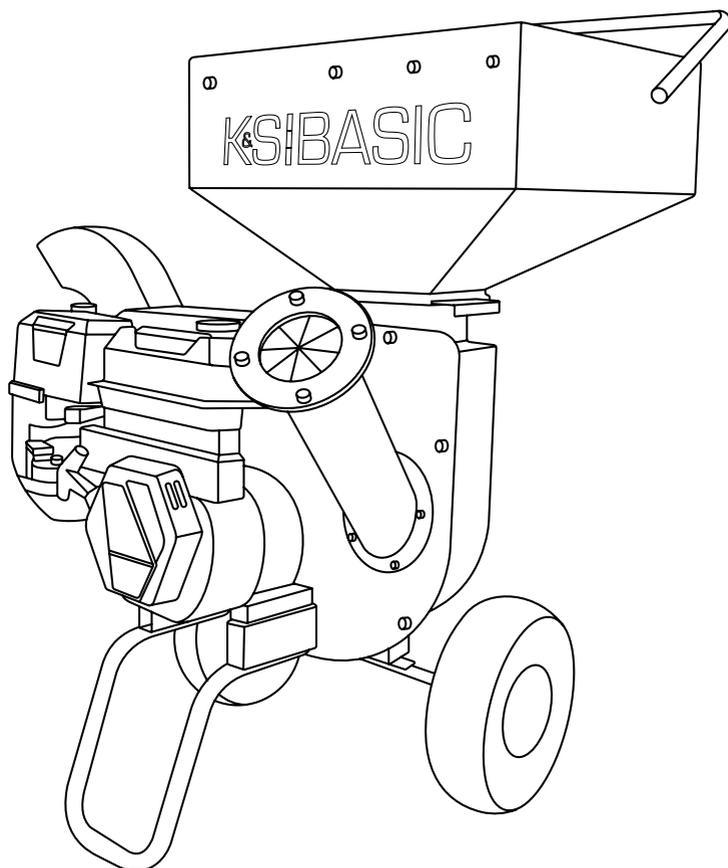




K&SIBASIC

SIMPLE ENERGY

Wood chipper shredder KSB 300WS





Thank you for your purchase of **K&S Basic** products. This manual contains a brief description of safety, use and debugging. More information can be found on the official manufacturer's website in the support section: ks-power.de/betriebsanleitungen.

You can also go to the support section and download the full version of the manual by scanning the QR code, or on the website of the official importer of **K&S Basic** products: www.ks-power.de/en.



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 generators, which may not be reflected in this manual. Pictures and photos of the product may vary from its actual appearance. At the end of this manual, You may find contact information which you are free to use in case of any issues occurrence.

All data, specified in this operation manual is the most up to date for the moment of its publishing. The current list of service centers you can find at the website of official importer: www.ks-power.de/en.



ATTENTION – DANGER!



Failure to follow the recommendations marked with this sign may lead to serious injury or death of the operator or third parties.



IMPORTANT!



Useful information while operating the machine.

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

IMPORTANT SAFETY INFORMATION

1



WARNING!



You must read, understand and comply with all safety and operating instructions in this manual before attempting to setup and operate your chipper shredder.

Failure to comply with all safety and operating instructions can result in loss of machine control, serious personal injury to you and/or bystanders, and risk of equipment and property damage. The triangle in the text signifies important cautions or warnings which must be followed.

SAFETY INSTRUCTIONS

1.1

Read and understand all instructions. Failure to follow all instructions may result in serious injury or property damage.

- DO NOT allow persons to operate or assemble the product until they have read this manual and have developed a thorough understanding of how it works.
- DO NOT modify this product in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the product. There are specific applications for which the product was designed.
- This is a petrol engine-powered chipper shredder that breaks up leaves and wooded pieces such as tree branches, brush, and limbs into smaller volume via a high-speed rotor containing chipping blades and shredding hammers. It shall not be used for any other purpose.
- DO NOT allow children to operate this chipper shredder. Keep small children away from the area while chipper shredder is in use.
- Anyone who uses this chipper shredder must read the instructions and be familiar with the controls.



ATTENTION – DANGER!



