EN

SNOW BLOWER
RURIS
PARANG 604

CONTENT

1. INTRODUCTION

Dear Client!

Thank you for your decision to purchase a RURIS product and for your trust in our company! RURIS has been on the market since 1993 and during all this time it has become a strong brand, which has built its reputation by keeping promises, but also by continuous investments aimed at helping customers with reliable, efficient and quality solutions. We are confident that you will appreciate our product and enjoy its performance for a long time. RURIS does not offer its customers only machines, but complete solutions. An important element in the relationship with the customer is advice both before and after the sale, as RURIS customers have at their disposal a whole network of partner stores and service points.
To enjoy the purchased product, please read the user manual carefully . By following the instructions, you will be guaranteed a long use.
The RURIS company is continuously working on the development of its products and therefore reserves the right to modify, among other things, their form, appearance and performance, without having the obligation to communicate this in advance.

Thank you once again for choosing RURIS products!

Customer information and support:
Phone: **0351.820.105**
e-mail: **info@ruris.ro**

2. WARNINGS

2.1 WARNINGS ON THE MACHINE

WARNING: Hot surface. Do not touch!

Wear eye and ear protection!

Read the instruction manual!

Warning! Careful!

Beware of ricocheting objects!

Do not use the machine near fire!

Protect your body from contact with the cutters!

Do not put your hand in the gutter!

Use protective equipment!

3. GENERAL PRESENTATION OF THE MACHINE

1. Travel speed control lever
2. Cutter activation lever
3. Discharge angle control lever
4. Chute control lever
5. Transmission activation lever
6. Air filter
7. trough
8. Fuel tank cap
9. carburettor
10. Muffler
11. Transport wheel
12. vat
13. Haircut

4. SAFE OPERATION

 **DANGER** : This machine was built to be operated according to the safety rules in this manual. Lack of equipment, carelessness or error on the part of the operator can lead to serious injury. This machine is capable of endangering your life and throwing objects. Failure to follow the safety rules may result in personal injury.

 **DANGER** : The muffler and some components contain or emit chemicals that can cause health problems.

 **DANGER** : This symbol shows the importance of reading the safety instructions, which, if not followed, may endanger personal safety and/or that of others. Read and follow all instructions in this manual before you start using this machine. Failure to follow these instructions may lead to accidents.

Your responsibility: Use of this machine is permitted only to persons who have read, understood and followed the warnings and instructions in this manual and on the machine.

Keep this manual in a safe place for permanent reference.

Familiarize yourself with the snow thrower control panel.

Do not allow children under the age of 14 to use this machine. Children 14 years of age or older must read and understand the operating instructions and safety rules in this manual and must be trained and supervised by their parents.

Do not allow persons to operate this machine without proper instructions.

Throwing objects can cause serious injury. Set the snow throw pattern to avoid throwing objects on roads or in the direction of passers-by.

Keep bystanders, helpers, animals and children at least 20 meters away from the machine while it is on. Stop the machine if someone enters this area.

Carefully inspect the area where the equipment will be used. Remove all foreign objects that could trip you over or be thrown by the cutter.

Wear protective equipment during operation and when making any adjustments or repairs to protect yourself. Thrown objects that ricochet can cause serious injury.

Do not use the equipment if you are not wearing appropriate winter clothing. Avoid loose clothing that can get caught in moving parts. Do not wear jewelry, long scarves, or other loose clothing that can get caught in moving parts. Wear shoes that facilitate your movement and prevent slipping.

Do not attempt to make adjustments while the engine is running.

Allow the engine to warm up before starting to remove snow.

Use only approved fuel containers and be careful when handling it.

Do not use objects that can be sources of ignition near the machine.

Do not feed in a closed room.

Allow the engine to cool for at least 5 minutes before refueling.

Do not store the machine or fuel in a location where there are flames, sparks or hot objects (eg: oven, boiler, clothes dryer, etc.)

Allow the machine to cool for at least 5 minutes before storing.

5. SAFE OPERATION

Do not place hands or feet near rotating parts, cutter housing or discharge chute. Contact with rotating parts can cause serious injury. Always keep the escape routes clean

After hitting a foreign object, stop the engine, disconnect the spark plug, thoroughly inspect the snow thrower for any damage, and repair the damage (if any) before restarting and operating the machine.

When cleaning, repairing or inspecting the machine, stop the engine and make sure that the cutters and all moving parts have stopped. Disconnect the spark plug plug to prevent accidental starting of the engine.

The control levers shall be easily operated in both directions and shall automatically return to the disengaged position when released.

Do not use the machine while under the influence of alcohol or drugs.

