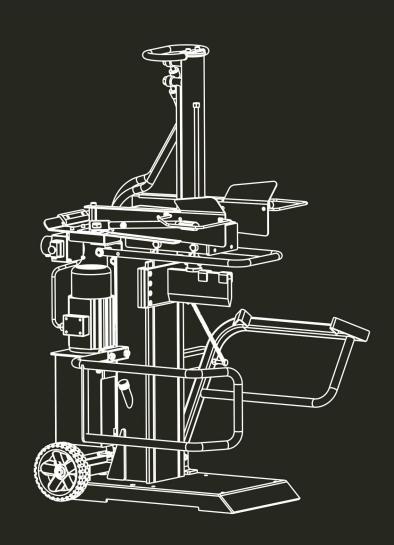


# **ELECTRIC LOG SPLITTER**

**HFBE10T57** 

# ORIGINAL INSTRUCTIONS





CAUTION: Read the instruction handbook thoroughly before using the machine!

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# 1. SAFETY INSTRUCTIONS

In these operation instructions, we have marked the sections that concern your safety with

this sign: 🔼



Warning: When using power tools, follow the following basic safety precautions to reduce the risk of fire, electric shock and personal injury.

Please read all the instructions before working with this tool.

- Observe all safety and hazard warnings affixed to the machine.
- Keep all safety and hazard warnings affixed to the machine complete and in good legible condition.
- The safety device on the machine must not be disassembled or rendered unusable.
- Check the mains connecting cables. Do not use defective connecting cables.
- Check the correct functions of the two-hand control before using the machine for the first time.
- The machine shall not be used by children. The machine must be used by adults only. Use of the log splitter by apprentices of not less than 16 years of age must be supervised by an adult authorized to use the machine.
- Wear work gloves when working.
- Be careful when working with the machine: risk of injury to fingers and hands from the cleaver.
- Use appropriate supports, when cleaving heavy or bulky logs.
- Conversion, adjustment, cleaning, maintenance work and repairs of fault may be carried out only when the motor is switched off. Unplug the machine from the mains supply!
- Installation, repair and maintenance work on the electrical system may only be performed by specialists.
- All protective and safety devices must be immediately replaced after repair and maintenance work.
- Switch the motor off when leaving the work area. Unplug the machine from the mains supply!
- Wear suitable personal protective equipment (PPE), including safety footwear close fitting clothing and suitable work gloves, eye protection and hearing protection.
- Operator must receive necessary training and instruction from a qualified person before handling the tool.
- The splitting operation of the machine is designed to be activated by one person. While there is
  the possibility that additional operators could be working with the machine (e.g. for loading and
  unloading), only one operator should activate splitting operations.
- Test the machine's safety devices before using the tool. If safety devices do not work properly, do no use the tool and bring it to a qualified technician for inspection and reparation.
- Before starting work, hydraulic pipes and hoses shall be inspected and the stopping devices shall be tested.
- The working area shall be free from obstructions; before installation and operation, clear the working area. Keep the working area free from obstructions, e.g. logs, split wood, etc.
- Stop the machine and disconnect it from the power source before cleaning or making adjustments.
- Do not leave the machine unattended when running.
- The hazards may arise from particular characteristics of wood when being split (e.g. knots, logs
  of irregular shape etc.).
- Do not reach into the splitting zone.

- Use a portable residual current device (PRCD) if a residual current device (RCD) with a maximum residual current of 0,03 A is not provided in the electrical system.
- Nobody must be allowed to use the log splitter unless they have read the instruction manual and have been instructed in the regulations to follow for correct and safe use.
- Restrict availability of key(s) or tool(s) to skilled or instructed persons only.
- The log splitter must never be used by an operator who is under the influence of alcohol, drugs, medicines, or who is tired. A clear mind is essential for safety.
- Check that the electric circuit is adequately protected and that it corresponds with the power, voltage and frequency of the motor, check that there is a ground connection, and a regulation differential switch upstream.
- Check on the functioning of the machine.

