

FEIDER

MACHINES



CONCRETE CUTTER

FDB58

USER GUIDE

CAUTION: Read the instructions before using the product.

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1. INSTRUCTIONS

WARNING!



Read and understand this Manual. Always follow safety precautions in the Operator's and Safety Manual, Improper use can cause serious injury! Preserve this Manual carefully!

WARNING!

FUELS WITH MORE THAN 10% ETHANOL ARE NOT APPROVED FOR USE IN 2-STROKE ENGINES! Use of alternative fuels, such as E-20(20% ethanol), E-85 (85% ethanol) or any fuels not meeting requirements are not approved for use in 2-stroke gasoline engines!

USE OF ALTERNATIVE FUELS CAN CAUSE THE FOLLOWING PROBLEMS:

Poor engine performance, loss of power, overheating, fuel vapor lock, Improper clutch engagement, premature deterioration of fuel lines, premature deterioration of gaskets, premature deterioration of carburetors.

USING ALTERNATIVE FUELS AND/OR 2-STROKE OILS NOT IN CONFORMITY IN 2-STROKE ENGINES WILL VOID YOUR ENGINE WARRANTY!

1.1 SAFETY PRECAUTIONS

Since the Concrete Cutter is a very high-speed tool, any misuse could be dangerous. In order to avoid property damage or personal injury, it is EXTREMELY IMPORTANT that you read and follow these safety precautions before you begin to use this appliance.

1. Worksite requirements:

- a) The work site must be free of flammable or explosive materials or objects.
- b) The surroundings of the work site must be tidy, unobstructed, with good visibility and well ventilated. The operator on the ground must stand on non-slippery ground. Be very careful when working in wet areas or during the rainy season (rain, snow, frost, ice).
- c) Spectators should stay away from the saw during operation. Children, disabled people and animals must always be kept away from the work site.
- d) An object could be thrown at the operator by the cutting tool. It is therefore important to correctly position the object to be cut to avoid inconvenience.
- e) Organize the work to be undertaken, paying attention to the survey of the site in order to identify hazards such as electric cables and flammable substances.
- f) Use warning signs to advise people not to enter the work area.

2. Cutting disc

- a) Before installing a blade, make sure that the maximum operating speed of the blade exceeds or is equal to the rotational speed of your circular saw.
- b) Inspect the circular blade frequently and if the cutting blade is scratched or scraped, please replace it immediately. Damaged blades could cause serious personal injury.
- c) Never use the carbide blade, wood cutting blades or circular machine blades. Failure to do so could cause serious injury or even death.
- d) Use the appropriate blades for the different types of material to be cut.
- e) Diamond blades have better cutting performance compared to abrasive blades. The blades have steel in the center and the diamond particles are distributed on their cutting sides.

- f) The diamond blade could be used for hot and cold cutting. Cold cutting extends the life of your diamond blades.
- g) When installing the blade, make sure that the arrow of the blade points in the direction of rotation of the shaft.
- h) The motor must be turned off during blade installation.
- i) Correct installation of the V tension belt is very important. In order to avoid incorrect settings, the tensioning procedure must be followed as described in this manual.
- j) Use only cutting discs designed for use on portable concrete cutters.
- k) Warning - Do not use cutting discs not intended for portable concrete cutters. This type of disc can cause accidents and injuries.
- l) Use only wheels designed for use on the chain saw. It is forbidden to use any other type of cutting accessory designed for use. The cut-off wheel must have an authorized speed of rotation at least equal to the maximum spindle speed indicated on the machine.
- m) Check the cut-off wheel for cracks, deformation of shape or imbalance. Do not use a machine that does not meet this requirement.
- n) Warning - Do not leave the engine running unattended, e.g. on the ground.
- o) Do not transport the machine with the engine running.
- p) Warning - The machine must not be used in the presence of flammable substances and gases. Always provide enough ventilation.
- q) Warning - the machine produces exhaust gases, which include hydrocarbons and benzene; Sufficient ventilation should be provided, not only when used indoors, but also when working in trenches, pits or other confined areas.

3. Operator

- a) The Concrete Cutter is a one-person-only tool.
- b) Always make sure that the operator is in good physical condition and is not under the influence of substances such as drugs or alcohol which may affect his vision or his dexterity. Please take several breaks to avoid getting tired. Spectators, especially children, should not be allowed to stay in the work area.
- c) Never operate the Concrete Cutter without supervision. Untrained persons should not be allowed to use this device.
- d) Never lend or rent your machine without its user manual.
- e) Operators must have a training program for this device to ensure safe operation of the Concrete Cutter.
- f) Avoid wearing loose clothing, scarves, necklaces, flared pants. Wear whole clothes or long pants and safety shoes to protect your feet. Avoid wearing shorts.
- g) Protect your hands with gloves when handling the Concrete Cutter. Non-slip gloves make handling easier and protect your hands.
- h) Use the Concrete Cutter with both hands. Hold the front and rear handles firmly. Always maintain good balance.
- i) Good foot balance is important. Wear boots with non-slip soles. Safety shoes with steel reinforcement are strongly recommended.
- j) In the interest of reducing injury to your eyes, never operate this device without wearing safety glasses that fully protect your eyes. Adequate eye protection is a must!
- k) Wear a sturdy, approved safety helmet to protect your head. The noise of the Concrete Cutter could damage your hearing. Wear hearing protection or ear muffers always.