Be careful of slipping when changing direction and when on inclined surfaces.

Do not overload the capacity of the machine by trying to clear the snow very quickly.

Do not operate this machine without good visibility and light. Always watch your feet and hold the handles firmly. Don't run.

Release the tiller lever when moving the machine.

Do not operate the machine at high speed on slippery surfaces.

If the machine starts to vibrate abnormally, stop the engine and disconnect the spark plug. Inspect carefully for any defects. Fix any faults before restarting.

Do not reach into the tub or drain when the machine is running. Always use the cleaning tool provided to unblock the drain chute.

Use only accessories and spare parts approved by the manufacturer. (ex: wheels, cables, etc.).

Never touch a hot engine.

If your situation is not covered in this manual, contact an authorized RURIS service for assistance.

CAREFUL!

-The use of the snowblower is recommended when the snow layer is fresh and loose.

- **DO NOT** use the upper speed gear if the snow cover is large and the cutter does not face the exhaust. The speed must be adapted according to the height of the snow cover. If the blower forces and pushes the snow instead of throwing it, then the friction piece that drives the wheels will wear out prematurely.

- **DO NOT** use the cutter to clear layers of ice formed by melting and refreezing snow that has been deposited for several days, as it will damage the cutters and block the discharge.

- **DO NOT** use the cutter to remove snow that is in an advanced stage of melting, it can block the evacuation

6. ASSEMBLY

- Mount the lower support of the horns, fixing in the clamping screws.

- Mount the wheels, fixing them with the bolts on the axle.

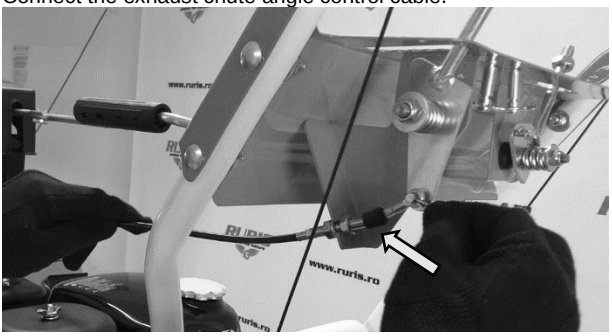
- Mount the upper part of the horns, fixing in the clamping screws.

- Connect the cutter and wheel drive cables.

- Install the exhaust chute, securing it to the mounting screws on the mechanical frame.

- Install the chute control lever.

- Connect the exhaust chute angle control cable.



- The shifter rod is connected.

- Mount the control lever handles.

The images are in character informative , the supplier ISI book the right to bring MODs structure and function against the machine present in the this manual.

7. CONTROLS AND FEATURES

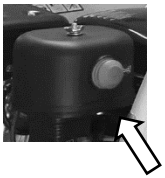
Snow thrower gear shifter:

R1 1 2 3 4 **Parang 604**

The gear shifter is positioned between the machine's horns. Place the shifter in any of the (5) positions to control the direction of travel and speed.

Before
There are four forward speeds. Position one is the slowest and position four the fastest.

Back
It is a reverse gear.



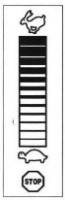
Priming pump
Carburetor priming is done by pressing the pump x 3.
(for devices equipped with a pump)

Shock flap (for machines equipped with a flap)

OPENED CLOSED

Activating the choke lever helps start the engine.

Acceleration control
The acceleration control is placed on the engine. It regulates the engine speed .

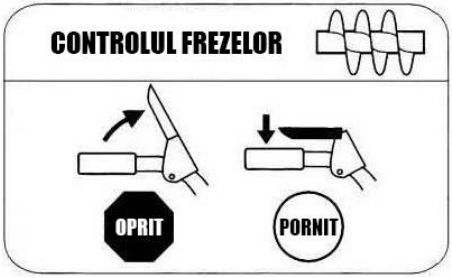


Fast

SLOW

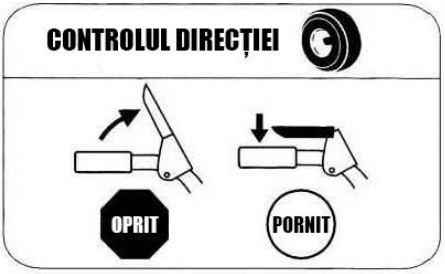
8. HANDLING THE SNOWBLOWER

Cutter control



The cutter control lever is located on the right hand grip. operate control lever on handle to start _ rotating burs and start _ the action of throwing snow . Release to stop . _

Steering control



The transmission activation lever is positioned _ on HANDLE FROM left _ pressed lever to get started displacement . Release to stop . _

Exhaust chute control

Changing the snow throwing direction is done manually from the control handle.

