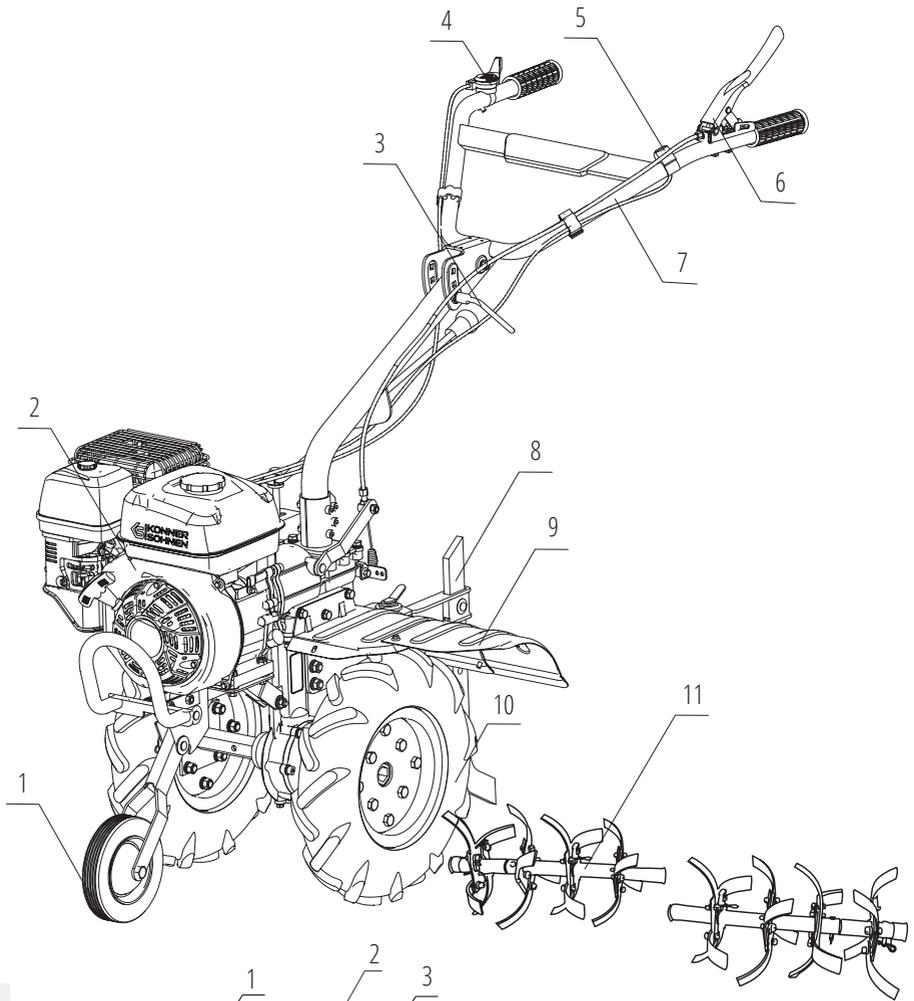


5. KS 7HP-1050G, KS 9HP-1350G-3

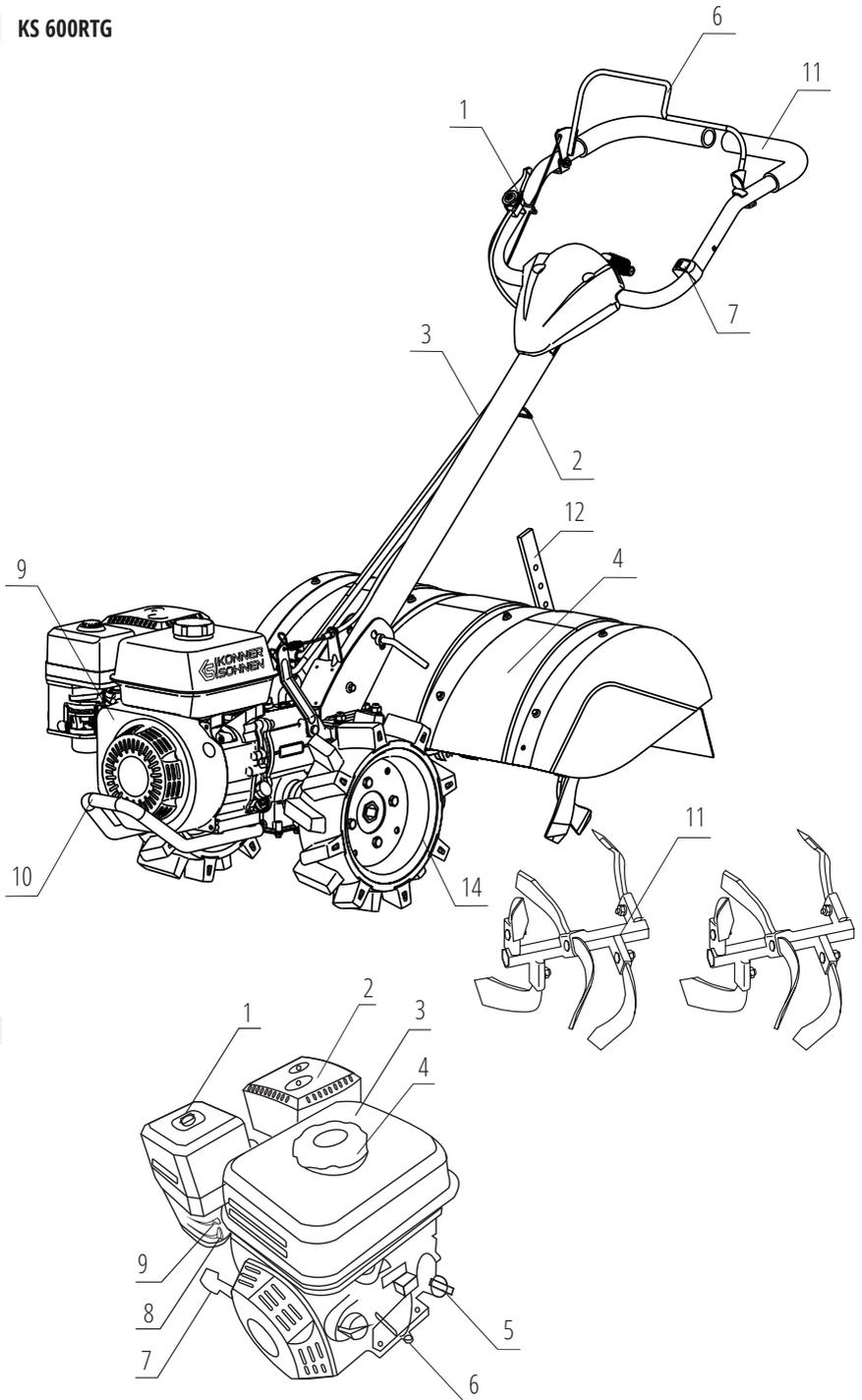
KS 7HP-1050G