- l) Wearing a mask. Cutting on the construction site as well as cutting concrete, metal and other materials that may generate dust, mists or fumes containing chemicals could cause serious injuries or illnesses such as respiratory defects, cancer, reproductive failure and other reproductive harm. Cutting masonry, concrete and other materials containing silica in their composition could cause crystalline silica. Silica is a building block in sand, quartz, brick clay, granite, and many other minerals and rocks. It is recommended to wear an approved mask.
- m) Avoid cutting materials containing asbestos because asbestos or asbestos dust could cause serious physical injury. Avoid cutting highly volatile materials or flammable substances.
- n) Avoid leaving the machine unsupervised.
- o) Use the tool only for its intended use. All other operations are prohibited.
- p) Do not use the tool for an extended period. Limit the time of use and take some rest during the operation.
- q) Prolonged use of this product exposes the operator to vibration and may produce what is called "white finger" disease. To reduce the risk, wear gloves and keep your hands warm. If any of the symptoms of "white finger syndrome" appear, seek medical attention immediately. Symptoms of "white finger" include numbness, loss of sensitivity, tingling and pain, loss of strength, color changes, or skin problems. These symptoms usually appear on the fingers, hands, or wrists. The risk increases at low temperatures.
- r) Warning - dangers may be encountered during the operation such as reactive movement (ie climbing, pulling, pinching and especially spinning reactions); Always hold the machine firmly, inspect the work area and always work on a stable and safe surface. Do not force the machine.

4. Inspection of the Concrete Cutter before use

- a) Make sure there are no loose objects or near the device.
- b) Except for the carburetor adjusting screws, all other fuel tank bolts, nuts, screws, and cap must be properly tightened. Make sure that all the fuel system hoses are properly connected without leaking.
- c) Make sure that the blades are turning correctly, and that the starter cord could be pulled out and put back in place without getting caught.
- d) Check the throttle trigger, full throttle lock button, choke lever and decompressor and circuit breaker to be sure they are operating properly.
- e) Check to make sure that the blade guard has no visual defects. Adjust the blade guard as needed so that sparks and debris generated during cutting are not directed towards the operator.
- f) Make sure the V belt is tight.
- g) Make sure the saw is not leaking gasoline.
- h) Make sure the main cover and handles are dry and clean.

5. Start-up precautions

- a) Maintain a good balance and secure the position of the feet. Do not start the machine if the saw is damaged. It must be correctly assembled and adjusted.
- b) Do not start the machine if the blade is damaged. It must be correctly assembled and adjusted.
- c) To start, place the machine firmly against the ground and make sure that the blade is not in contact with the ground or the object to be cut.
- d) Pull the Starter vigorously and gently put it back in place. Avoid leaving the handle halfway.

6. Precautions concerning the operation

- a) Maintain good balance and keep a firm foot position while holding the saw firmly.
- b) Squeeze the throttle trigger to gradually accelerate the engine. Wait for the blade to reach maximum speed before starting to work.

- c) Move the rotating blade gently towards the object to be cut, gradually increasing the pressure once the cutting edges contact the object. Make sure the depth of cut is appropriate.
- d) Avoid changing direction or turning while cutting as this may place a large torsional load on the blade and cause it to fail. Only move the machine in a straight line, forward and / or backward in the cutting direction.
- e) When cutting, keep a distance between your body and the saw; Make sure your body does not meet the rotating parts.
- f) Release the pressure on the saw when the blade finishes cutting. The cut portion of the object may fall off, so avoid it crushing you or bending the saw.
- g) Whenever you hear abnormal sound from the Concrete Cutter, immediately stop cutting and inspect (Note: Muffler and blade are very hot currently). Only start working again when the problem is resolved.
- h) Avoid making any adjustments, maintenance or troubleshooting while the machine is running.
- i) Take care when resuming a cut or when turning the blade at an angle. You should also be careful of the pressure exerted on the blade so as not to damage it.

7. Fuel refueling precaution

- a) Refuel the machine only in a well-ventilated environment.
- b) Before refueling, allow the engine to cool naturally. Avoid taking measures to speed up the cooling of the engine.
- c) Carefully remove the fuel tank cap to allow any pressure stuck in the tank to release slowly.
- d) Tighten the fuel cap securely after refueling and clean up any leaks.
- e) Do not smoke while refueling.
- f) Do not bring any source of ignition during refueling.
- g) Be careful of fuel spills and ignition of fire by sparks when cutting. In the event of a spill, stop work, clean the area and the machine. Make sure the area is safe before starting over.

8. Notes on transport

- a) Always stop the engine before repositioning the saw.
- b) When transporting the machine, avoid getting burned by the muffler.
- c) Be careful that the saw does not touch the ground or hard objects.

9. Notes on maintenance

- a) Perform maintenance or repair work in a clean and tidy environment. Use clean tools and operate with care.
- b) Avoid modifying the disc in any way. Use only identical spare parts.
- c) The Concrete Cutter is intended for cutting work only and should not be used to spread or lift objects, or as a tool for grinding with the sides of the blade.

10. Storage

- a) Ensure maintenance and cleaning before storing the machine.
- b) Store the machine out of the reach of children in a dry place. It is recommended to place it in its box.

