

Motor pump RURIS MP 200XR, MP 300XR



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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 . SAFETY INSTRUCTIONS

2.1 WARNINGS

	Danger!
	Caution, hot surfaces.
	Warning, flammable material.
	Warning, suffocating atmosphere.
	Read the user manual.
	Wear hand protection equipment.
	Wear protective footwear.
	Wear protective equipment for the head, eyes and ears

Please read this user manual to thoroughly understand the contents of the product before using it. Otherwise, mechanical damage or personal injury may occur.

Before starting the engine, perform the inspections in accordance with the procedures described in the preliminary inspections to avoid accidents and damage to your product.

For your safety, never attempt to use this GEP (gasoline engine) water pump to pump flammable or corrosive liquids (such as gasoline and acids). Also, corrosive media, seawater, chemical solvents, alkaline liquids (such as used gasoline, alcohol, etc.) must be avoided. The motor pump can be used for: pumping clean water, quickly filling tanks, irrigating crops, draining pools, supplying water from lakes, rivers, wells, etc.

Place the motor pump on a solid, uneven surface to avoid tilting or tipping over, which would result in fuel spillage.

To avoid fire hazards, ensure good ventilation of the pump during operation and keep a distance of at least 1 meter between the product and the wall or other devices. Keep away from any flammable substances.

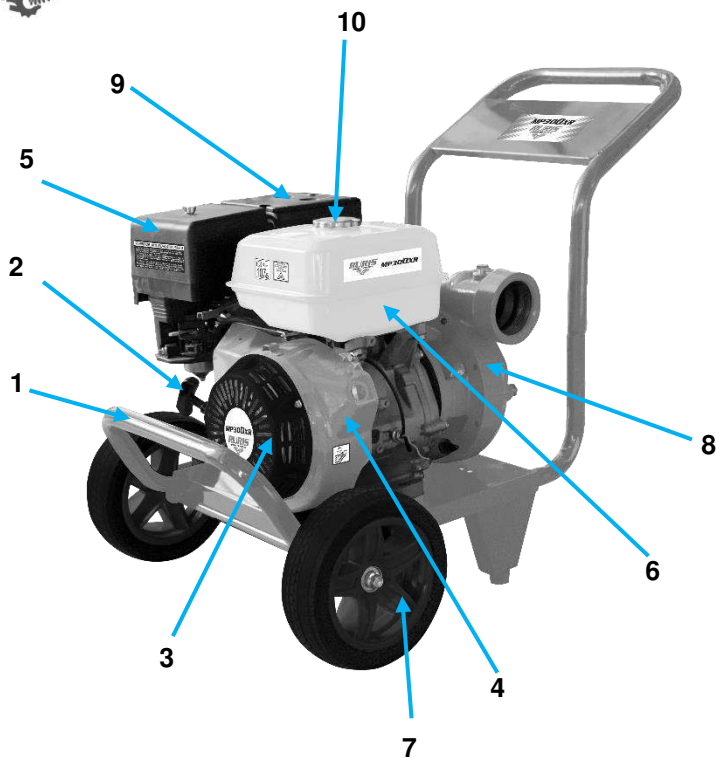
Always wear protective equipment, including safety glasses, helmets, boots and gloves

Keep children and animals away from the work area, as this may increase the chances of them getting burned if they come into contact with the hot surfaces of the motor pump.

During operation, the motor pump emits exhaust gases containing carbon monoxide, which is an extremely toxic gas. In case of inhalation, this gas can seriously affect your health

You need to know how to quickly stop the water pump and use the controls. Do not use the motor pump contrary to the recommended rules of use.

3. GENERAL PRESENTATION OF THE MACHINE



1. Framework METAL
2. Handle starter
3. Starter
4. Engine protection
5. Filter air
6. Reservoir combustible
7. Transport wheels
8. Pump body
9. Exhaust drum
10. Tank cap

4. TECHNICAL DATA

Motor	General Engine	General Engine
Operating cycle	4 times	4 times
Engine power	6.5 hp	13 hp
Cilindrical capacity	196 cc	389 cc
Ignition system	Electronic	Electronic
Starting	manually	manually
Combustible	Unleaded gasoline	Unleaded gasoline
Tank capacity	3.6l	7.8 l
Oil bath capacity	0.6l	1,1'
Average fuel consumption	250g/kW/h	250g/kW/h
Hose clamp	2 " (inches)	3" (inches)
Turbine diameter	175mm	208mm
Suction depth	8m	8m
Vertical discharge	65 m	80m
Horizontal discharge	650m	800m
Maximum flow rate	30m ³ /h	40m ³ /h
Weight	40 kg	71 kg
Guarantee	24 months	24 months

5 . FUEL AND OIL SUPPLY

5.1 OIL SUPPLY

Engine oil supply

Before starting the engine, fill the engine with RURIS 4T-MAX oil or an API classification oil: CI-4/SL or higher.