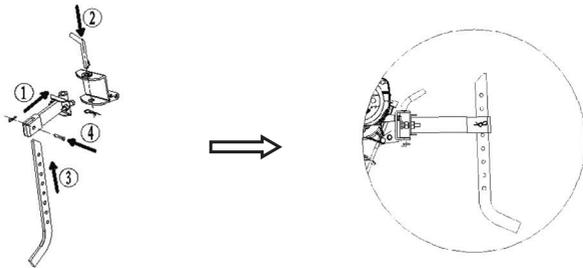
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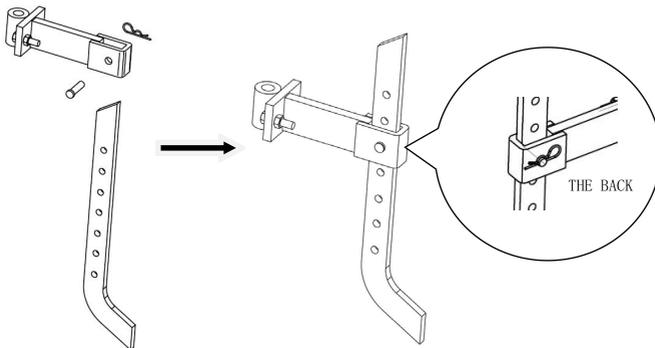
7. KS 600RTG