#### ADDITIONL SAFETY INSTRUCTIONS FOR THE LOG SPLITTER

- . The machine must only be operated by a single person.
- . Wear protective equipment (safety goggles/protective visor, work gloves, safety shoes) to protect yourself from possible injuries.
- . Never cleave logs containing nails, wire or other objects.
- . Cleave wood and wood chips create a dangerous work area. There is a risk of tripping, slipping or falling. Therefore, always keep your work area tidy.
- . Never put your hands on the moving parts of the machine, when the machine is switched on.
- . Only cleave logs with a maximum length of 570 mm, the minimum length of 300mm.



This log splitter is only intended to be used to split logs! Use the tool only for the intended use. Misuse (such using material other than log) can damage the tool and cause accidents and injuries. Serious injury may occur if this log splitter is used for any other purpose.

The machine complies with the current EC Machinery Directive.

- . The hydraulic splitter is only suitable for stationary operation. Logs must only be cleaved vertically in the direction of the grain. The optimal dimensions for the logs to be cleaved are: log length 570 mm, min  $\phi$ 70 $\sim$ 400mm.
- . Never cleave the wood horizontally or against the grain.
- . The manufacturer's safety instructions, the operating instructions and the maintenance as well as the dimensions specified in the technical data must be observed.
- The applicable accident prevention regulations and other generally recognized safety standards must be observed.
- . The machine may only be used, maintained and repaired by persons, who are familiar with it and who have been informed about the dangers connected to it. Unauthorized modifications to the machine will release the manufacturer from any liability for any resulting damage.
- . The machine must only be used with original accessories and original tools from the manufacturer.
- . Any other use is deemed improper. The manufacturer does not assume any liability for any resulting damage, the user will be held solely responsible.

# RESIDUAL RISKS

The machine is built according to the current state of technology and generally recognized safety standards, however, individual residual risks may occur when working with the machine.

- . Risk of injury to fingers and hands from the cleaver, in the event of improper guidance or support of the wood.
- . Risk of injury from the ejection of the work piece, in the event of inappropriate support or guide.

- . Exposure to electric current, when using inappropriate electric connecting cables.
- . Furthermore, unapparent risks may remain, despite of all the measure taken.
- . Residual risks can be minimized, if the safety instructions, the proper use and the operating instructions are observed.
- . Electromagnetic Interference (EMI) can disturb or damage process monitoring, control and automation systems. Currents due to lightning, switching operations, short-circuits and other electromagnetic phenomena can cause overvoltages and electromagnetic interference.
- . These effects can occur for example:
  - · where large conductive loops exist,
  - where different electrical wiring systems are installed in common routes, e.g. power supply, communication, control or signal cables.
- . Cables carrying large currents with a high rate of change of current (di/dt) can induce overvoltages in other cables, which can influence or damage the connected electrical equipment.
- . Only electrical equipment which meets the requirements of the appropriate EMC standards, or the EMC requirements of the relevant product standard, should be used.

#### TRANSPORT INSTRUCTIONS

Transport by hand, Fig.1

To transport the machine, completely retract the cleaver blade. Slightly incline the splitter on the cleaver column, using the handle1 and 2, until the machine tilts on to the wheels and thus can be moved.

Transport by crane:

Never lift by the cleaver blade (splitting knife)!

Storage conditions:

Observe the following conditions during storage:

- . Dry, indoor location
- . Max.humidity 80%
- . Temperature range -20 ℃ to +60 ℃

Only operate the machine under the following ambient conditions:

	minimum	maximum	recommended	
Temperature	5℃	<b>40</b> ℃	16℃	
Humidity		95%	70%	

#### Set up

Prepare the location where the machine is to be installed.

Provide sufficient space (Suggest more than 10m<sup>2</sup>) to ensure safe, trouble-free working conditions. The machine is designed for use on level surface and therefore must be set up on a stable, level and firm surface.

#### FREEING A JAMMED LOG

- Release both controls.
- After the log pusher moves back and completely stops at its starting position, insert a wedge wood under the jammed log.
- Start the log splitter to push the wedge wood to go completely under the jammed one.
- Repeat above procedure with sharper slope wedge woods until the log is completely freed.