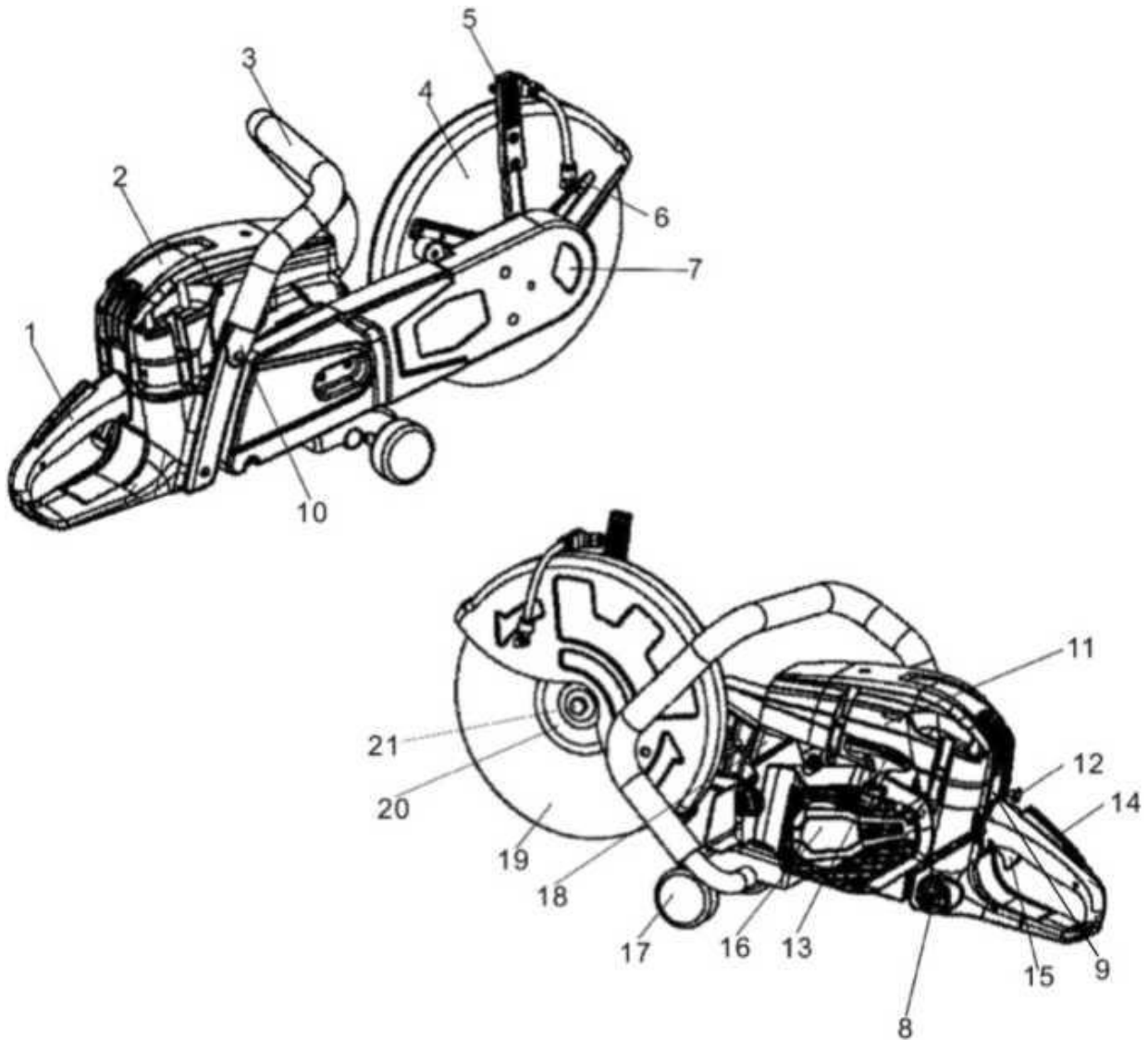
1.2 SYMBOLS

  	<p>READ THE INSTRUCTION MANUAL.</p>
 	<p>WARNING! RISK OF PROJECTION - KEEP BYSTANDERS AWAY</p>
	<p>WARNING! RISK OF INHALATION OF TOXIC GASES</p>
	<p>WARNING! RISK OF CUT FROM CUTTING MEANS</p>
	<p>WARNING! RISK OF EXPLOSION</p>
	<p>BEWARE OF KICKBACK</p>
	<p>DO NOT USE BROKEN BLADES</p>
	<p>DO NOT USE SAW BLADES</p>
	<p>AVOID CONTACT WITH FLAMMABLE PRODUCTS</p>

	DO NOT USE THE MACHINE IN RAIN
	WEAR A PROTECTIVE MASK
	WEAR HEARING PROTECTION
	WEAR EYE PROTECTION
	WEAR A PROTECTIVE HELMET
	WEAR PROTECTIVE EQUIPMENT (HELMET, GOGGLES, HEADPHONES)
	WARNING SYMBOL
	GUARANTEED SOUND POWER LEVEL

2. YOUR PRODUCT

2.1 PRODUCT DESCRIPTION

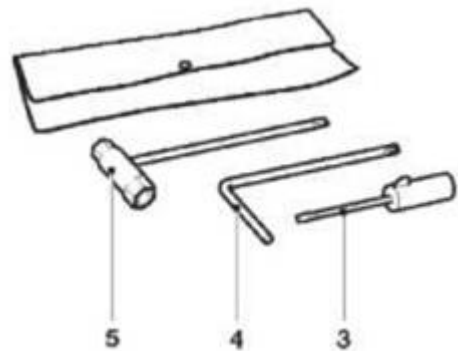
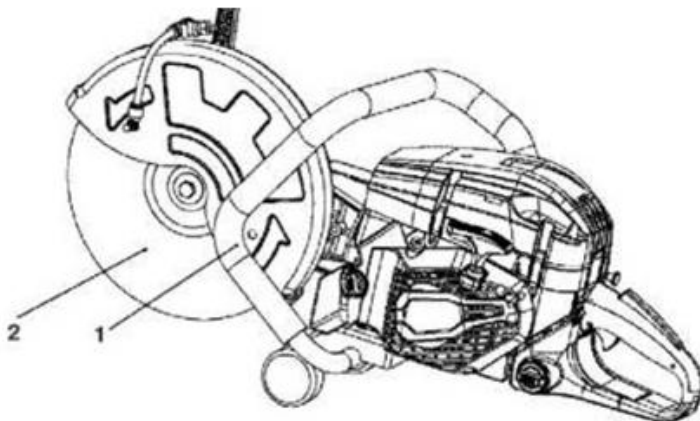