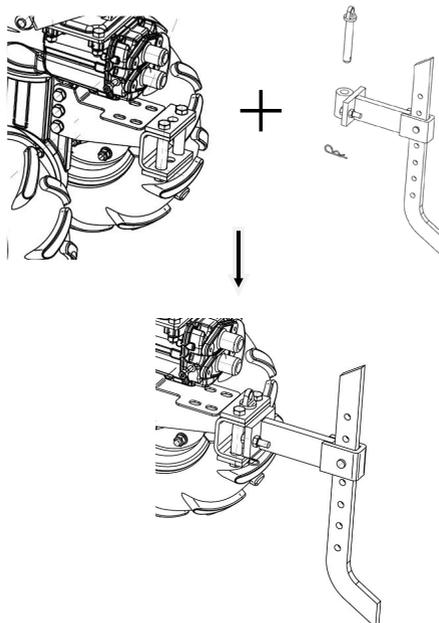
8. KS 7HP-850A KS 7HP-950A, KS 7HP-950S



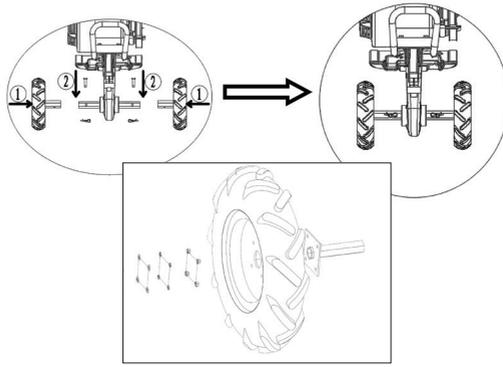
9. KS 7HP-1050G, KS 9HP-1350G-3



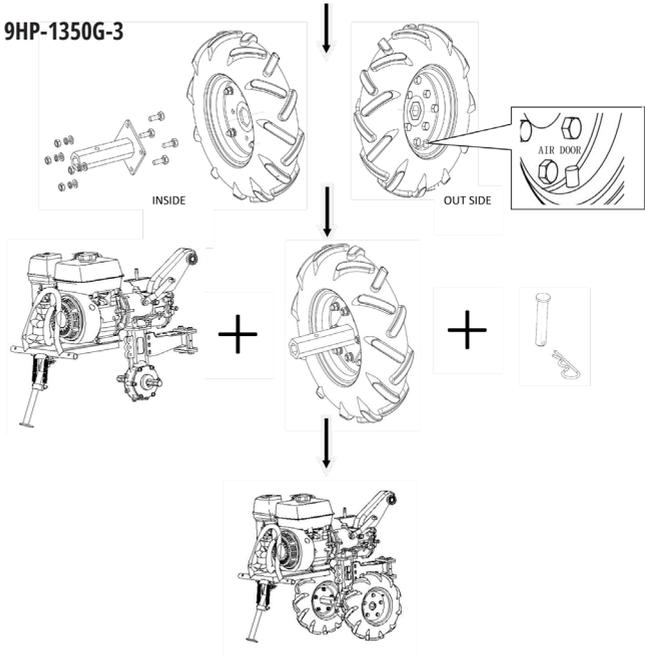
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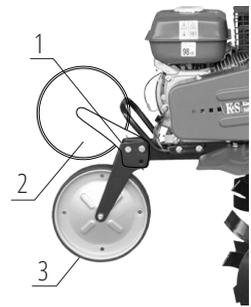
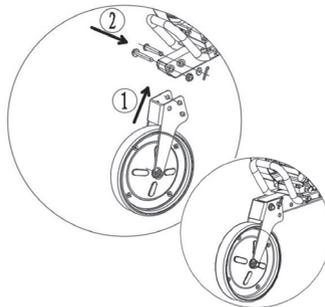
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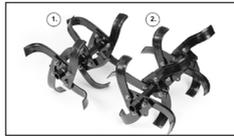
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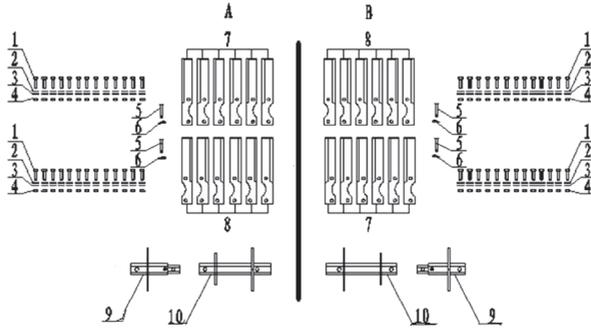
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KS 7HP-950A,  
KS 7HP-1000G