Engine exhaust gases, wood dust and gasoline vapors contain health hazardous substances! Use a safety respirator and safety goggles when working with the chipper shredder!

- Dress appropriately when operating the chipper shredder. Always wear sturdy footwear and safety goggles. Never wear sandals, sneakers or open shoes, and never operate the chipper shredder with bare feet. DO NOT wear loose clothing that might get caught in moving parts.



WARNING!



This unit discharges debris at high speeds. Always wear protective goggles. Do not allow anyone in the area while the unit is running. If someone does enter the area, shut the unit off immediately until they leave. Organize the work area prior to starting work.

- Be sure the area is clear of other people before operating.
- ALWAYS maintain secure footing and solid balance while starting or operating the chipper shredder. Never lean directly over the machine.
- Operate the machine only in daylight or good artificial light.
- DO NOT operate the unit while under the influence of alcohol or drugs.
- ALWAYS wear eye and hearing protection when operating this unit
- Keep in mind the operator is responsible for accidents occurring to other people or property.
- Exercise extreme caution when operating on or crossing gravel drives, walks or roads.
- Make sure chipper shredder is free of debris before starting the engine.
- DO NOT put hands or feet near rotating parts or under the machine. Keep clear of the discharge opening at all times.
- ALWAYS operate the chipper shredder outdoors, on a firm, level, earthen or grassy surface where the unit will be stable and stay in position.
- Never attempt to operate the unit on a slope, or on a wet or slippery surface where you could slip and fall toward the chipper cone or hopper openings.
- ALWAYS obey the size limitations for tree limbs and branches stated in the Waste Materials Guide portion of this manual.
- NEVER leave the machine running unattended. Always turn off the engine, wait for the rotor to come to a complete stop before leaving the area.
- ALWAYS stand to the side of the chipper cone when feeding tree limbs and branches into the unit, as tree limbs, branches, and harder woods may kick back while being chipped.
- ALWAYS keep hands out of the chipper cone and shredder hopper when feeding materials. Never wrap fingers tightly around branches as you are feeding them into the unit, as a sudden inward surge could pull your hands and arms into the unit.
- NEVER allow material to build up in the discharge area or shredding chamber, as this may cause new material being fed into the machine to kickback with sufficient force to injure you or other bystanders.
- NEVER attempt to reposition or move the chipper shredder unit while it is running. Doing so could cause the machine to tip over, and reaching to steady the unit could result in accidental insertion of your hands into the chipper cone or shredder hopper areas.
- NEVER continue to operate the machine if it starts making unusual noise or vibration. Shut the engine off immediately, allow the rotor to stop, disconnect the spark plug wire. Inspect the unit for any signs of damage or foreign material in the chipping or shredding areas. Remove any solid material that may be preventing the unit from operating properly.
- NEVER attempt to unclog a chipper cone, shredder hopper or discharge chute, or perform any maintenance work while the machine is running. Before doing this, always shut the engine off and allow the rotor to come to a complete stop.
- ALWAYS make sure that the shredding chamber, shredder hopper, and chipper cone are empty before starting the unit after it has been idle. Attempting to start the unit with material in these areas could cause the engine starting cord to stop suddenly, injuring your hand and fingers, or toppling the unit over. Vibration is generally a warning sign of trouble.
- NEVER attempt to make any adjustments while the engine is running.

- After striking a foreign object, stop the engine (motor) and wait for all moving parts to come to a complete stop. Thoroughly inspect the machine for any damage, repair the damage before restarting and operating the machine.
- DO NOT change the engine governor settings or over-speed the engine.

GASOLINE FIRES AND HANDLING FUEL SAFELY

1.2

Use extra care in handling gasoline. It is flammable and gasoline vapors are explosive.



ATTENTION – DANGER!

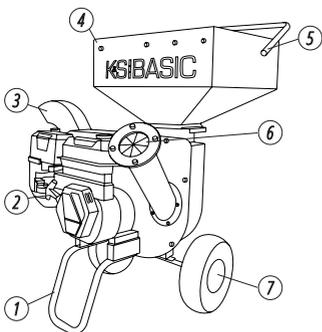


The running engine produces carbon monoxide, which is hazardous to health and life.