The motor pump is not delivered with oil in the engine.

Engine oil bath capacity (check technical data)

0.6 L - MP200XR

1.1L - MP300XR

Before each use, the oil level in the engine sump is checked and topped up to the maximum level. Check if the oil level is correct , by unthreading plug SITUATED on CARTER motor and Note if oil that's enough to the first top thread of the filling hole . The check is carried out with the motor pump positioned in a horizontal plane.

5.2 FUEL SUPPLY

Use quality fuel from authorized Peco stations.

Fill with the best quality UNLEADED PETROL fuel, using a metal funnel, in open areas and away from sources of fire or sparks that could cause a fire.

WARNING: Do not feed on the ground or near plants, as you risk damaging the environment.

6 . PRE-OPERATION CHECKS

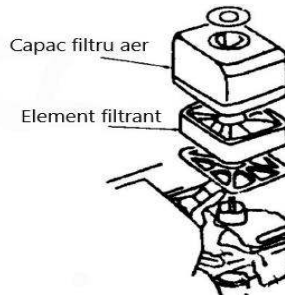
6.1 CHECKING THE FILTER ELEMENT OF THE AIR FILTER

Unscrew the wing nut and remove the washer and filter cover.

Check the filter element to see if it is too dirty and clean if necessary.

CAREFUL:

Do not run the engine without the air filter as this can accelerate engine wear if dirt or dust is drawn into the engine through the carburetor.



6.2 CHECKING AND FILLING

THE MOTOR PUMP WITH COOLING WATER

PRIME

Priming will be done by completely filling the entire absorption column through the pump's priming hole. After priming, check if the water level in the pump drops.

Check all the connections on the suction column and siphon retainer.

The pump must be filled with water before it is put into operation.

CAUTION: Do not attempt to start the motor pump without cooling water. Extended operation without cooling water can also damage the seal of the motor pump. If the pump is found to be running dry, stop the engine and fill it with water when it cools.

6.3 CONNECTING THE WATER SUPPLY CONNECTION

Connect the water inlet connection with a commercially available hose, connector and clamp. The inlet hose must be a continuous, non-collapsible structure with a length no longer than necessary and must be placed near the water source so that the motor pump can be mounted on the end of the hose with the hose connector as shown in the picture of lower.

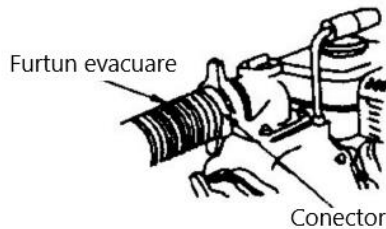
CAREFUL! Before pumping the water, attach the filter to the end of the hose to filter foreign objects from the water, the presence of which can cause clogging and damage to the paddle wheel.

NOTE: The hose connector and clamp must be securely fastened to prevent air infiltration and reduced suction power. A loose hose will reduce pump performance and self-priming power.



6.4 CONNECTING THE WATER OUTLET CONNECTION

Connect the water outlet connection with a hose, connector and clamp. Large diameter hoses are the most efficient, while small ones will increase flow resistance and reduce the power output of the pump.



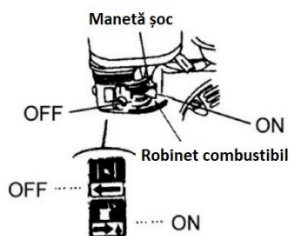
NOTE: Make sure the hoses are securely fastened to prevent them from coming loose under high water pressure conditions.

7 . PUTTING INTO SERVICE

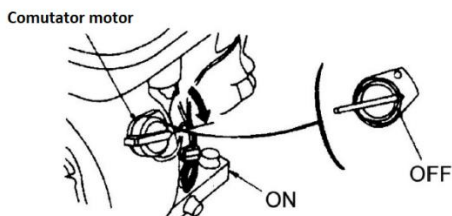
7.1 STARTUP

- Place the fuel valve in the open position
- Position the choke in the closed position

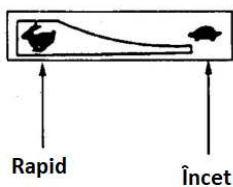
Shock is not necessary when starting a warm engine.



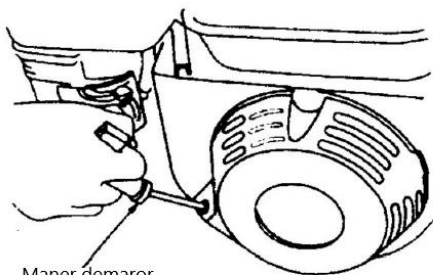
Turn the engine switch to the ON position



Push the throttle slightly to the left (Rapid).