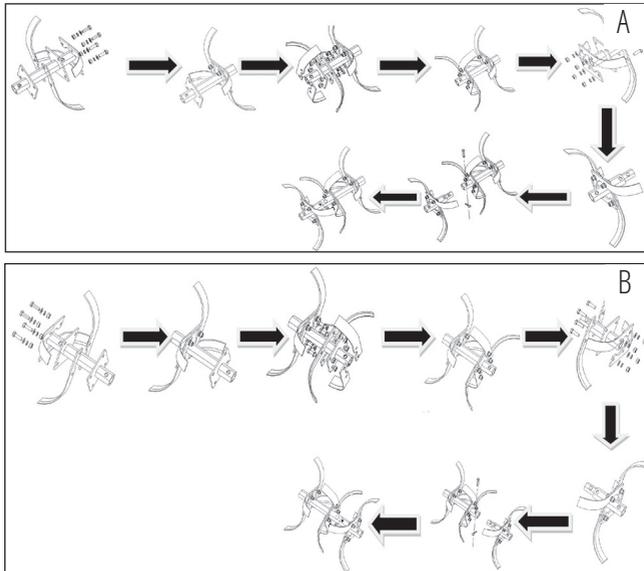
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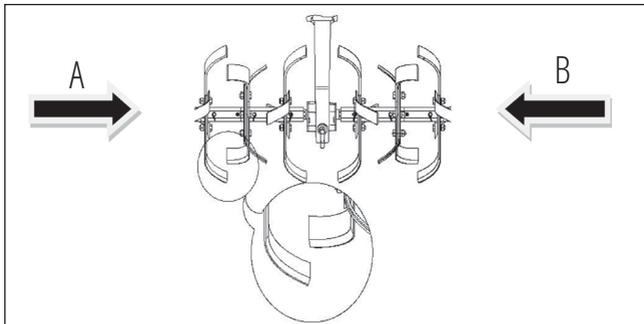
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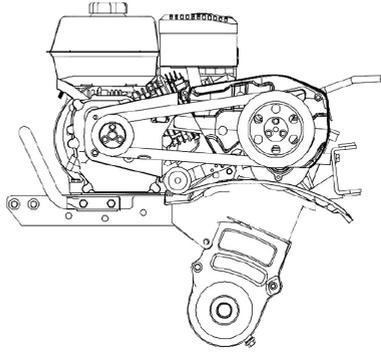
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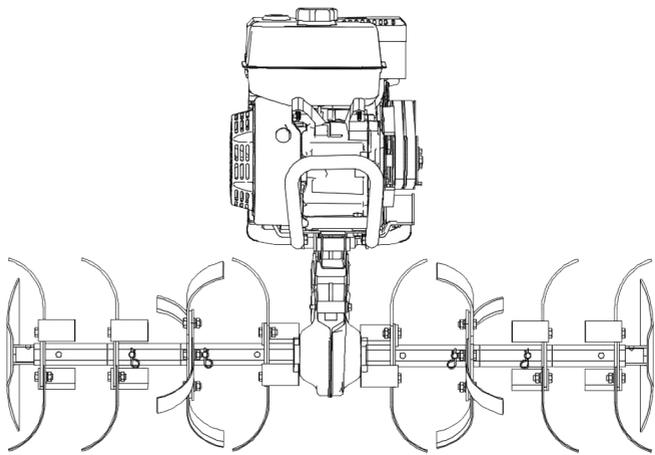
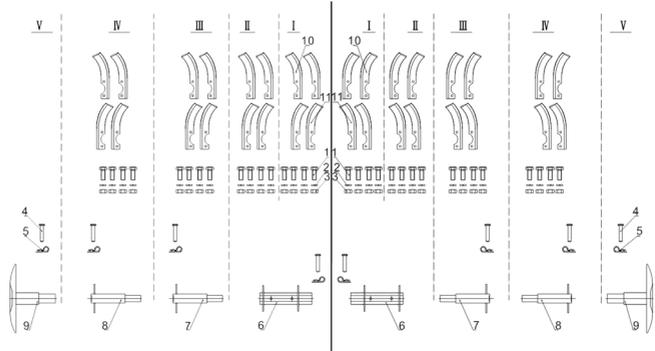
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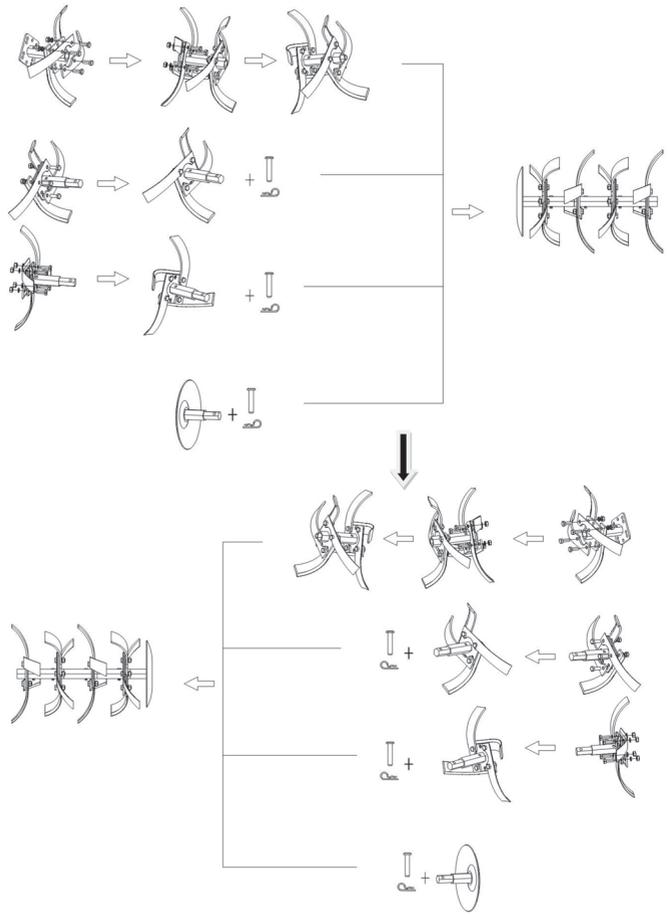
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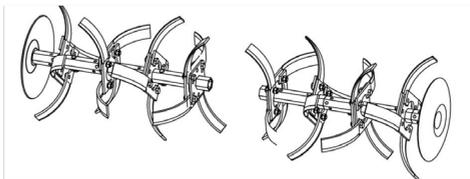
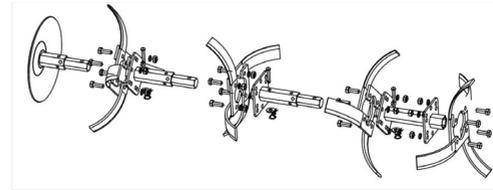