#### Warning:

Do not remove jammed logs with you hands.

- Do not try to knock the jammed log off, knocking will damage the machine or may launch the log and cause accident.
- Never use another people to help you with freeing jammed log.

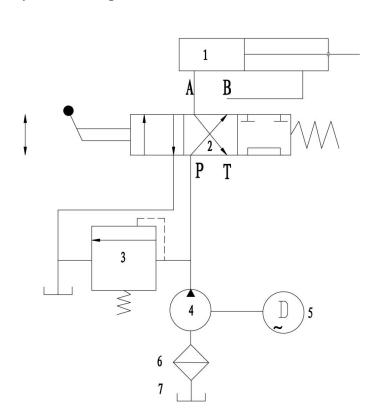
### <u>Symbols</u>

i	Read manual before operation
	Use safety footwear
	Use work gloves
	Wear eye protection
	Use hearing protection
(3)	No trespassing
	No smoking in the working area
i-ti	Only the operator may stand within the operating range of the machine. Keep non-involved persons, as well as domestic and farm animals, out of the hazard area (minimum distance: 5m)
	Keep your work space tidy! Untidiness can lead to accidents
	Only the operator may stand within the operating range of the machine.
	Caution! Switch off the engine before repair, maintenance and cleaning. Unplug the mains plug.
	Do not remove jammed trunks with your hands.
	Danger of bruising and injury from sharp edges; never touch danger areas when the cleaver is moving.
\$	Warning: Electricity. Risk of electrical shock.

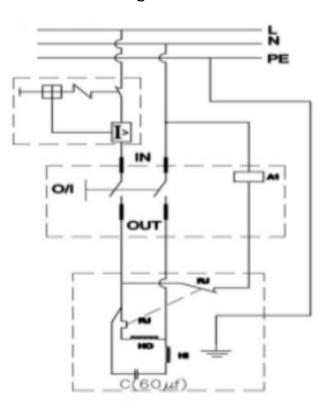
#### **SPECIFICATIONS**

01 = 011 107 1110110				
Model		HFBE10T57		
Motor		230V~, 50Hz,	3700W S6 40%	n <sub>0:</sub> 2800min <sup>-1</sup> IP54
Log Capacity	Diameter	70 - 400mm		
	Length	570mm		
Splitting Force		10T		
Hydraulic Pressure		24 Mpa		
Hydraulic Oil Capacity		4.5 L		
Height of the highest cylinder		1430mm		
Weight		122 kg		
Working speed		$7\pm0.5$ cm/s		
	Length	1430mm		
Overall Size	Width	920mm		
	Height	840mm		
Return speed		$6\pm0.5$ cm/s		
Noise values		LwA=91dB(A)		

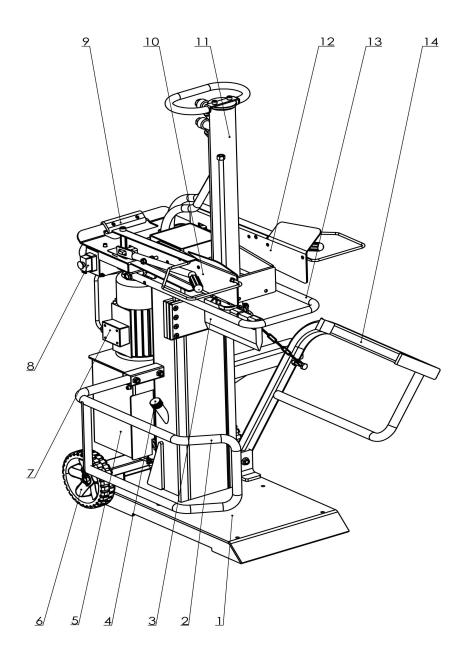
# Hydraulic diagram



# Wire diagram



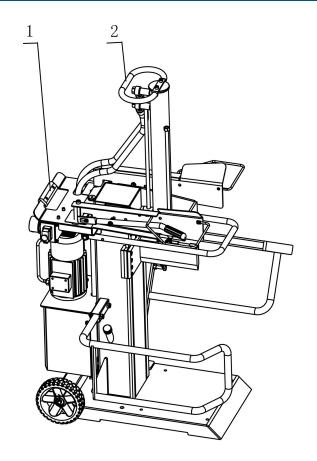
# 2. DESCRIPTION



- 1. Main body assembly;
- 2. Side retain arm;
- 3. Splitting knife;
- 4. Oil dipstick;
- 5. Protective guard for valve;
- 6. Wheel;
- 7. Motor;