Spin clockwise to throw right

Rotate counterclockwise to throw to the left.

forbidden ENGINE and stay in the the back the horns until all _ components have stopped before of a clean up

Cleaning tool _ the gutter is fixed on GUARD burs in the part UPPER with a set of clamps . The tool is designed to clean _ the exhaust chute .

Adjustable skates

Place the skates adjustable on surface the soil . Aim somewhere up for _ the snow with gravel or sMALL obstacles . Orient it in down When Handle on AREAS smooth .

Haircut

The milling machine has the role of a cut the snow , it rotates and Toss the snow through the exhaust chute .

The exhaust chute

The snow Path in the the casing the milling cutter is thrown away through INTERMEDIATE the exhaust chute addressable .

The fuel cap

Loosen the fuel cap to enter _ FUEL in the reservoir .

power with oil

Loosen the oil cap and Load with oil through filling hole , _

8.1 BEFORE STARTING THE ENGINE

1. Do not start the engine without the oil level topped up. The engine can be seriously damaged without oil.
2. Place the machine at ground level.
3. Check the oil level using the dipstick provided.

4. Fill with oil up to the HIGH mark.
5. Use only oil recommended by the manufacturer.
6. Use **RURIS** 4T WINTER GT SAE 10W-40 oil.

Combustible

CAUTION: Be careful when handling the fuel, it is highly flammable and the vapors are explosive. Never fuel the machine in an enclosed space, when the engine is running or near flammable objects.

Make sure that the container from which you pour the fuel is clean and free of rust or other impurities.

Load always open the tank and use a funnel to prevent leaks, using unleaded gasoline.

Be sure to wipe off all traces of fuel before starting the engine.

8.2 STARTING THE ENGINE

1. Turn the power switch to the ON position.
2. Press the priming pump two or three times if the engine is cold to start it, making sure to cover the vent in the center of the pump when you press. (if equipped)
3. Position the choke lever in the CLOSED position (when the engine is cold). (if equipped)

NOTE : If the engine is already warmed up, move the choke lever to the OPEN position.

4. Open the gas valve.
5. Pull the starter gently to the point where you feel tension.
6. Pull the starter firmly steadily, do not release the starter but allow it to return to the starting position. Maintain a firm grip on the starter.
7. While the engine is warming up, gently turn the choke valve to the OPEN position. If the engine is sputtering, turn the choke back to the CLOSE position, and then gently back to the OPEN position. (if equipped)

NOTE : Allow the engine to warm up for a few minutes after starting. The engine will not operate at full power until it reaches the optimum temperature.

Stopping the engine

To stop the engine, turn the switch to the OFF position.

Keep the engine running for a few minutes before turning it off to remove any moisture from the engine.

8.3 SNOWBLOWER OPERATION

To prevent possible engine freezing, proceed as follows:

DISCHARGE GUTTER CLEANING

Hand contact with cutters during operation is the most common form of injury associated with the machine. Never use your hand to clean the drain chute.

To clean the gutter:

1. STOP THE ENGINE!

2. Wait 10 seconds to be sure that the cutter blades have stopped rotating.

3. Always use a cleaning tool, not your hand

The cleaning tool

1. Release the tiller and direction control levers.
2. Turn off the engine
3. Remove the cleaning tool from the clip that secures it.
4. The gutter cleaning tool is positioned on top of the tub with retaining clips. If snow or ice accumulates in the discharge chute assembly during operation, use the tool to clean the chute and its cavity when the snow is no longer discharged.

CAUTION : The muffler, the engine and the area around them get hot and can cause burns. Do not touch.

Reattach the cleaning tool with the retaining clip and start the engine.

While in the operator position (behind the machine), engage the cutter control for a few seconds to clear any remaining snow or ice from the chute assembly.

Setting the direction of travel and the speed.

Place the gear shifter in one of the forward or reverse positions. Select the appropriate speed for the snow conditions and a comfortable pace for you.

NOTE : Use lower speeds until you become familiar with snow thrower operation.

Move the cutter control lever in the ON direction and they will spin. Release it and the cutters will stop.

Move the steering control to the ON position of the lever and the snow thrower wheels will move. Release it and the wheels will stop.

IMPORTANT : NEVER reposition the direction changer without first releasing the direction control and stopping the snow thrower completely. Doing so will lead to premature wear of the snow thrower's friction system.

9. MAINTENANCE

Caution : Before lubricating, repairing or inspecting, release all controls, stop engine. Wait until all moving parts have stopped completely .