- NEVER add fuel to a running engine or hot engine.
- Fill fuel tank outdoors with extreme care. Never fill fuel tank indoors.
- Replace gasoline cap securely and clean up spilled fuel before restarting.
- ALWAYS start and run engine outdoors. Do not start or run engine in an enclosed area, even if doors or windows are open.

MAIN OVERVIEW

2



1. Parking leg bracket
2. Manual starter
3. Chip discharge opening
4. Hopper for shredding dry and wet organic waste (foliage, flowers)
5. Transport handle
6. Opening for shredding thicker and longer branches
7. Transport wheels

SPECIFICATIONS

3

Model	KSB 300WS
Engine power	6.5 HP
Engine start	manual
Number of cutting blades	6 pcs.
Max. aggregate diameter of feed material	65 mm
Chip ejection height	760 mm
Shredded chip size	0.5 - 1 cm
Max. Blade Speed	2400 rpm
Engine type	gasoline 4 stroke
Engine cylinder volume	196 cm ³
Engine model	KSB 230
Engine speed	3600 rpm
Fuel tank volume	3.6 l
Crank case volume	0.6 l
Wheels	10"
Gross dimensions (L*W*H)	610x510x850 mm
Gross weight	63 kg
Protection class	IP 54

INSTALL KICK STAND

1. Position the kick stand (A) underneath the engine with the loop of the kick stand pointing away from the wheel axle (B).
2. Using the four M8 X 45 bolts (C), eight M8 washers (D) and four M8-1.25 nuts (E), secure the kick stand to the base plate of the engine.

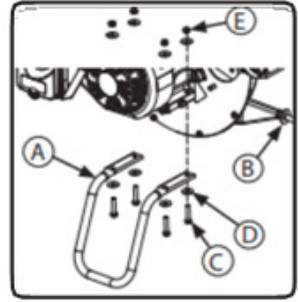


Fig. 1

INSTALL THE WHEELS

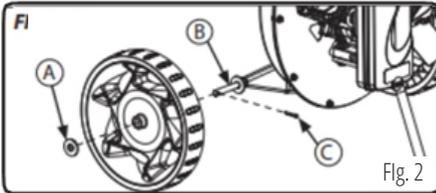


Fig. 2

1. Slide the wheel onto the axle (B).
2. Slide the 16mm washer (A) onto the axle so that it sits against the wheel.
3. Insert the cotter pin (C) into the hole in the end of the axle. Bend the cotter pin over to secure the wheel to the axle.

INSTALL CHIPPER CONE

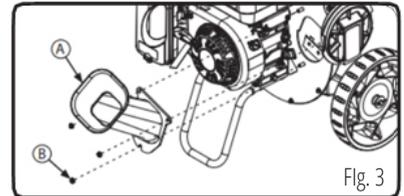


Fig. 3

1. Position the chipper cone (A) over the three M6 threaded studs protruding from the engine plate, and attach using three M6 flange nuts (B).
2. Rotate cone and cone base away from engine so cone does not contact engine.
3. Tighten the flange nuts securely.

INSTALL THE HOPPER

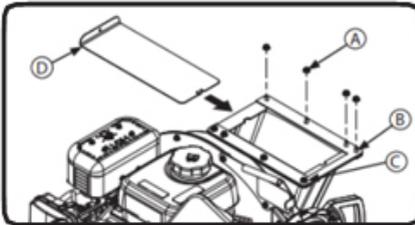


Fig. 4

1. Remove back four M6-1.0 nuts (A) and set nuts and rear stud plate (B) aside. Loosen front four M6-1.0 nuts (C), do not need to remove. Install damper (D).
2. Install hopper (E) by sliding slotted holes (F) on the front side of hopper onto the four front studs (G) with loosened nuts.
3. Reinstall rear stud plate (H) and four back M6-1.0 nuts (I) that were previously removed in Step 1.
4. Tighten all eight M6 nuts.