- | | |
|--------------------------|---------------------|
| 1. Handle | 12. Choke |
| 2. Air filter cover | 13. Starter handle |
| 3. Tubular handle | 14. Trigger control |
| 4. Wheel cover | 15. Trigger |
| 5. Adjust handle | 16. Starter |
| 6. Adjusting screw | 17. Wheel |
| 7. Belt protection cover | 18. Muffler |
| 8. Tank cap | 19. Cutting disc |
| 9. ON/OFF switch (I/O) | 20. Big plate |
| 10. Tubular handle cover | 21. Screw |
| 11. Cover | |

2.2 TECHNICAL DATA

Engine type	1E58F-1 2stroke, single cylinder, air cooled
Displacement	58cm ³
Carburetor	Walbro
Spark plug	TORCH
Power	2.4kW @8500/min
Fuel tank capacity	550ml
Mixture ratio (fuel/two-stroke oil)	40:1
Weight (tanks empty, without cutting disc)	10,4kg
Cutting disc	Ø305mm x Ø25,4mm
Cutting disc speed:	4800/min
Wheel-fastener tightening torque, in newton meters (Nm).	28,6
Minimum flange outside diameter, <i>df</i> , in millimetres (mm).	97mm
Spindle diameter	25mm
Maximum spindle speed	4800/min
Sound pressure level LpA	92.5dB(A), K=3dB(A)
Sound power level LwA	111dB(A), K=3dB(A)
Guaranteed sound power level according to 2000/14/14/EC	116dB(A)

2.3 DELIVERY CONTENTS



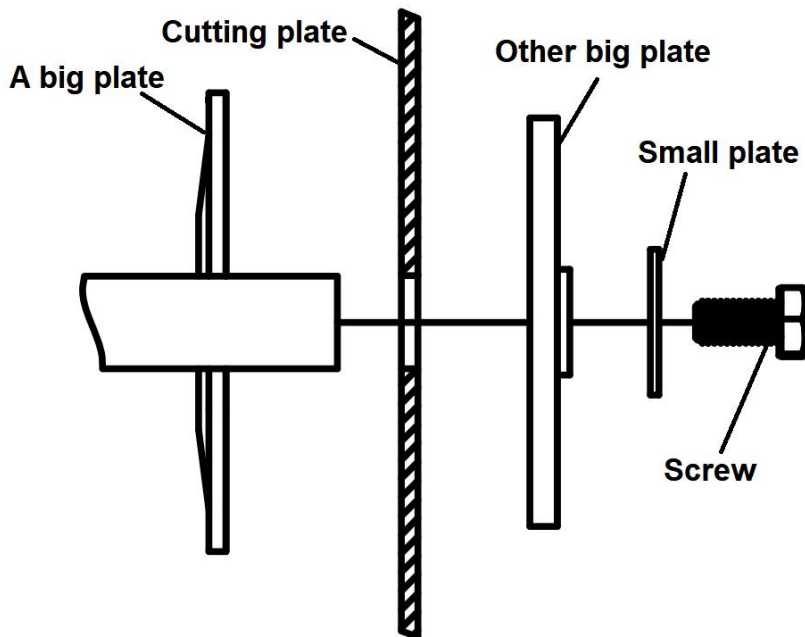
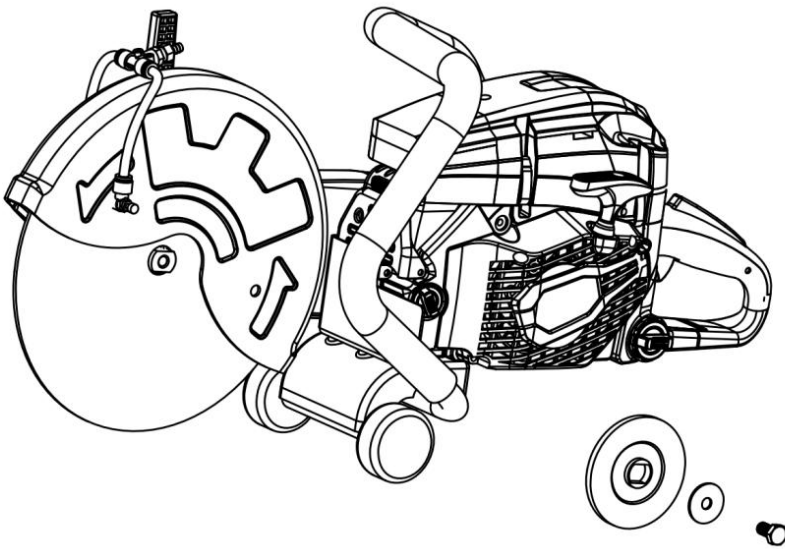
1. Concrete Cutter
2. Cutting disc
3. Screwdriver
4. Offset screwdriver
5. Universal wrench 13/19

In case of the parts listed should not be included in the delivery inventory, please consult your sales agent.