Pinion shaft

The pinion shaft must be lubricated once a season or after every 25 hours of operation.

Remove the bottom cover by removing the two screws that secure it.

Apply a thin layer of universal lubricant to the shaft. (see Fig. 7)

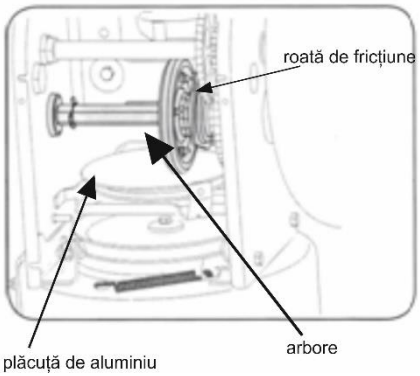


Fig. 7

IMPORTANT : Avoid oil leakage on the rubber friction wheel and the aluminum steering plate.

wheels

Remove both wheels at least once a season. Clean and lubricate the axles with an all-purpose automotive lubricant before reinstalling the wheels.

Directional chute control

The control handle should be lubricated once a season with graphite petroleum jelly, linseed oil, mineral oil, clear paraffin or 3-in-1 oil.

Milling spindle

At least once a season, remove the safety pins from the tiller shaft. Apply lubricant inside the spindle around the spacers. Also lubricate the clamps at each end on the shaft. See Fig. 8.

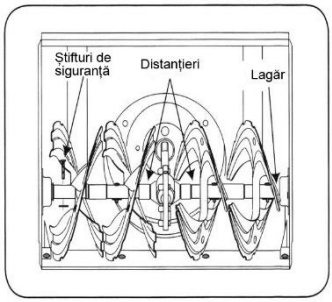


Fig. 8

reducer

The cutter gear was filled with petroleum jelly. Before use, unscrew the power plug and insert approx. 100-150ml of transmission oil. This oil mixed with vaseline ensures more effective lubrication at low temperatures.

NOTE : Do not overcharge the reducer. Failure of the sealing devices may result. Make sure the vent is clear of petroleum jelly so you can release the pressure.

Adjustable cutters and skids.

The blades and adjustable skids at the bottom of the snowblower are subject to wear and tear. They should be checked periodically and replaced when necessary.

Replacing the height adjustment skids

Replace the four lock screws and nuts securing them to the snow thrower.

Reassemble the new skids with the four locking screws (two on each side) and the hex neck nuts. See Fig. 9 .

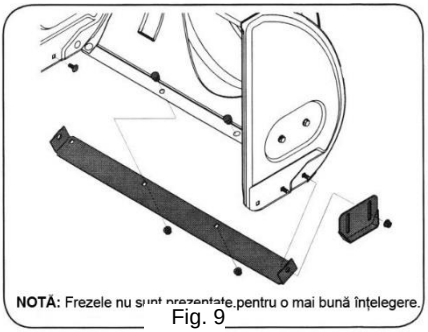


Fig. 9

Replacing the cutter drive belt

To remove and replace the snow blower drive belt, proceed as follows:

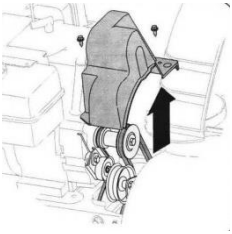


Fig. 10

Remove the belt cover from the front of the engine by removing the two screws. See Fig. 10

Carefully tilt the machine forward to rest on the cutter housing. Remove the cover from the bottom of the machine by removing the 4 sheet metal screws that secure it. See Fig. 11.

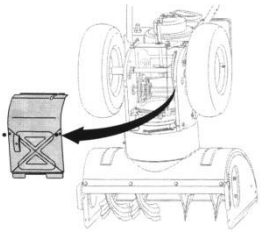


Fig. 10

Run the cutter drive belt off the motor drive pulley. See Fig. 12.

Unscrew and remove the step screw that secures the strap. See Fig. 11

Unscrew the spring bracket from the housing. See Fig. 13.

Remove the belt from around the cutter drive wheel and insert it between the spring support and the cutter drive wheel. Reassemble the cutter belt by following the instructions in reverse order. See Fig. 14.