- 8. Switch (KOA7 AC230V/16A);
- 9. Transport handle;
- 10. Left operation handle assembly;
- 11. Cylinder;
- 12. Right operation handle assembly;
- 13. Returning bracket;
- 14. Log lifter.

# 3. ASSEMBLY



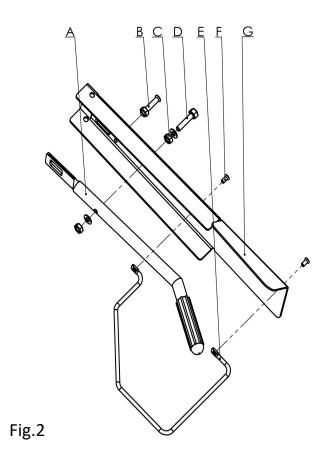
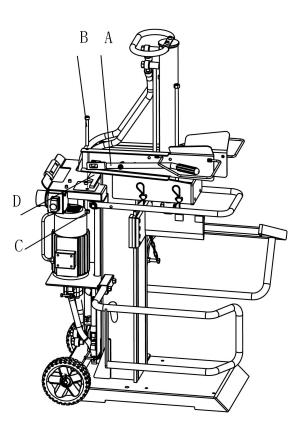


Fig.1



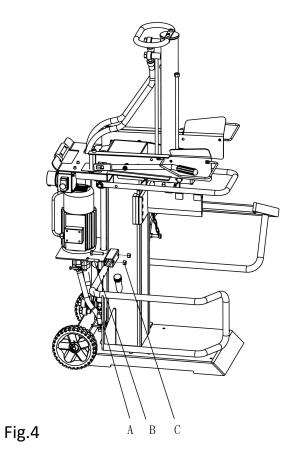
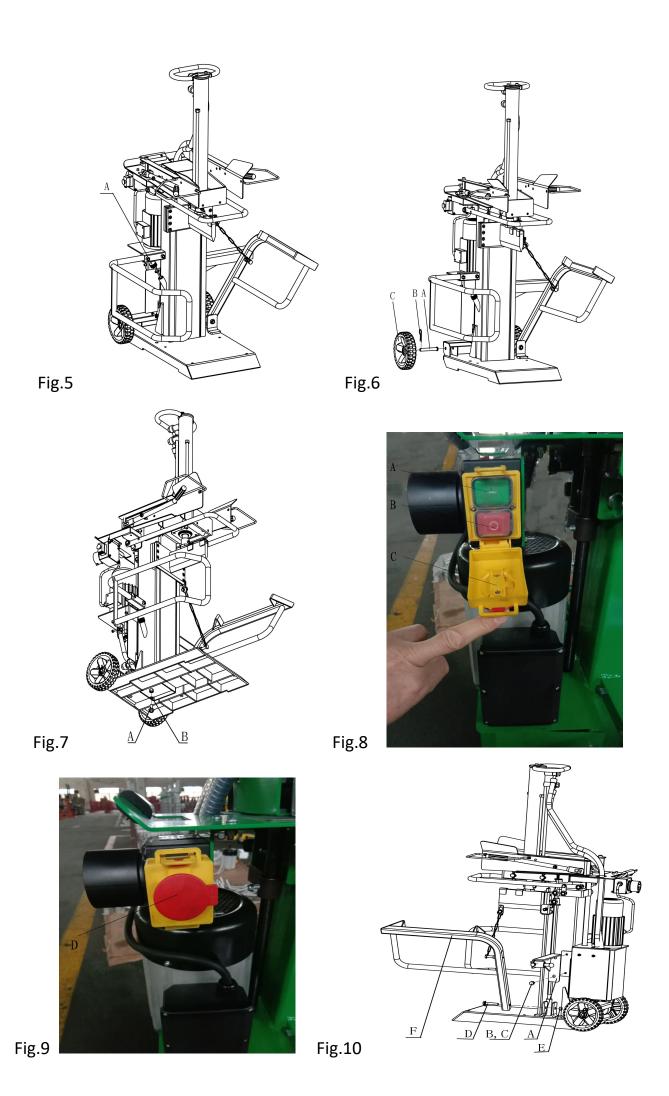