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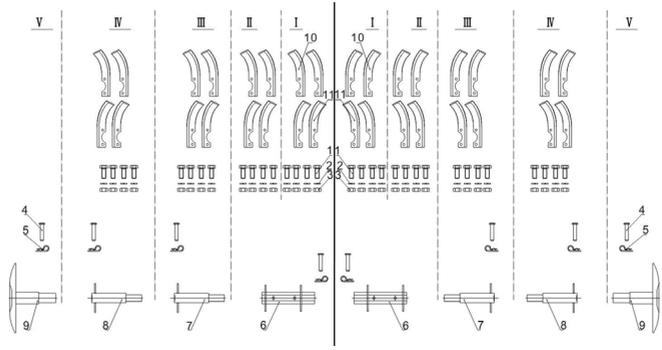


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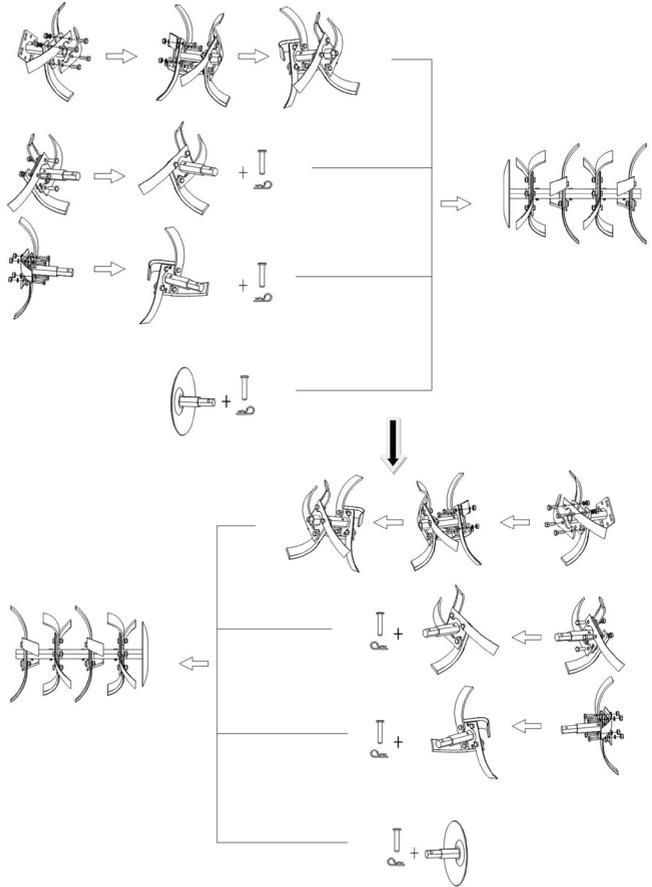
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KS 9HP-1350G-3**