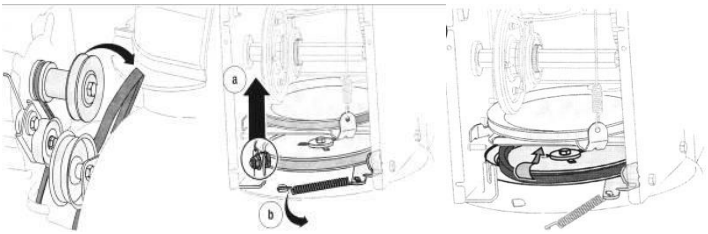


Fig.12 Fig.13 Fig.14

NOTE : Remember to reinstall the step screw and reconnect the spring to the housing after installing a replacement belt.

cutters

●The cutter is attached to the spiral spindle with two safety pins and a cotter pin. If the cutter hits a foreign object or ice build-up, the thrower is designed so that the pins rotate. See Fig. 18.

●If the cutters do not rotate, check whether the pins have rotated. When replacing the pins, apply a lubricating oil to the spindle before installing the new pins.

Replacing the drive belt

To remove and replace the cutter belt, proceed as follows:

- Remove the belt cover from the front of the engine by unscrewing the two retaining screws. See Fig. 10.
- Drain the fuel from the machine's tank.
- Remove the case protection from the bottom.
- Undo the screws securing the protection. See Fig. 16.
- Take the wheel by the loose belt and rotate it to the right.
- Run the cutter belt off the motor drive pulley.
- Lift the steering belt off the engine drive wheel. See Fig. 17.
- Slip the steering belt between the friction wheel and its disc. See Fig. 18.

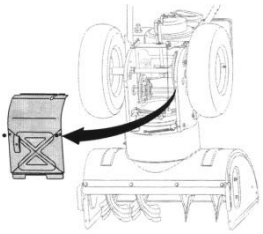


Fig. 16

- Remove and replace the belt in reverse order.

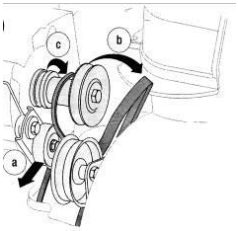


Fig. 17

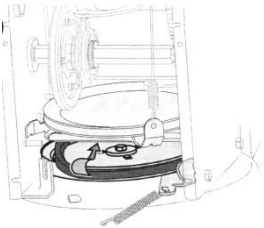


Fig. 18

Removing the friction wheel

If the machine does not operate with the steering lever engaged and adjusting the steering control cable does not correct this problem, the friction wheel may need to be replaced. Follow the instructions below.

Check the friction wheel for wear and replace if necessary.

Move the gear shifter to forward 3 position.

Drain the fuel from the tank.

a. Remove the housing cover from the bottom of the snow thrower by removing the 4 sheet metal screws.

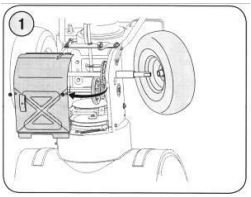


Fig. 19

Remove the right wheel by unscrewing the screw and washer securing it to the shaft. See Fig. 19.

Remove the hex bolt and washer securing the hex shaft to
machine housing and gently tap the end of the spindle to remove the ball bearing from the right side of the housing. See Fig. 20.

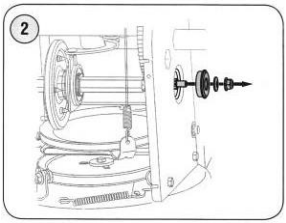


Fig. 20

Position the hex shaft down left before carefully removing the friction wheel assembly from the shaft.

NOTE : If replacing the entire friction wheel assembly, remove the worn part and attach the new part to the hex shaft. Follow the steps above.

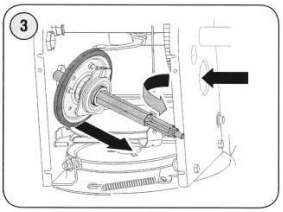


Fig. 21

Proceed as follows. See Fig. 21.

Remove the 4 screws securing the side plates of the friction wheel.

See Fig. 22.

Remove the rubber ring between the plates and reassemble them with a new ring.

NOTE : When reassembling the friction wheel, tighten each bolt only once before turning the wheel clockwise and continuing with the next bolt.

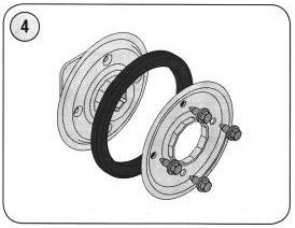


Fig. 22

Repeat the process a few times to secure the plates with equal force.

Attach the friction wheel back to the hex shaft and follow the above steps in reverse order to reassemble the components.

This operation is performed in an authorized RURIS service.

Engine oil check

Unscrew the oil tank cap from the oil supply tube and clean the dipstick. See Fig. 2. 3.

Put the cap back and secure it.

Undo and remove the oil tank cap from the feed tube.