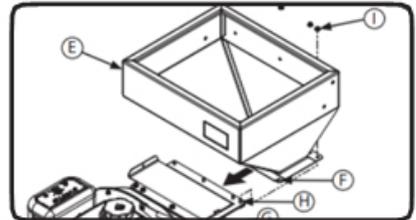
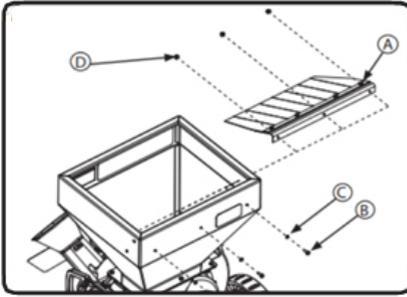


Fig. 5

INSTALL THE HOPPER GAURD

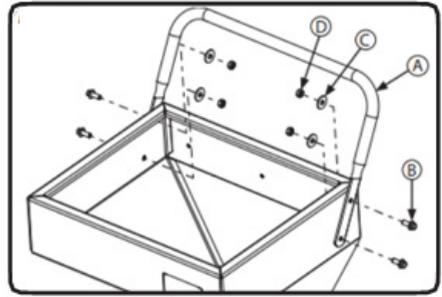
Fig. 6



1. Hold the hopper guard assembly (A) so that the rubber guard is directed down towards the bottom of the hopper. Align the assembly holes with the holes in the hopper.
2. Using the three M6-1.0 x 16 bolts (B), M6 springlock washers (C) and M6-1.0 nuts (D), secure the guard assembly (A) to the hopper. Insert the bolts with washers from the outside of the shredder hopper.

INSTALL THE HANDLE

Fig. 7



Hold the hopper handle (A) up so that the outer holes in the handle align with the holes in the hopper and secure with four M6 x 30, M6 washers (C) and M6 nuts (D). Insert the screws from the outside of the hopper.

OPERATION

5

Become familiar with all of the controls and how to stop the unit. Check all hardware (bolts, screws, etc) before every use for tightness to be sure machine is in safe working condition. Upon start-up and shut-down, you may hear the metal-to-metal sound of the triangular hammers and J-hammers positioning themselves on the rotor. This is normal. If this sound continues after the machine has reached full speed, contact your dealer for an inspection of the unit. Overloading the equipment will shorten its life, and can cause mechanical failures.

Fig. 8

CHIPPER OPERATION (Fig.8)

The chipper is designed to handle tree limbs and branches up to approximately 6,5 cm in diameter. The chipping knives also permit the processing of course organic matter like corn stalks. Tree branches must be inserted large-end first into the chipper cone. Since occasional kick-backs may occur, always stand off to the side of the unit. Allow the self-feeding action of the unit to draw the sticks in.



Fig. 9

SHREDDER OPERATION (Fig.9)

The shredder is designed to shred leaves, and other soft but bulky organic waste. As material is loaded into the shredder hopper it is pulled into the path of the triangular and J-hammers by air flow.



OPERATING LOCATION

Select an area with firm, level ground, covered by dirt or grass. Do not operate on wet or slick surfaces, or near bystanders.

CHECK BEFORE GETTING STARTED

6

CHECKING THE FUEL LEVEL

1. Unscrew the fuel cap and check the fuel level in the tank.
2. Fill the fuel tank to the fuel filter level.
3. Tighten the fuel cap securely.

Recommended fuel: only unleaded gasoline.

Fuel tank volume: see specifications table.



IMPORTANT!



Wipe up spilled fuel immediately with a clean, dry, soft cloth, as the fuel may harm painted surfaces or plastic parts.



IMPORTANT!



Use only unleaded gasoline. Using leaded gasoline can cause serious damage to the inside of the engine.

CHECKING THE OIL LEVEL

The wood chipper shredder is transported free of motor oil. Do not start the engine until it is filled with sufficient amount of motor oil.

1. Unscrew the oil dipstick and wipe it out with a clean cloth.
2. Insert the dipstick without screwing it in.
3. Check the oil level by a mark on the oil dipstick.
4. Add oil if its level is below the mark on the oil dipstick.
5. Screw on the dipstick.



Recommended motor oil: SAE 10W30, SAE 10W40.

Recommended motor oil grade: API Service SG type or higher.

Motor oil quantity: see specifications table.