Fig.3



For packing reasons, your log splitter is not completely assembled.

#### Mounting the wheels, Fig.6

Insert the axle (part A) through the hole of the base, then assemble on both sides a wheel (part C) and secure both with cotter-pin (part B).

#### Mounting the left control arms assembly, Fig.3

- Insert the control arm (A) in the blace lever (D), and screw it in place with the hexagon bolt (B) and the self-lock nut (C). Tighten the self-lock nut so the control arm can still be moved.
- . Now mount the control arm on the right, following the method described above.

#### Mounting the left operation handle guard assembly, Fig.2

- . The control arm (A) has been fixed on the board (G)with bolt (D)+nut (C).
- . Mount the control arm guard(D), using 2 crosshead screws M6\*10 to fix it.
- . Now mount the right operation handle guard assembly on the right, following the method described above.

#### Mount the side retaining arms, Fig.4

- . For packing reasons, two retaining arms of the splitter were disassembled.
- . Secure two right side retaining arms(A) with 4 bolts M10\*45(B) and 4 nuts M10(C).

#### Mount the switch (KOA7 AC230V, 16A)

Mount the switch (KOA7) to the switch board, fixed with 4-M4\*60 crosscap bolt and 4-M4 nuts.

#### Mount the log lifter(F) and the support for the log lifter(A), Fig10

With 2-M10\*20 hexagonal bolts (B) and 2-M10 nuts (C) to fix the support for the log lifter, then connect the log lifter (F) with 1-M10\*55 hexagonal bolt (D) and 1-M10 nut (E), finally connect the chain.

### 4. OPERATION

#### **FUNCTION TEST**

A functional test must be performed prior to each use.

Action	Result	
Press both handles down	Cleaver blade goes down-to approx.10cm above the base.	
Release one handle at a time	Cleaver blade remains in the selected position.	
Press the returning bracket down	Cleaver blade returns upward.	
Check the oil level before each use, see chapter "maintenance".		

#### **SPLITTING**

- Place the log on the log splitter table, hold the log firmly with the two control handles, press both operating handles down simultaneously. Once the cleaver blade penetrates into the log, push the handles outward with simultaneous pressure downward. This prevents pressure from being exerted on the retaining plates.
- . Only cleave logs that are sawed straight off.
- Cleave the logs vertically.
- . Never split horizontally or crosswise.
- . Wear safety gloves when cleaving the logs.

#### START-UP

Ensure that the machine is assembled completely and correctly before each use, and check:

- . The connecting cables for defects (splits, cuts, etc.).
- . The machine for any damage.
- . All screws are tightened.
- . For any possible leaks in the hydraulic system.
- . The oil level.
- Protection guard.
- . Hydraulic hose and soft hose.

#### **VENTING, FIG.5**

Bleed the hydraulic system, before you put the log splitter into operation.

- . Loosen the dipstick (A) by a few turns, so that air can escape from the oil tank.
- . Leave the cap open during operation.
- . Close the cap again, before moving the splitter, otherwise the oil may leak.
- . If the hydraulic system is not vented, the trapped air will damage the seals and thus the splitter.

#### SWITCHING ON/OFF, FIG.8/9

Open the protective cap (C).

Press the green button (A) to switch the appliance on.

Press the red button (B) to switch the appliance off.

Press the emergency stop (D), in the event of emergences.

Note: prior to each use, check the function of the on/off switch by switching the device on and off.