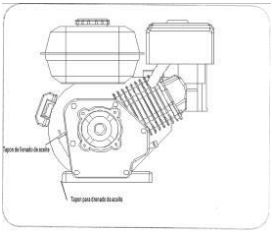


Fig. 23

Check the oil level. If the oil level on the dipstick is below the LOW limit, add oil until it reaches the HIGH level. See Fig. 24.

Put the cap back and secure it.

Wipe up any oil spills.

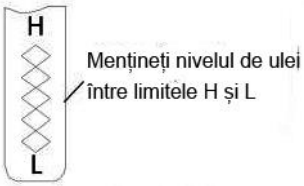


Fig. 24

Engine oil change.

To avoid engine wear it is important to:

- Check the oil level before each use and every 5 hours of operation.
- Change the oil after the first 5 hours of operation and every 25 hours of operation.
- The engine should be warm but not hot after a recent run.
- Make sure the fuel cap is tight.
- Clean the area around the drain plug.
- Place an approved recyclable oil container under the drain plug.
- Remove the cap and drain the oil.

Note : Used oil must be stored in a special container.

Install the drain plug and secure it. Refill the engine with the recommended oil.

The oil capacity of the engine is:

- **Parang 604 – 0.6l**

Wipe up any oil spills.

Checking the spark plug

Check the spark plug annually or every 100 hours of operation.

Clean the area around the spark plug.

Remove and inspect the spark plug.

Replace the spark plug if the ceramic part is cracked or if the electrodes show corrosion, burns or deposits.

Fig. 25

Check the gap between the electrodes with a feeler gauge and set the gap to 0.75 mm if necessary. See Fig. 25.

Reattach the spark plug and secure it.

carburettor

If a carburetor adjustment is required, contact an authorized RURIS service. Engine performance should not be affected at altitudes up to 2134 m. For operation at higher altitudes, contact an authorized RURIS service.

Engine speed

CAUTION : DO NOT modify the engine in any way. Altering factory settings may result in unsafe engine operation.

10. SERVICE AND ADJUSTMENT

After a long period of use or when the belts are adjusted or replaced, the control cables should be adjusted as in Fig. 26.

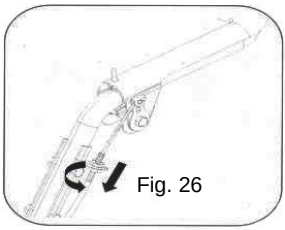


Fig. 26

Insert the cable through the spring so that the filament is visible.

Hold the filament and adjust the screw until you get the correct adjustment.

Pull the cable through the spring again. Clamp it to the top of the derailleur and make the same adjustments for both sides.

Adjustments to the exhaust chute

The distance at which the snow is thrown can be adjusted by changing the angle of the discharge chute assembly using the discharge angle control lever.

Adjusting the gutter support

If the spiral at the bottom of the chute direction control is not fully engaged with the assembly, its support can be adjusted.

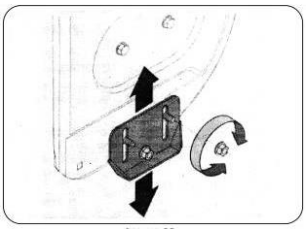


Fig. 28

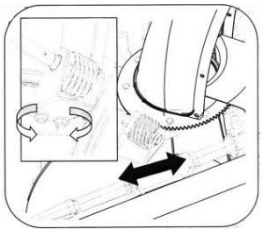


Fig. 29

Tire pressure

Before operation, check the pressure and adjust it between 1.5 and 2.0 bar.

If the pressure is not equal in both tires, the equipment could pull in a direction other than intended.

11. STORAGE

CAUTION : Never store the machine containing fuel in a poorly ventilated room where fuel vapors could reach an open flame, sparks.

NOTE : It is important to prevent deposits from forming on engine fuel system parts such as the carburetor, fuel filter, fuel line, or tank during storage.

The fuel left in the tank for a long period can cause problems at start-up and damage to the carburetor components. Drain all gasoline from the carburetor and tank to prevent deposits on these parts and damage the engine, then run the engine until the tank is empty and stops due to lack of fuel.

Remove the spark plug and pour 30 ml of engine oil through the hole into the cylinder. Cover the spark plug hole with a cloth and run the engine a few times to distribute the oil. Install the spark plug.

Preparing the snowblower

When storing the equipment in an unventilated or metal warehouse, care should be taken to protect the equipment from rust by using an oil or silicone. Lubricate the unit, especially the chains, springs, links and cables.

Remove all dirt from the outside of the unit and motor.

Follow the lubrication instructions in the Maintenance section.