COMMISSIONING

1. Fill the crankcase with engine oil. The recommended amount of oil for each model is indicated in the specification chart.
2. Check oil level with an oil dipstick. It should be between the MIN and MAX marks on the oil dipstick.
3. Check fuel level.
4. Check the air filter for correct installation

In the first 20 operating hours, the following requirements should be met:

1. After the first 20 operating hours, be sure to change the oil. It is better to drain oil while the engine is still hot after operation to ensure quick and complete oil draining.
2. Check and clean the air filter and spark plug.

STARTING THE ENGINE

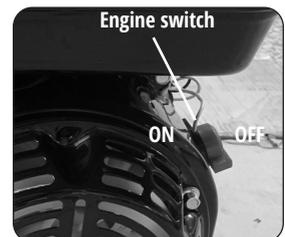
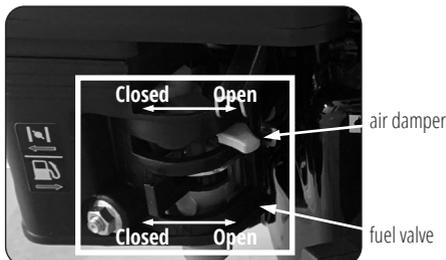


IMPORTANT!



Allow the engine to warm up for several minutes before use.

Before starting the engine, make sure the switch is in the "I" (ON) position (see the pictures below). Turn the rotary engine speed dial to MAX. Set the engine switch to the "CHOKE" position. Grasp the starter handle and slowly pull it until resistance is felt, then pull it with a rapid movement all the way. Repeat the operation until the engine starts. After starting the engine, allow the rope to retract without throwing the starter handle. Put the flaps in the "RUN" position.



STOPPING THE ENGINE

To stop the engine, turn the switch to the "OFF" position. Turn the fuel valve to the "CLOSED" position.

CHIPPING TIPS

- Prune branches down close to the main branch to make feeding them into the chipper cone easier.
- Large, hard, dried tree branches that resist chipping can be processed by rotating them as you alternately insert and retract them.
- If the material to be chipped is extremely hard, kicks back forcefully when being fed into the chipper cone, or cannot be easily controlled, remove the material immediately and set it aside.
- If additional force is required to insert materials into the chipper, the blades probably need to be sharpened.
- Maintain control of the materials you are feeding to prevent them from whipping around.
- DO NOT insert short pieces of material into the chipper cone by hand. Use a larger piece of material to feed them into the chipper cone.

SHREDDING TIPS

- Alternate loads of wet and dry material to prevent the discharge from becoming plugged.
- Never use any object to force material into the shredding chamber. It could get caught in the shredding hammers and damage the unit.



IMPORTANT!



Don't overload the shredder by dumping large volumes of material into the hopper opening.

STORAGE

The room in which the equipment is stored must be dry, not dusty, have good ventilation.



NOTICE



Do not store a fueled unit in an enclosed structure.

TRANSPORTING AND STORAGE

- ALWAYS use the hopper handle and built-in wheels to move the chipper shredder.

TROUBLESHOOTING

7



ATTENTION!



Never place hands in the chipper cone.

Never chip very hard or dry materials such as kiln dried dimensional lumber (2x4's etc.) or other building materials. Never use the chipper to process pressure-treated wood products.

CHIPPING AND SHREDDING RECOMMENDATIONS

OPERATION	PERMITTED WASTE	SIZE LIMITATIONS	NOTES
Shredding	Dry or moist organic material including leaves, plants, flowers, fruits or vegetables.	Do not use for branches!	Alternately chip or shred moist green waste with dry waste to avoid plugging of the discharge chute. Process at a feeding rate that allows the rotor to keep up and maintain a high rate of speed.
Chipping	Long, thicker tree limbs or small bunches of smaller sticks grouped together for ease of handling.	Tree limbs and branches, or bundles of small sticks for easier handling. The total diameter of the branches should not exceed 65 mm.	Bulky tree limbs should be pruned close to the main stem. Always use a shorter piece of wood to push end pieces into chipper cone.

The following schedule should be followed for normal care of your unit.