#### Restart protection in case of power failure (No-voltage release switch)

The equipment will switch of automatically in the event of a power failure, accidental removal of the plug or if a fuse is triggered. Press the green button on the switch until to restart the machine.

#### **FINISHING WORK**

- Bring the cleaver blade to the lower position.
- . Release one of the control arms.
- . Switch the machine off and disconnect the power.
- Tighten the bleed screw.
- Follow the general maintenance instructions.

#### **ELECTRICAL CONNECTION**

Check the electrical connecting cables regularly for any damage. When checking the connecting cables, make sure that they are not connected to the mains.

Electrical connecting cables must comply with the relevant VDE and DIN regulations. Only use connecting cables labelled H07RN.

It is mandatory that the type designation be printed on the connecting cable.

Use a portable safety switch (PRCD), if a residual-current -operated protective device (RCD) with a nominal residual current of max.0.03 A is not provided in supply network.

#### Defective electric connecting cables:

Connecting cables often suffer insulation damage.

#### The causes are:

- . Pressure marks, when the connecting cables are led trough windows or door gaps.
- . Kinks, due to improper mounting or leading of the connecting cables.
- . Cuts, from crossing the connecting cables.
- Insulation damage, from pulling the cables out of the wall socket.

Cracks, due to the aging of the insulation.

Such defective electric connecting cables must not be used and are dangerous to life because of the damaged insulation!

#### Ac motor 230V/50Hz

#### Supply voltage 230V/50Hz.

The mains connection and the extension cable must be 3-wire=P+N+SL.(L/N/PE).

The extension cables must have a minimum cross section of 1.5 mm<sup>2</sup>.

The mains connection is fused for a maximum of 16 A.

# WORKING NOTES Caution!

Before delivery, while packing, the cylinder (No.2) must be descended from top position to the lowest position, and fixed in the fixing part of the cylinder (see the following picture, No.1----cylinder fixing part).

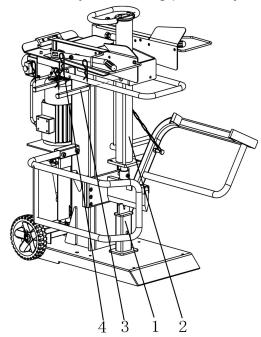
Packing, deliver or transport, according to the followings:

Press the two operation handles downwards, the riving knife begins to work forward, until touch the cylinder fixing part, release one operation handle, pull out two R-pins (No.4) and two shafts (No.3), then release the two operation handles, press the returning bracket, the cylinder begin to descend, till to the proper position, then stop the machine, and put two shafts two R-pins into the Accessories bag.

How can the user operate the cylinder to the working position, according to the followings:

Press the two operation handles downwards, the riving knife begin to raise, until to the top position, release one operation handle, insert two shafts (No.3) and lock them with two R-pins (No.4), release two operation handles, then press the returning bracket, and the splitting knife begin to go up.

Finally, till the knife to the top, move the cylinder fixing part away.



# 5. MAINTENANCE AND REPAIR

Skilled mechanics may carry out small repairs on the machine.

Repair and maintenance work on the electrical system may only be carried out by qualified electricians.

All protective and safety devices must be immediately replaced after repair and maintenance work.

#### We recommend:

Clean the machine thoroughly after each use.

#### . Cleaver blade

The cleaver blade is a wearing part that should be reground or replaced with a new blade, as required.

#### . Two -hand guard

The combined clamping and control device must remain smooth running. Lubricate occasionally with a few drops of oil.

#### . Moving parts

Keep the cleaver blade guides clean. (dirt, wood chips, barks, etc.)

Lubricate the slide rails with oil spray or lubricating grease.

. Checking the hydraulic oil level

Check hydraulic fittings and connections for leaks and wear. If necessary, tighten the bolted connections.

#### Checking the oil level

The hydraulic system is a closed system with oil tank, oil pump and control valve. Check the oil regularly before each use. Too low an oil level can damage the oil pump. The oil level must lie within the marks on the dipstick.

The cleaver column must be retracted before checking the oil, the machine must be on a level surface.