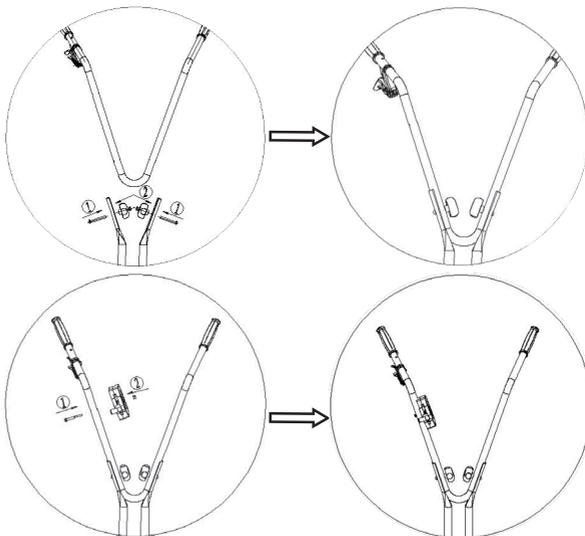
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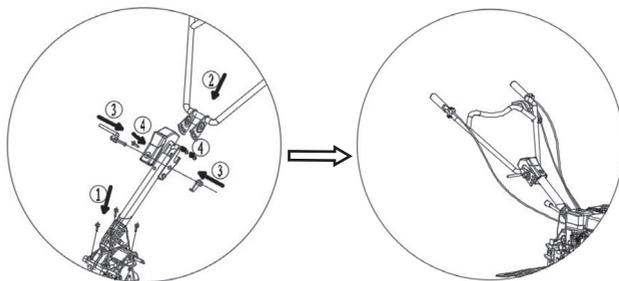
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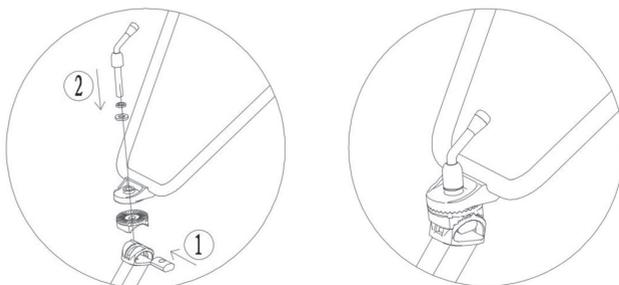
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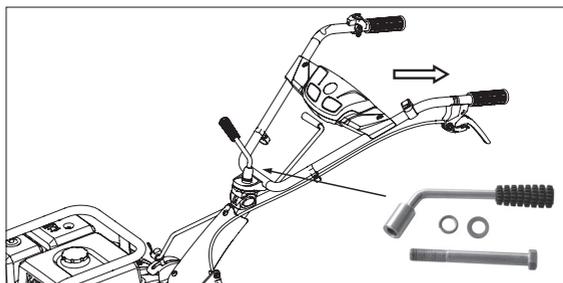
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26. **KS 7HP-950S  
KS 7HP-1050G  
KS 9HP-1350G-3**



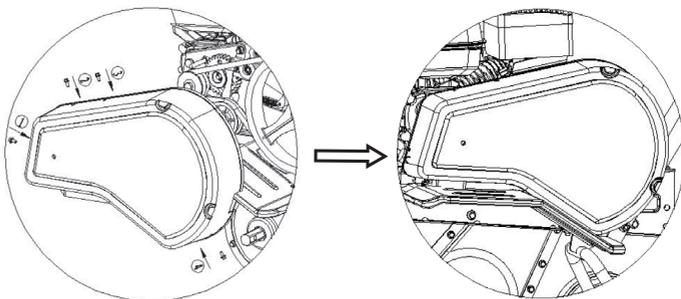
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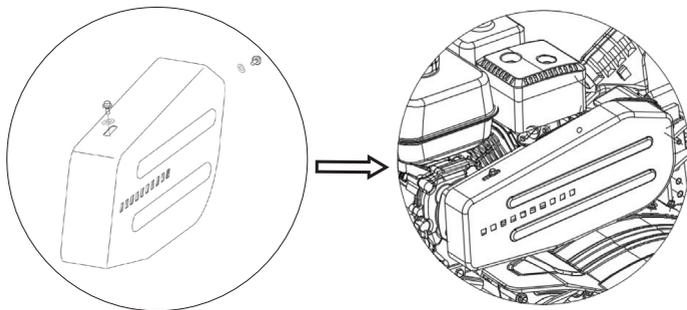
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KS 9HP-1350G-3**