SAFETY ITEMS	Before each use	Every 5 hours	Every 25 hours	Every 100 hours	Every 250 hours	Spring & Fall
Check for loose hardware		✓				✓
Inspect cone, hopper, and guards	✓					
Clean debris from engine and chipper**	✓					
Inspect/Rotate Shredding Hammers			✓			
Inspect/Rotate Chipping Knives			✓			

**More often in hot (over 85° F: 30° C) weather or dusty operating conditions.

ENGINE MAINTENANCE

Refer to the engine manual included in your parts packet for information on engine maintenance. Your engine manual provides information and a maintenance schedule for performing the following tasks:

1. Keep engine and parts clean.
2. Check engine and equipment often for loose nuts and bolts, keep these items tightened.

PROCEDURE		Every start or 20 hours	Before each use	Every 5 hours	Each 3 months or after 50 working hrs	Each 6 months or after 100 working hrs
Motor oil	Check		✓			
	Replace	First time 5 hours			✓	
Air filter	Check		✓			
	Clean out	✓				
	Replace				✓	
Spark plug	Gap check and control				✓	
	Replace					✓

CHECK FOR LOOSE HARDWARE

Service Interval: Every 5 hours, every spring and fall. Inspect the unit, checking for loose hardware or components. Pay special attention to the hardware attaching the chipper cone, hopper, axle, and front leg.

INSPECT CONE, HOPPER, & GUARDS

Service Interval: Every spring and fall. Check that the chipper cone, shredder hopper, and discharge guards are in place, undamaged, and secure. Replace any damaged or missing parts.

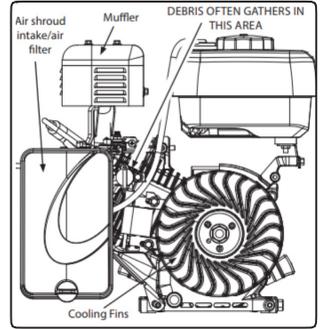
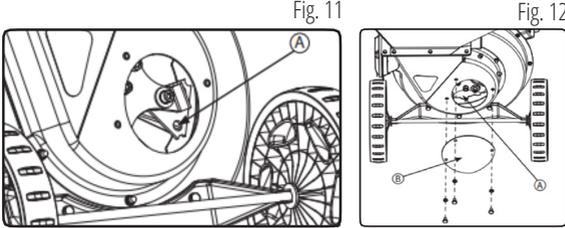
CLEAN DEBRIS FROM ENGINE & CHIPPER

Service Interval: Before each use and every 100 hours. The engine requires air flow to cool itself and for combustion. Before each use, clean any debris from the unit especially from around the air shroud intake, air filter, and muffler. Every 100 hours, remove the engine air shroud and clean out any debris from the engine cooling fins.

INSPECT / ROTATE SHREDDING HAMMERS

Service Interval: Every 25 Hours, or As Necessary.

1. Remove the small circular access panel (B) from the back of the shredder housing. SEE FIGURE 11
2. Inspect the cutting edges of the J-hammers (A). SEE FIGURES 11 AND 12.



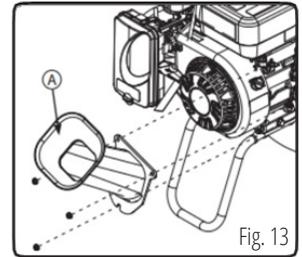
Inspect Chipper Knives
A. Chipper Cone

INSPECT CHIPPING KNIVES

Service Interval: Every 25 hours, or as necessary

The chipping knives of this unit can be rotated or sharpened to provide a new cutting surface as required. When inspecting the knives be careful to avoid touching the sharpened edges. To inspect the chipping knives:

1. Remove the nuts securing the chipper cone to the front of the chipper. Remove the chipper cone (A) to access the knives. SEE FIGURE 13
2. Using the recoil starter, slowly pull the starter rope to rotate the rotor into position so the blades can be seen.



CHECK / CHANGE ENGINE AIR CLEANER

Service Interval: Every 25 hours. The engine air cleaner assembly should be opened, inspected, and the filter element replaced every 25 hours, or as required if debris has built up in the assembly.



IMPORTANT!



Engine is shipped from factory without oil. You must add engine oil before starting engine.



WARNING!



For the safety of the user, and to maximize the life of the engine, it is crucial to make time to check the condition of the engine. Problems must be corrected before operating.