Store in a clean and dry place.

12. TECHNICAL DATA

Product name	Parang 604
Motor	Loncin
Duty cycle	4 times
Engine power	5.5 hp
Cilindrical capacity	196 cc
Oil bath capacity	0.6l
Transmission	Friction disc
Ignition system	Electronic
Starting	Manual
Heated handles	Not
lighthouse	Not
Combustible	Unleaded gasoline
Tank capacity	3.6l
Average fuel consumption	1l/h
Work speeds	4 forward + 1 backward
Discharge distance	11 m
Exhaust gutter adjustment	manual
Working width	53 cm
Working height	51 cm
Exhaust chute rotation angle	190°
Chute outlet angle	70°
Wheel diameter	13x4.10-6
Handle vibrations	3.9 / 4.8 m/s^2K=1.5 m/s^2
Net weight with accessories	59 kg

13. DECLARATIONS OF CONFORMITY

DECLARATION OF CONFORMITY CE

Manufacturer: SC RURIS IMPEX SRL
Blvd. _ Decebal, no. 111, Building Administration , Craiova, Dolj , Romania
Goal. 0351 464 632, www.ruris.ro, info@ruris.ro
Authorized representative: Eng. Stroe Marius Catalin – General Manager
Authorized person for the technical file: Eng. Radoi Alexandru – Production Design Director

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Product description: The snow blower is designed for easy and quick clearing of driveways in the yard and access roads to the home.

Product: Snow blower
Product serial number: from xx P604 0001 to xx P604 9999 (where xx represents the last two digits of the year of manufacture)
Type : 604 **Model** : Parang
Engine : thermal, on unleaded gasoline, 4 strokes **Maximum power** : 5.5 hp
Working width: 53 cm **Start** : Manual

We, SC RURIS IMPEX SRL Craiova, producer , in in accordance with GD 1029/2008 - regarding conditions the introduction of machines on the market , ***Directive 2006/42/EC – machines ; safety requirements _ and security*** *, Standard EN ISO 12100:2010 – Machinery. Security,* ***Directive 2014/30/EU*** *looking compatibility electromagnetics (HG 487/2016 regarding compatibility electromagnetics , updated 2019,) EU* ***Regulation 2016/1628 (amended through EU Regulation 2018/989)*** *-* ***establishment emission limitation measures _ _ Gas and particles _ pollute coming from engines*** *and HG 467/2018 regarding enforcement measures of the Regulation mentioned , I performed CERTIFICATION COMPLIANCE the product with the standards specified and DECLARE that it is in accordance with the main ones safety requirements _ and security .*

The undersigned Stroe Catalin , the representative the manufacturer , I declare on my own liability as the product is in accordance with the following standard and European directives :

- SR EN ISO 12100:2011 / **EN ISO 12100:2010** - Security cars . Basic concepts , general design principles . _ Basic terminology , methodology . _ Technical principles

- SR EN ISO 3744:2011 / **EN ISO 3744:2011** - Machines FOREST and MACHINERY for gardening . Trial code SOUND for MACHINES equipped with a combustion engine internal _

- **SR EN ISO 8437-1:2021/ ISO 8437-1:2021-** Snow blowers. Security requirements and test methods. Part 1: Terminology and Common Tests

- SR EN ISO 8437-2:2021/ EN ISO 8437-2:2021- Milling cutters for snow . Security requirements _ and test methods . _ Part 2: Cutters for snow with pedestrian operator

- SR EN ISO 8437-4:2021/ EN ISO 8437-4:2021- Milling cutters for snow . Security requirements _ and test methods . _ Part 4: Requirements Nation and REGIONAL ADDITIONAL

- SR EN 1032+A1:2009/ EN 1032:2003+A1:2008- Vibration mechanics . TESTING mobile machines for dETERMINATION VALUE the emission of vibrations

- SR EN ISO 13849-1:2016/ EN ISO 13849-1:2016- Security cars . Part relating to the security of control systems . Part 1: General design principles
- SR EN ISO 13857:2020/ EN ISO 13857:2020- Security cars . Safety distances _ for prevention entry LIMBS HIGHER and lower in the Zone dangerously
- SR EN ISO 14982:2009/ EN 14982:2009 – Agricultural machinery and forestry . Compatibility electromagnetics .
- **SR EN 55012:2008/A1:2010/ EN 55012:2007/A1:2009-** Vehicles , boats and combustion engines _ internal _ Characteristics of disturbances radioelectric . limitation and measurement methods _ for protection handsets EXTERNAL
- **SR EN IEC 61000-6-1:2019 / EN 61000-6-1:2019 –** Compatibility ELECTROMAGNETICA standard gEnEral Immunity for ENVIRONMENTS residential , commercial and Easy industrialized