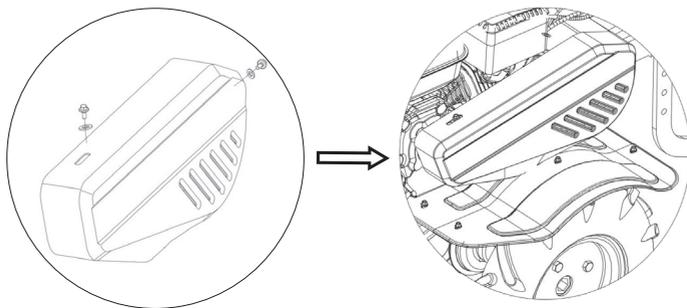
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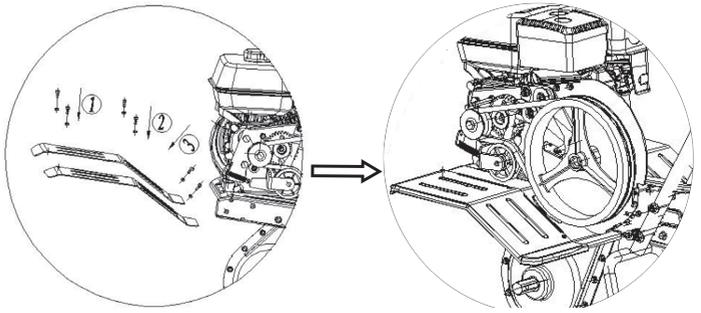
30. **KS 7HP-950A**



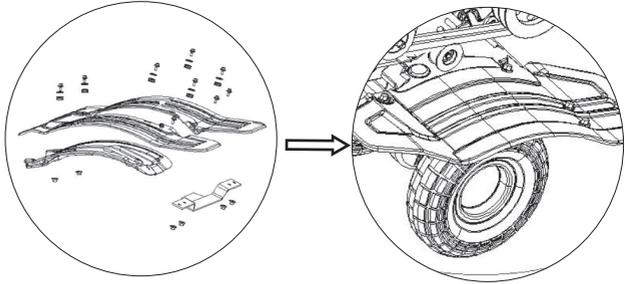
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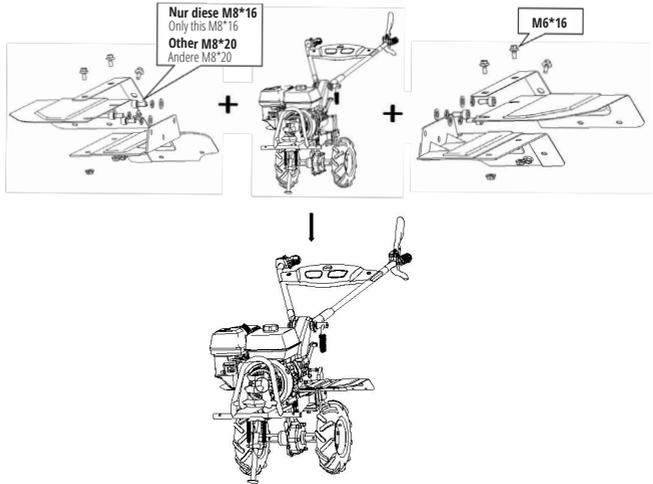
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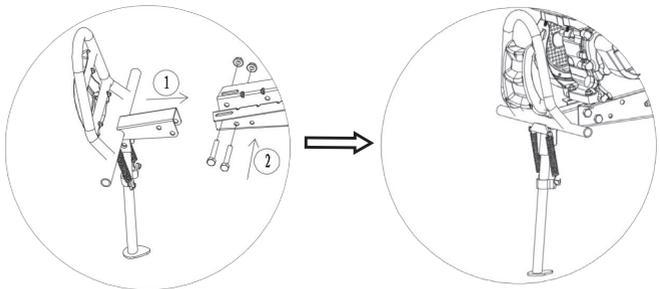
33. KS 7HP-950A  
KS 7HP-950S



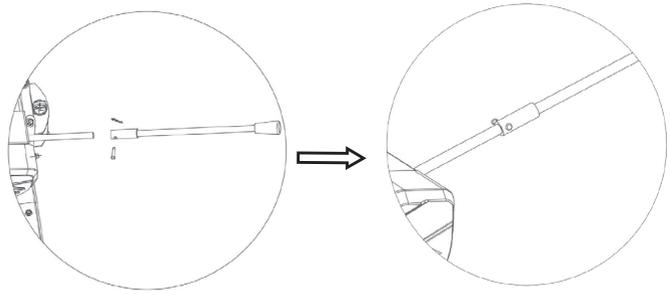
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KS 9HP-1350G-3