WARNING!



Avoid injury! Engine oil is hazardous to your health. Dispose of oil appropriately. Use a safe disposal/ recycling center.

TROUBLESHOOTING

9

PROBLEM	CAUSE	REMEDY
The engine does not start	<ol style="list-style-type: none"> 1. Out of fuel. 2. Spark Plug fouled. 3. No spark, ignition problems. 4. Old or stall fuel. 	<ol style="list-style-type: none"> 1. Add fuel. 2. Remove spark plug. Clean/Replace as recommended in engine manual. 3. See your authorized dealer or service center. 4. See your authorized dealer or service center.
Engine exhaust is black	<ol style="list-style-type: none"> 1. Dirty air filter. 2. Choke closed. 	<ol style="list-style-type: none"> 1. Replace air filter. 2. Open choke.
Engine runs, but no material is discharged	<ol style="list-style-type: none"> 1. Discharge chute clogged. 	<ol style="list-style-type: none"> 1. Clean out debris.

PROBLEM	CAUSE	REMEDY
Excessive branch vibration when chipping materials	<ol style="list-style-type: none"> 1. Chipper knives dull. 2. Tree limbs are extremely hard or dried out. 	<ol style="list-style-type: none"> 1. Sharpen/Replace chipper knives 2. Material is not suitable for chipping.
Unusual noise or vibration when chipping materials	<ol style="list-style-type: none"> 1. Rotor overloaded with material. 2. Hammer are broken, bent, or loose. 3. Hammers frozen in place. 	<ol style="list-style-type: none"> 1. Allow unit to clear itself before adding more material to the hopper. 2. Check assembly. Tighten or replace as necessary. 3. Check for obstructions and debris. Repair or replace as necessary.

REPAIR

10

SHREDDING HAMMER ROTATION AND REPLACEMENT

The cutting edges of the shredding hammers may eventually wear out requiring rotation of the hammer or replacement if all cutting edges have been dulled. Triangular hammers can be rotated twice after the first edge dulls, then flipped over once and rotated again for a total of 6 edges. J-hammers can be flipped over once for a total of two cutting edges.

To rotate the shredding hammers:

1. Turn the engine off and wait for all moving parts to stop.
2. Detach the rotor housing and hopper from the rotor plate. SEE FIGURE 14
3. Note the assembly sequence of the hardware used to secure the hammers. Using an 10mm allen wrench remove the socket head cap screw (A) and related hardware. SEE FIGURE 15
4. Inspect the hammers (C, G), spacer tubes (D, E), and hardware. If the spacer tube (D, E) shows signs of wear, replace it. Inspect and flip, or replace the hammers (G, C).
5. Reassemble the hammers, spacers, washers, and cap screws. Torque the socket head cap screws (A) to 30-35 ft. lbs. (41-47 N.m.) The J-hammer (G) on the opposite side of the rotor faces outward for balanced rotation.
6. Repeat for all the hammers

- A. Socket Hd. Cap Screw
- B. Lock washer
- C. Triangular Hammer
- D. Spacer, long
- E. Spacer, short
- F. Washer
- G. J-Hammer

Gaining access to the knives and hammers

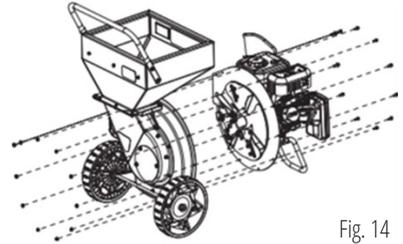


Fig. 14

Rotor housing

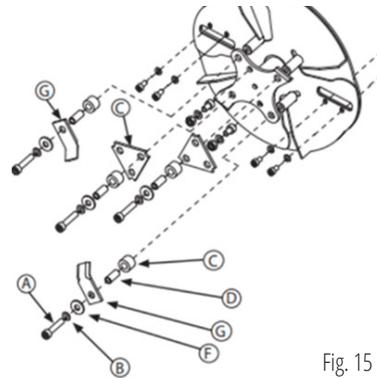


Fig. 15

CHIPPING KNIVES SHARPENING AND REPLACEMENT

The chipping knives should be sharpened or replaced when tree limbs require extra force to feed into the chipper cone. The chipping knives may be sharpened at a 30 degree angle until the distance between the edge of the blade bevel and the mounting hole is less than 1/16" (1.6mm). SEE FIGURE 16.