3. ASSEMBLY

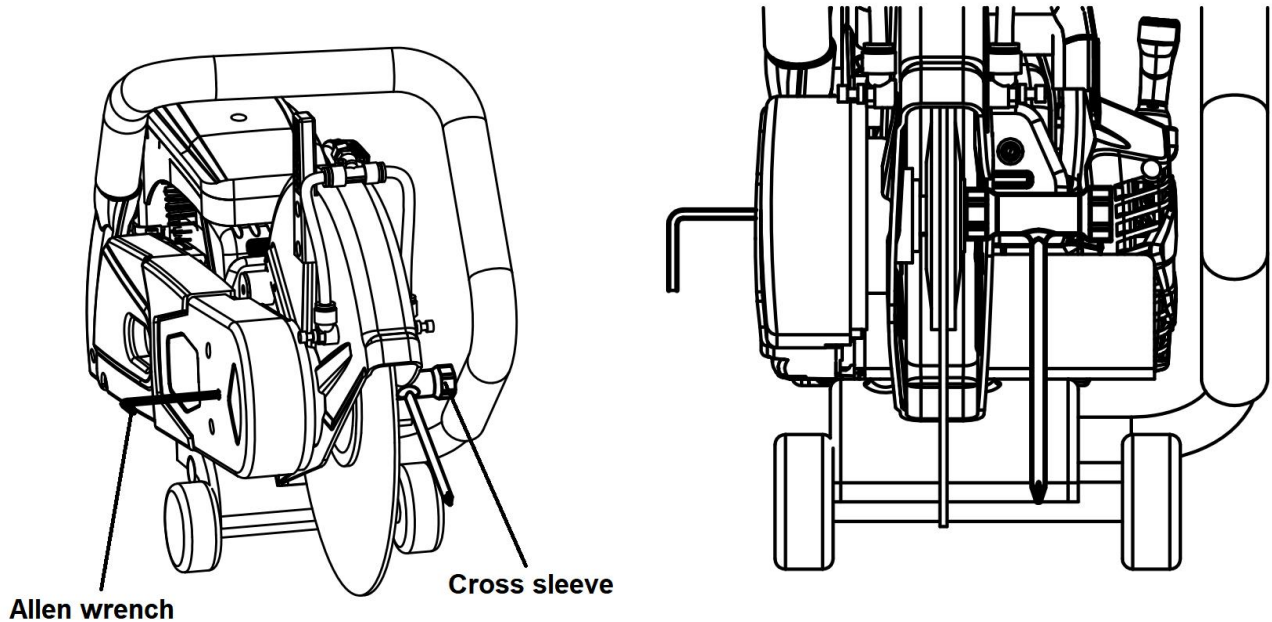
3.1 MOUNTING THE CUTTING DISC

- Place the machine on a plane and a stable surface. If the plates are placed on the machine, they shall be removed.
- Place, in the following order:
 - A big plate
 - The cutting plate (the cutting direction is marked on the disc),
 - The other big plate
 - The small plate
 - Then, screw the disc with the M10*20 outer hexagonal screw.



3.2 DISASSEMBLING

- Insert the 4mm Allen wrench into the middle hole of the belt protection.
- Use the cross sleeve M10*20 outer hexagon screws to loosen the screw.
- Remove the small plate, the big plate, the cutting plate and the second big plate.



4. FILLING FUEL TANK

4.1 FUEL AND OIL

Caution:

This tool uses petroleum products (gasoline and oil). Be especially careful when handling gasoline. Do not smoke. Do not allow gasoline to come near flames, sparks or fire (explosion hazard)

Fuel mixture

This tool is powered by a high-performance air-cooled two-stroke engine. It runs on a mixture of gasoline and two-stroke engine oil.

The engine is designed for unleaded regular gasoline with a min octane value of 89 (R+M)/2. In case no such fuel is available, you can use fuel with a higher-octane value. This will not affect the engine.

In order to obtain an optimum engine output and to protect your health and the environment use unleaded fuel only.

To lubricate the engine, use a synthetic oil for two-stroke air-cooled engines, which must be added to the fuel.

The correct mixture ratio 40:1 (40-part gasoline to 1-part oil)



NOTE For preparing the fuel-oil mixture, first mix the entire oil quantity with half of the fuel required, then add the remaining fuel. Thoroughly shake the mixture before filling it into the tank (use the provided can for the mix).

Caution: Open the tank cap carefully, as pressure might have built up inside!

It is not wise to add more engine oil than specified to ensure safe operation. This will only result in a higher production of combustion residues which will pollute the environment and clog the exhaust channel in the cylinder as well as the muffler. In addition, fuel consumption will rise, and performance will decrease.

Storage of the fuel

Fuels have a limited storage life. Fuel and fuel mixtures age through evaporation, especially at high temperatures. Aged fuel and fuel mixtures can cause starting problems and damage the engine. Purchase only that amount of fuel, which will be consumed over the next few months. At high temperatures, once fuel has been mixed it should be used up in 6-8 weeks.

Store fuel only in proper containers, in dry, cool, secure locations!