#### When shoud I change the oil?

The first oil change should be carried out after 50 hours use, and then after every 500 hours use. **Changing the oil,** 

- . Moving the cleaver column in completely.
- . Place a container, with a capacity of at least 6 l, under the log splitter.
- . Loosen the vent cap A., Fig.5
- . Disassemble the drain plug **A+B (Fig.7)**, located under the oil tank to allow the oil to flow out.
- . Close the drain plug A+B (Fig.7) again.
- . Pour in 4 l of new hydraulic oil using a funnel.
- . Replace the vent cap.

Dispose of the waste oil properly at a local oil disposal point. The waste oil must not be poured into the ground or mixed with other waste.

#### We recommend the following hydraulic oils:

Aral vitam gf 22

Bp energol HLP-HM22 Mobil DTE 11 Shell Tellus 22 or equivalent

**Do not use any other types of oil!** The use of any other type of oil will adversely affect the operation of the hydraulic cylinder.

#### Splitter blade

The splitter blade must be slightly lubricated before commissioning. This procedure must be repeated after every 5 hours use. Lightly apply grease or spray oil. **the blade must not run dry.** 

#### Hydraulic system

The hydraulic system is a closed system with oil tank, oil pump and control valve.

Do not alter or tamper with the factory installed system.

Check the oil level regularly.

Too low an oil level can damage the oil pump.

Check the hydraulic and screw connections regularly for leaks, tighten them if necessary.

Clean the work area and keep the appropriate tools in good condition before starting any maintenance and inspection work.

The time intervals indicated here refer to normal use, hence, if the machine is exposed to heavy loads, reduce these times accordingly.

Only clean the machine enclosures, the covers and control levers with a soft, dry cloth or dampen it slightly with neutral detergent; do not solvents, such as alcohol or gasoline, because they can damage the surface.

Keep oils and lubricants out of the reach of unauthorized personnel; read the instructions on the containers carefully and follow them without fail, avoid direct contact with skin and rinse well after use.

# 6. ACCIDENT PREVENTION STANDARDS

The machine must only be operated by qualified personnel, who are familiar with the contents of this manual.

Please check that the safety devices are whole and working correctly before using the machine. You should also familiarze yourself with the machine's control mechanisms, by reading the operating instructions carefully before using the machine.

The machine's stated performance must not be exceeded. the machine must never be used for any purpose other than the one for which it is intended.

In accordance with the regulatory laws of the country, in which the machine is used, personnel must also wear working clothes as prescribed in that country; i.e. do not wear loose, flittering clothes, belts, rings and necklaces; long hair should preferably be tied back.

The work area should always be kept as neat and clean as possible, and tools, accessories and screw wrenches must always be within easy reach.

During cleaning and maintenance work, the machine must never be connected to the electric mains.

**Never** operate the machine without the safety devices or with the safety mechanisms turned off. **Never** remove or modify the safety devices.

#### Do not carry out any maintenance or adjustment work before carefully reading this manual.

The periodical maintenance plan specified in this manual must be observed, both safety reasons and for the efficient operation of the machine.

Always keep the safety labels clean and legible and pay attention to them without fail to prevent accidents; if the safety labels are damaged or lost, or are among the parts, which have been replaced, they must be replaced with new, original labels, and be affixed to the specified position; you can obtain new labels from the manufacturer.

In the event of fires, only use powder fire extinguishes. Do not extinguish fire in the machine with water; otherwise, there is a risk of a short circuit.

If the fire can not be extinguished immediately, pay attention to leaking liquids.

In the event of a longer fire, the oil tank or the lines, which are under pressure, can explode: therefore, make sure you do not come into contact with leaking liquids.

# 7. DISMOUNTING AND DISPOSAL



Electrical products should not be discarded with household products. According to the European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation into national law, electrical products used must be collected separately and disposed of at collection points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.

The machine does not contain any harmful or polluting substances, as it is made of completely recylable materials or of materials that can be disposed of in the normalway.

For disposal, contact specialist companies or qualified personnel who are well acquainted with the potential dangers and who have read and follow the present operating instructions strictly. When the machine is no longer of use, proceed as follows, paying attention to all the accident prevention standards:

Disconnect the energy supply (electric or PTO).