- **Directive 2000/14/EC** (amended through Directive 2005/88/EC) – Noise emissions in the the external environment
- **Directive 2006/42/EC** - regarding cars - the introduction of cars to the market
- **Direction 2014/30/EU** - regarding compatibility electromagnetics (HG 487/2016 regarding compatibility electromagnetics , updated 2019);
- **Regulation 2016/1628 (amended through EU Regulation 2018/989) -** the establishment limiting measures _ A emissions Gas and particles _ pollute coming from engines

Other Standards or specifications used:

- **SR EN ISO 9001** - Quality Management System
- **SR EN ISO 14001** - Environmental Management System
- **SR ISO 45001:2018** - Occupational Health and Safety Management System.

MARKING AND LABELING OF ENGINES
Spark ignition gasoline engines received and used on RURIS equipment and machines, according to **EU Regulation 2016/1628 (amended by EU Regulation 2018/989)** and HG 467/2018 are marked with:

- Manufacturer's brand and name: ZKM&E Co.ltd .
- Type: H200
- Type approval number obtained by the specialized manufacturer: e13*2016/1628*2016/1628SRA1/P*0076*02 ;

- Engine identification number – unique number.
- Concept Loncin

Note: the technical documentation is owned by the manufacturer.
Clarification: This declaration is in accordance with the original.
Validity period: 10 years from the date of approval.
Place and date of issue: **Craiova, 20.06.2023**
Year of application of the CE marking: **2023**
No. reg: **637/ 20.06.2023**

Authorized person and signature: Ing. Stroe Marius Catalin
Director General of
SC RURIS IMPEX SRL

DECLARATION OF CONFORMITY EC

Manufacturer: SC RURIS IMPEX SRL
Blvd. _ Decebal, no. 111, Building Administration , Craiova, Dolj , Romania
Goal. 0351 464 632, www.ruris.ro, info@ruris.ro
Authorized representative: Eng. Stroe Marius Catalin – General Manager
Authorized person for the technical file: Eng. Radoi Alexandru – Production Design Director
Product description: The snow blower is designed for easy and quick clearing of driveways in the yard and access roads to the home.
Product serial number: from xx P604 0001 to xx P604 9999 (where xx represents the last two digits of the year of manufacture)
Type : 604 **Model** : Parang
Engine : thermal, on unleaded gasoline, 4 strokes **Maximum power** : 5.5 hp
Working width: 53 cm **Start** : Manual

Measured sound power level: **98 dB** Guaranteed acoustic power level: **100 dB**
The acoustic power level is certified by Tuv Rheinland through test report no. CN21BIPT 001, from 24.05.2021 in accordance with the provisions of Directive 2000/14/CE amended by Directive 2005/88/CE and SR EN ISO 3744:2011

We, SC RURIS IMPEX SRL Craiova as a manufacturer, in accordance with Directive 2000/14/EC (amended by Directive 2005/88/EC), HG 1756/2006 - on limiting the level of noise emissions in the environment produced by equipment intended for use outside the buildings, we have verified and certified the conformity of the product with the specified standards and declare that it complies with the main requirements.

The undersigned Stroe Catalin, the manufacturer's representative, declares on his own responsibility that the product is in accordance with the following European standards and directives:

- **Directive 2000/14/EC (amended by Directive 2005/88/EC)** – Noise emissions in the outdoor environment
- **SR EN ISO 3744:2011** - Acoustics. Determination of sound power levels emitted by noise sources using sound pressure
- **Directive 2006/42/EC** - regarding machines - placing machines on the market
- **Directive 2014/30/EU** on electromagnetic compatibility (HG 487/2016 on electromagnetic compatibility, updated 2019);
- **EU Regulation 2016/1628** (amended by EU Regulation 2018/989) - establishing measures to limit gaseous emissions and polluting particles from engines

Other Standards or specifications used:

- **SR EN ISO 9001** - Quality Management System
- **SR EN ISO 14001** - Environmental Management System
- **SR ISO 45001:2018** - Occupational Health and Safety Management System.

Note: the technical documentation is owned by the manufacturer.
Clarification: This declaration is in accordance with the original.
Validity period: 10 years from the date of approval.
Place and date of issue: **Craiova, 20.06.2023**
Year of application of the CE marking: **2023**
No. reg: **638/ 20.06.2023**

Authorized person and signature: Ing. Stroe Marius Catalin
Director General of
SC RURIS IMPEX SRL