AVOID SKIN AND EYE CONTACT

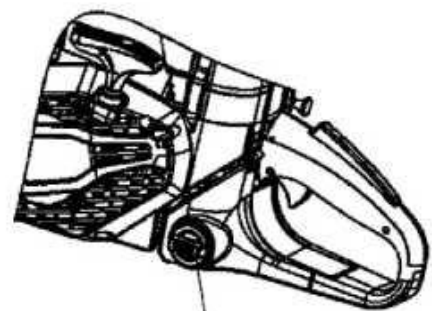
Mineral oil products degrease your skin. If your skin meets these substances repeatedly and for an extended period, it will desiccate, various skin diseases may result. In addition, allergic reactions are known to occur. Eyes can be irritated by contact with oil. If oil comes into your eyes, immediately wash them with clear water, if your eyes are still irritated, see a doctor immediately!

4.2 REFUELLING

IMPORTANT;

FOLLOW THE SAFETY PRECAUTIONS:

- Be careful and cautious when handling fuels.
- The engine must be turned off and cooled down
- Carefully clean the area around the fuel-tank filler neck to keep dirt from getting in the tank.
- Place the Concrete Cutter on an even surface.
- Unscrew the tank cap and fill tank with fuel mixture. Take care to avoid spilling.
- Screw the tank cap back on hand-tight
- Clean screw cap and tank after refueling.



Fuel mixture

Never start or operate the Concrete Cutter in the same place as it was fueled. If fuel gets on your clothing, change clothes immediately.

5. OPERATION

5.1 STARTING THE ENGINE

CAUTION:

Start the Concrete Cutter only after complete assembly and inspection.

- a) Move at least 3m (10 feet) away from the place where you fueled the Concrete Cutter.
- b) Make sure you have a good footing and place the Concrete Cutter on the ground in such a way that the cutting disc is not touching anything.



5.2 WATER SUPPLY

A water supply line (from a pressurized water tank or other source) is connected by the water set on the protective cover. The water flow rate can be adjusted with the adjusting screw. Press the 1/2" hose into the holder.

For a slower flow, turn the adjusting screw clockwise.

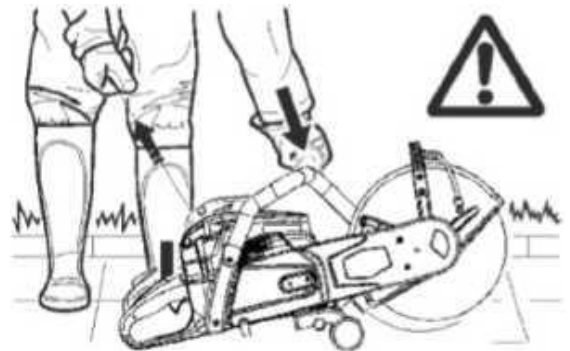
For a faster flow, turn it counter-clockwise.

5.3 COLD STARTING

- Switch on the machine by pushing the ON/OFF (I/O) on the position I.
- Pull the choke lever. It will close and the throttle will be moved to the starting position.
- Pull starter cable smoothly until you hear the first Ignition (max. 3-5 pulls).

CAUTION Do not pull the starter cable more than about 50 cm/20' out.

- Push the choke lever.
Pull the starter cable smoothly.
- As soon as the engine is running, grasp the rear handle and press the lock trigger and the trigger.



5.4 WARM STARTING

As described above for cold starting, it doesn't need to pull the choke lever. If the engine doesn't start after 2 or 3 pulls, repeat the entire starting procedure as described for cold starting.

Note If the engine was switched off only for a short time, the saw can be started without using choke lever.

STOPPING

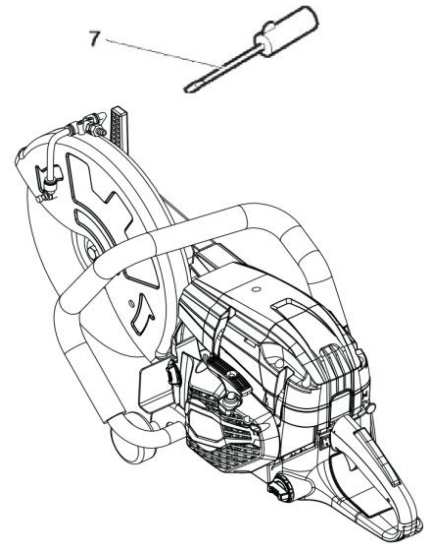
Switch off the machine by pushing the ON/OFF button (I/O) of the position O.

Wait until the total stop of the disc before doing the maintenance and storing the machine.

5.5 CARBURETOR ADJUSTMENT

The idle speed is preset at the factory. However, the break-in procedure of a new machine may require a slight readjustment of the idle speed.

- Start the engine and run it until it is warm (about 3 to 5 minutes).
- Use the screwdriver provided (7). It has a welded heel for adjustment.



5.6 CORRECT IDLE SPEED

- If the blade disc rotates when the engine is idling, turn the throttle stop screw (T) counterclockwise in small increments until the blade stops spinning.
- If the engine suddenly stops at idle, slightly unscrew the screw clockwise.
- Switch off the machine.