- Remove all power cables and take them to a specialized collection point, in accordance with the applicable provisions in the respective country.
- Empty the oil tank; take the oil in sealed containers to a collection point, in accordance with the applicable provisions in the respective country.

Make sure that every machine part is disposed to in accordance with the applicable provisions in the respective country.

# 8. DECLARATION OF CONFORMITY



#### **BUILDER SAS**

ZI, 32 rue Aristide Bergès – 31270 Cugnaux - France Tel: +33 (0)5.34.502.502 Fax: +33 (0)5.34.502.503

Declare that the following machine ELECTRIC LOG SPLITTER HFBE10T57

Serial number: 20240604518-20240604523

Is in conformity with the Directive Machine 2006/42/EC and to the regulations transposing it;
Also in conformity with the European Directives:

A la Directive RoHS (EU)2015/863 amending 2011/65/EU

A la Directive EMC 2014/30/EU

Also in conformity with the following standards:

EN609-1:2017 EN60204-1:2018

EN 55014-1:2017/A11:2020

EN IEC 55014-1:2021

EN 55014-2:1997/A2:2008

EN IEC 55014-2:2021

EN 61000-3-2:2014

EN IEC 61000-3-2:2019/A1:2021

EN 61000-3-11:2000

EN IEC 61000-3-11:2019

Responsible of technical file: Olivier Patriarca

Cugnaux, 14/06/2024

Philippe MARIE / PDG

# **HYUNDAI**

#### WARRANTY

The manufacturer guarantees the product against defects in material and workmanship for a period of 2 years from the date of the original purchase. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

#### The warranty does not cover breakdowns due to:

- · insufficient maintenance.
- abnormal assembly, adjustment or operations of the product.
- parts subject to normal wear and tear.

#### The warranty does not extend to:

- · shipping and packaging costs.
- using the tool for a purpose other than that for which it was designed.
- the use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

#### READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

- · +33 (0)9.70.75.30.30
- https://services.swap-europe.com/contact

You must create a "ticket" via the web platform.

- Register or create your account.
- Indicate the reference of the tool.
- · Choose the subject of your request.
- Describe your problem.
- Attach these files: invoice or sales receipt, photo
  of the identification plate (serial number), photo
  of the part you need (for example: pins on the
  transformer plug which are broken).



# 10. PRODUCT FAILURE

#### WHAT TO DO IF MY MACHINE BREAKS DOWN?

#### If you bought your product in a store:

- a) Empty the fuel tank if your product has one.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.

Go to the store with the complete machine and with the receipt or invoice.

#### If you bought your product on a website:

- a) Empty the fuel tank if your product has one..
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- c) Create a SWAP-Europe service ticket on the site: https://services.swap-europe.com When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate (serial number).
- d) Contact the repair station to make sure it is available before dropping off the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site

For machines with engine failure from manufacturers BRIGGS & STRATTON, HONDA and RATO, please refer to the following instructions.

Repairs will be done by approved engine manufacturers of these manufacturers, see their site:

- http://www.briggsandstratton.com/eu/fr
- http://www.honda-engines-eu.com/fr/service-network-page;jsessionid=5EE8456CF39CD572AA2AEEDFD 290CDAE
- https://www.rato-europe.com/it/service-network

Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.

For any question concerning our after-sales service you can make a request on our website https://services.swap-europe.com

Our hotline remains available at +33 (9) 70 75 30 30.



# 11. WARRANTY EXCLUSIONS

#### THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Breakdowns related to carburetion beyond 90 days and fouling of carburetors.
- · Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- · Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- · Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage\*.
- · Launchers beyond 90 days.
- Oil, petrol, grease.
- Damages related to the use of non-compliant fuels or lubricants.
- \* In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt.

This document is a supplement to your notice, a non-exhaustive list.

**Attention:** all orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, it you must simply refuse the delivery and notify your refusal.

**Reminder:** the reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.

**Information:** Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.





#### For inquiries, please contact:

**BUILDER SAS** 

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