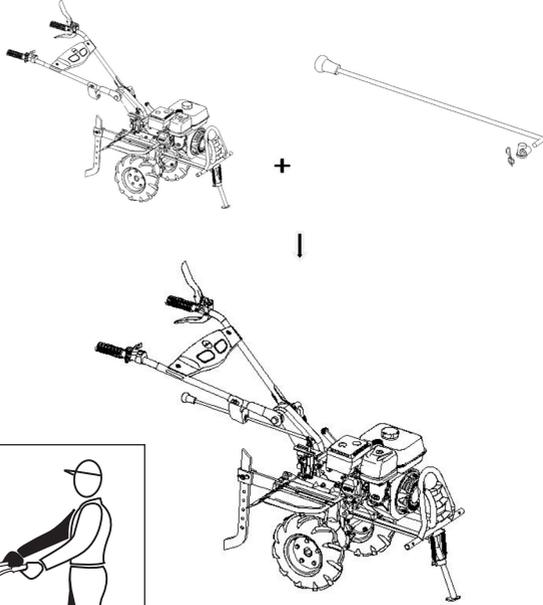
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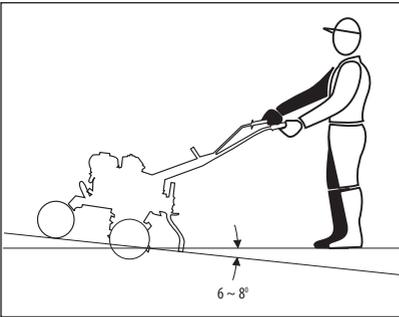
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37. KS 7HP-1050G,  
KS 9HP-1350G-3

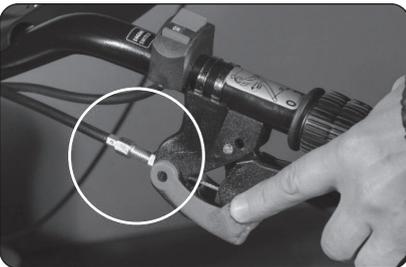


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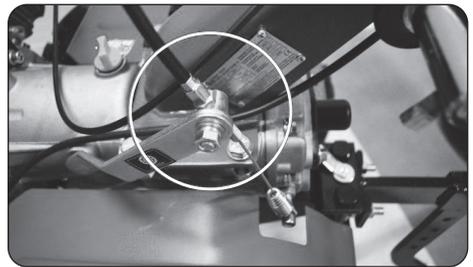
39.

KS 7HP-950S



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KS 9HP-1350G-3





# EC Declaration of Conformity

Nr. 122

The following products have been tested by us with the listed standards and found in compliance with the European Community Machinery Directive 2006/42/EC, Electromagnetic compatibility Directive (EMC) 2014/30/EC, Noise Directive 2000/14/EC.

Manufacturer: DIMAX INTERNATIONAL GmbH  
Address: Flinger Broich 203, 40235 Duesseldorf, Germany

Product: Gasoline tillers "Könner & Söhnen"

Type / Model: KS 7HP-850A, KS 7HP-950A, KS 7HP-950S, KS 7HP-1000G,  
KS 7HP-1050G, KS 9HP-1350G-3, KS 600RTG.

The statement is based on a single evaluation of above mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab. logo. The manufacturer should ensure that all product in series production are in conformity with the product sample detailed in this report. The applicant should hold the whole technical report at disposal of the competent all the right.

Applied EC Directives: 2006/42/EC Machinery Directive  
2014/30/EC Electromagnetic compatibility Directive (EMC)  
2000/14/EC Noise Directive  
(EU) 2016/1628 Non-Road mobile machinery emissions

Applied Standards: EN 709:1997+A4 2009  
EN ISO 3744: 1995, ISO 8528-10:1998  
EN ISO 14982:2009

Gasoline engines KS 240, KS 290 correspond to European Emission Standard Euro V(STAGE V). This is confirmed by EU TYPE-APPROVAL CERTIFICATE issued by department of transport of Luxembourg , L-2938. Technical service responsible for carrying out the test -TÜV Rheinland Luxemburg GmbH.

Date of issue 09/10/2018

## 2000/14/EC\_2005/88/EC Annex VI

For models KS 7HP-850A, KS 7HP-950A, KS 7HP-950S, KS 7HP-1000G, KS 7HP-1050G, KS 9HP-1350G-3, KS 600RTG:  
Noise: measured  $L_{WA}$  = 96 dB (A), guaranteed  $L_{WA}$  = 98 dB (A)



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**Issued Date:** 2022-05-01  
**Place of issue:** Duesseldorf  
**General director:** Fomin P. *P. Fomin*

**DIMAX**  
International  
GmbH  
Steuer-Nr.: 103 5722 2493  
USt-IdNr.: DE296177274

We DIMAX INTERNATIONAL GmbH hereby declare that specified above conforms covering European Parliament and Council Directives, 2006/42/EC of 17 May 2006 Machinery Directive, Electromagnetic compatibility Directive (EMC) 2014/30/EC of 26 February 2014, Noise Directive 2000/14/EC of 8 May 2000. The CE mark above can be used under the responsibility of manufacturer. After completion of an EC declaration of Conformity and compliance with all relevant EC directives.

## CONTACTS

### **Deutschland:**

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