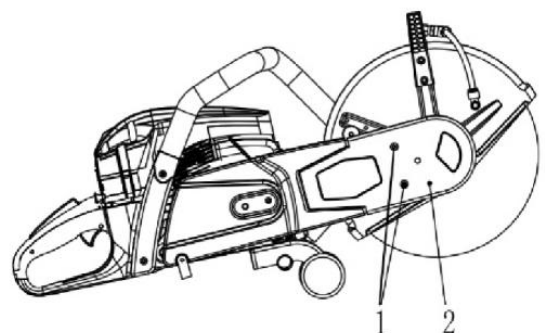
6. MAINTENANCE AND SERVICING

CAUTION:

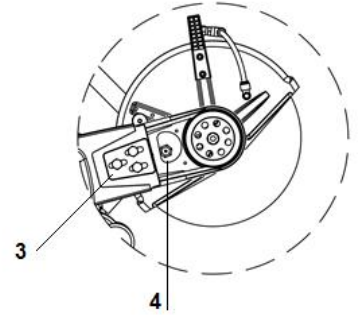
- **Before maintenance and servicing, dismantle the machine (as explained in the chapter “removing the disc”.**
- **It is recommended to wear protective gloves when handling the machine.**
- **The machine must be cooled before carrying out maintenance and cleaning.**
- **Carry out regular maintenance on the machine and strictly follow the instructions given in this manual.**
- **For all other maintenance not mentioned in this instruction manual and in the event of a problem with the machine, take it to a service center.**
- **The machine must always be kept in good working order.**
- **Lack of cleaning and maintenance will shorten the life of the machine, lead to poor work results and may cause damage.**
- **Use non-conforming replacement components, or remove or modify safety components in order to avoid machine breakdowns and accidents. Always follow the instructions given in this manual.**

6.1 CHANGING THE V-BELT

- Loosen bolts (1) and remove belt cover (2)
- Loosen the three bolts (3).
- Use the combination tool to turn the nut (4) about one turn counter-clockwise.
- Remove the old V-belt or belt fragments.
- Clean out the interior with a brush.
- Insert a new V-belt.



- g) Use the combination tool to turn the nut (4) forcefully clockwise to its original position (V-belt is now tight),
- h) Put back and tighten the 3 bolts (4).
- i) Put the belt cover (2) on and tighten the bolts (1).



Note: The V-belt is highly elastic, so it is not necessary to retighten it. A worn V-belt causes the cutoff disc turns at the lowest idle speed. In this case, the V-belt must be replaced.

6.2 CLEANING THE PROTECTION COVER

Over time, the inside of the protective hood can become caked with material residue which if allowed to accumulate can hinder the free rotation of the cutting disc.

For this reason, the hood must be cleaned out from time to time.

Take off the cutting wheel with spring washer and remove the accumulated material from inside the hood with a strip of wood or similar implement.

Clean the shaft and all removed parts.

NOTE: To install the cutting wheel see “Mounting the cutting disc”.

6.3 CLEANING /CHANGING THE AIR FILTERS

CAUTION:

Turn off the engine before cleaning the air filter! Never clean out the air filter with compressed air! Do not use fuel to clean the air filter foam (3) and inner filter (6).

The service life of the engine depends on the condition and regular maintenance of the filter elements. Failure to perform maintenance and cleaning at the prescribed intervals will cause increased wear inside the engine.

If the air filter becomes damaged, replace immediately; Pieces of cloth or large dirt particles can destroy the engine.

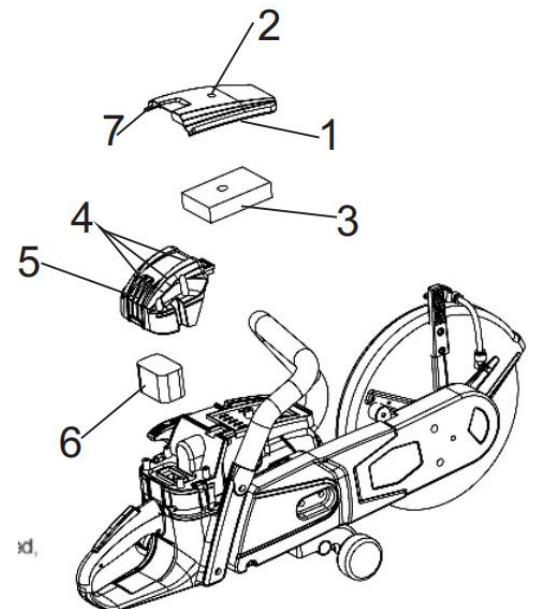
6.4 FOAM FILTER

Loosen the bolt (2) and remove the filter cover (1).

Take out the foam filter (3) out of the cover (1).

Wash out the foam filter with a neutral detergent and water. Make it completely dry before reinstalling it.

When the foam filter is too dirty, it shall be replaced by a new one.



6.5 CARTRIDGE FILTER

Loosen the bolts (4) on the cover and remove the cover. Remove the cartridge filter (6).

To clean the cartridge filter, carefully tap it on a surface. Do not clean it with water.

Replace the cartridge filter every 20 operating hours.

Note: check and clean the air filter every 6 hours.

Replace it immediately if there is a drop in power, drop in speed or smoke in the exhaust.

6.6 REPLACING THE SPARK PLUG

CAUTION:

Do not touch the spark plug or plug cap if the engine is running (high voltage).

The spark plug must be replaced in case of damage to the insulator, electrode erosion (bum) or if the electrodes are very dirty or oily.

CAUTION: To avoid damaging the pressure relief valve when unscrewing the spark plug, position the combination tool so that you do not touch the valve.

Steps of removing spark plug:

1. Open the engine cover with the screwdriver
2. Remove 3 clips from the cover of the air filter
3. Unscrew the other screw on the side of the cover
4. Remove the whole cover of the air filter
5. Remove the ignition coil cap
6. Then remove the spark plug
7. Replace the spark plug by a similar model. Ask advice to the service agent.
8. Reassemble this part of the machine in reverse order.