Removing the Rotor Housing

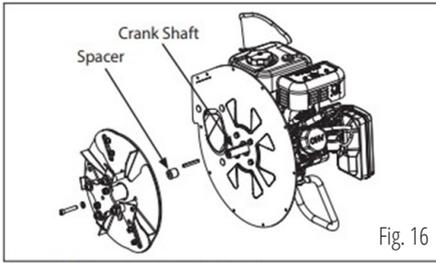


Fig. 16

Removing the Chipper Knives

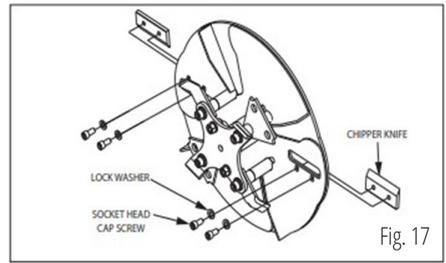


Fig. 17

1. Turn the engine off and wait for all moving parts to stop.
2. Detach the rotor housing and hopper from the rotor plate. SEE FIGURE 14
3. Remove the rotor by removing the hardware that secures it to the engine crank shaft. SEE FIGURE 16
4. Using a hex wrench, remove the two socket head cap screws and the chipper knife. SEE FIGURE 17

Chipper Knife Minimum Cutting Edge

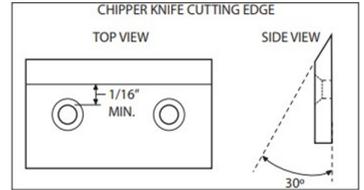


Fig. 18

5. Inspect, rotate, sharpen, or replace the chipper knife. SEE FIGURE 18
6. Reinstall the chipper knife and tighten the socket head cap. We recommend the use of high strength threadlocker on screws.



NOTICE



Do not lose spacer. During reassembly Be sure to place spacer is installed inside rotor. Without spacer, rotor will interfere with housing components.



WARNING!



The chipper shredder assembly diagram in this manual is for reference only. Repairs and parts replacement must be performed by a certified technician and not the operator.

WARRANTY SERVICE TERMS

11

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.

This manual compliance! You can find a list of service center addresses on the website of exclusive importer: www.ks-power.de/en



EC Declaration of Conformity

Nr. 089

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: Hauptstr. 134, 51143 Cologne, Germany

Product: Wood chipper-shredder "K&S BASIC"

Type / Model: KSB 300WS

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
(EU) 2016/1628 Non-Road mobile machinery emissions
2000/14/EC Noise Directive

Applied Standards: EN ISO 14982:2009
EN ISO 12100:2010
EN 13683:2003+A2:2011/AC:2013

Gasoline engine KS 230 corresponds to European Emission Standard Euro V.
This is confirmed by EU TYPE-APPROVAL CERTIFICATE granted by NSAI certification.
Technical service responsible for carrying out the test -TÜV SÜD Auto servise GmbH in München, Germany
Date of issue 17/01/2019

2000/14/EC_2005/88/EC Annex VI

For model KSB 300WS noise guaranteed $L_{WA} = 113$ dB (A).



Issued Date: 2020-10-06
Place of issue: Warsaw city
Technical expert: Homenco A.



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:

DIMAX International GmbH
Deutschland, Hauptstr. 134,
51143 Köln,

www.ks-power.de

Ihre Bestellungen

orders@dimaxgroup.de

**Kundendienst, technische Fragen
und Unterstützung**

support@dimaxgroup.de

Garantie, Reparatur und Service

service@dimaxgroup.de

Sonstiges

info@dimaxgroup.de

Polska:

DIMAX International
Poland Sp.z o.o.

Polen, Warczawska, 306B
05-082 Stare Babice,

www.ks-power.pl

info.pl@dimaxgroup.de

Україна:

ТОВ «Техно Трейд КС»,
вул. Електротехнічна 47,
02222, м. Київ, Україна

www.ks-power.com.ua

sales@ks-power.com.ua