Checking the Ignition spark

Insert the combination tool between the ventilation and cylinder.

CAUTION!

Do not Insert the combination tool into the spark plug hole but make contact only with the cylinder (otherwise you may damage the engine).

Using insulated pliers, hold the spark plug (unscrewed but with the plug cap on) against the combination tool (away from the spark plug hole).

Switch the combination switch to "ON/I".

Pull the starter cable hard.

If the function is correct, an ignition spark must be visible near the electrodes.

6.7 REPLACING THE SUCTION HEAD

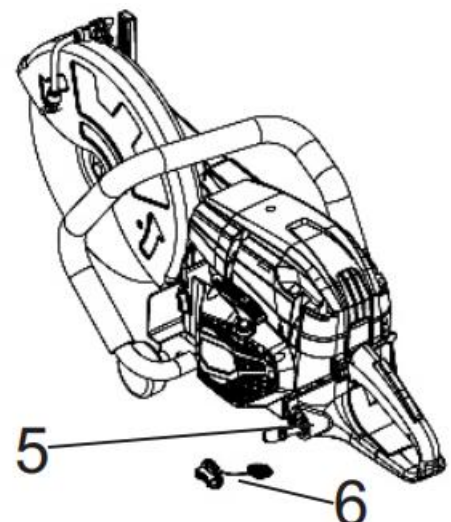
The filter (5) of the suction head can become dogged; It is recommended to replace the suction head once every three months in order to ensure unimpeded fuel flow to the carburetor.

Unscrew the tank cap (6), pull the retainer out of the opening.

Empty fuel tank.

Use a wire hook to pull the suction out of the tank opening for replacement.

Caution: Do not allow fuel to meet skin!



6.8 INSTRUCTIONS FOR PERIODIC MAINTENANCE

To ensure long life, prevent damage and ensure the full functioning of the safety features the following maintenance must be performed regularly. Guarantee claims can be recognized only if this work is performed regularly and properly Failure to perform the prescribed maintenance work can lead to accidents! Users of the tool must not perform any maintenance work not described in this Operator's manual. All such work must be carried out by a service center.

General	Entire machine Cutting disc Clutch Protection cover	Clean exterior check for damage. In case of damage, have repaired by a qualified service center immediately Inspect regularly for damage and wear. Have inspected at a service center. Clean
Before each start	Cutting disc Protective hood Switch Safety locking button Throttle lever Tank cap	Inspect for damage and make sure the cutting wheel is right for the job Adjust position Functional check Functional check Functional check Check for tightness
Every day	Idle speed	Check (cutting disc must not tum on idle)
Every week	Starter housing Starter cable V-belt Spark plug Muffler Screws and nuts	Clean to ensure proper air cooling Check for damage inspect for damage and wear Check and replace if necessary Check tightness of mounting Check their condition and that they are firmly secured.
Monthly	Air filter insert	Check the air filter insert, clean as needed, replace alter 500 operating hours
Every 3 months	Suction head Fuel Tank	Replace Clean
Annually	Entire machine	Check at an authorized service center
Storage	Entire machine Cutting disc Fuel tank	Clean the exterior, check for damage. In case of damage, have repaired by a qualified service center Immediately Remove and clean Empty and clean

7. TROUBLESHOOTING

Malfunction	System	Observation	Cause
Cutting disc does not start turning	Clutch	Engine runs	Damage to clutch
Cutting disc runs in idle	Carburetor, clutch V-belt	Cutting disc runs	Incorrect idle speed, blocked clutch belt has insufficient tension, V-belt is worn
Engine does not start or only with difficulty	Ignition system	Ignition spark	Malfunction in fuel supply system, compression system, mechanical malfunction.
		No ignition spark	Fault or short-circuit in the wiring, plug cap or spark plug defective,
	Fuel supply	Fuel tank is filled	Choke in wrong position, carburetor defective, suction head dirty, fuel line bent or interrupted.
	Compression system	Inside	Cylinder base packing ring defective, radial shaft packing defective, cylinder or piston rings defective
		Outside	Spark plug does not seal.
Mechanical malfunction	Starter does not engage	Spring in starter broken, broken parts Inside the engine.	
Warm start difficulties	Carburetor	Fuel tank is filled	Wrong carburetor adjustment, Ignition spark
Engine starts, but dies immediately	Fuel supply	Fuel tank is filled	Wrong Idling adjustment, suction head or carburetor dirty. Tank venting defective, fuel line Interrupted, cable defective, switch defective. Decompression valve dirty.
Insufficient power	Several systems may be Involved simultaneously	Engine is idling	Filtre à air sale, mauvais réglage du carburateur, silencieux bouché, canal d'échappement dans le cylindre bouché, écran pare-étincelles bouché.

8. DECLARATION OF CONFORMITY



BUILDER SAS

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Declares that the machine named below

Concrete Cutter

FDB58

Serial number: 20220214515- 20220214564

Complies with the following European Directives:

Machinery Directive 2006/42/EC

EMC Directive 2014/30/EU

Emission Regulation (EU) 2016/1628

Applicable harmonized standards:

EN ISO 19432-1:2020

EN ISO 14982:2009

Guaranteed Sound Power Level	116dB(A)
Sound power level	L _{WA} : 111 dB(A) K= 3dB(A)

Cugnaux, 15/10/2021

Philippe MARIE / CEO

Responsible of technical file: M. Olivier Patriarca



BUILDER SAS
32, rue Aristide Bergès - ZI 31270 Cugnaux – France
Made in PRC 2022