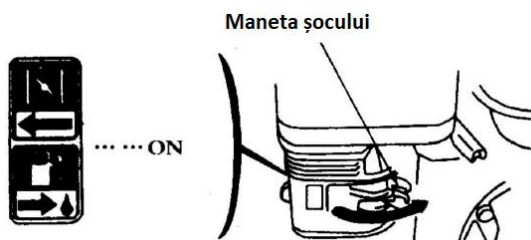
Pull the starter handle up gently until it resists and then pull steadily.



Maner demaror

7.2 OPERATION

Gradually release the shock after the engine warms up.

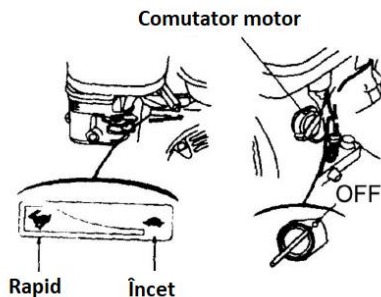


Maneta șocului

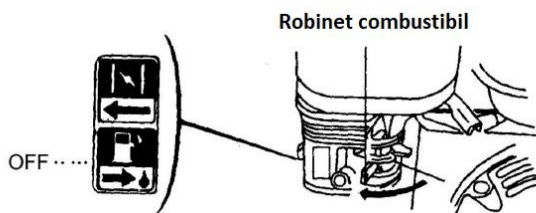
Set the throttle to the preset revolutions per minute.

7.3 TERMINATION

1. Push the throttle lever to the right end (Slow).
2. Set the engine switch to the OFF position.



3. Turn off the fuel valve (set the "OFF" position).



To stop the engine in an emergency, it is enough to position the engine switch in the OFF position.

8. MAINTENANCE

Regular inspections and fine-tuning are simply essential to keep your water pump running at peak performance, and regular maintenance can also extend the life of your water pump. The table on the next page provides the intervals at which maintenance work should be carried out.

CAREFUL:

- Always use original RURIS parts and relevant tools supplied with the device to perform maintenance work. Failure to observe this principle can cause damage to the motor pump.
- Before carrying out any maintenance work, make sure that the engine has stopped and that it has cooled down.

NOTE:

Inspection and maintenance should occur more frequently if the motor pump is used in a dirty environment.

Perioada normală de întreținere \ Element	La fiecare utilizare	Pe lună sau 25 de ore	Pe lună sau 50 de ore	Pe lună sau 100 de ore	Pe lună sau 300 de ore
Verificați nivelul uleiului de motor	○				
Înlocuiți uleiului de motor		○			
Verificați filtrul de aer	○				
Filtrul de aer			○		
Bujia			○		○*
Turbina					○*
Capacul carcasei pompei					○*
Admisie apă					○*

○* - Check / replace in an authorized RURIS service. These parts of the maintenance process must be carried out at an authorized service, or by the owner if he has mechanical skills and uses the appropriate tools.

Draining the oil is easy and quick while the engine is warm.

1. Remove the oil dipstick and drain plug to allow the oil to drain.
2. Screw the drain screw back in and tighten.
3. Pour in clean oil until the desired level is reached.



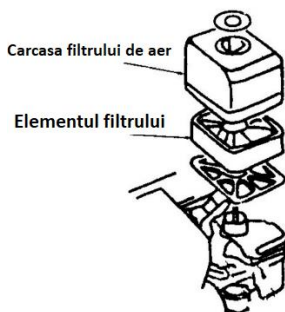
NOTE: Be sure to protect the environment when replacing used engine oil. We recommend that you collect the used oil in a container to be taken to a waste disposal site or a waste recycling centre. Do not throw it in the trash or spill it on the ground.

1. Air filter maintenance

A dirty air filter will let less air into the carburetor. To prevent carburetor failures, be sure to service the air filter regularly. More frequent air filter maintenance will be required if the motor pump is operated in an extremely dirty environment.

DO NOT clean the air filter with a solvent as it can become flammable.

CAUTION: Do not use the water pump without an air filter. If dirt or dust is sucked into the engine, it can accelerate engine wear.



- 1) Unscrew the wing nut and remove the air filter cover and filter element.
- 2) Clean the filter element with detergent and allow it to dry thoroughly after cleaning and the paper filter by hitting it against a hard surface or blowing it with compressed air. Do not brush.
- 3) Reassemble both the filter element and the air filter in place.

2. Spark plug maintenance

To ensure normal engine operation, the spark plug must have the correct gap and be free of carbon deposits.

- 1) Remove the spark plug plug.

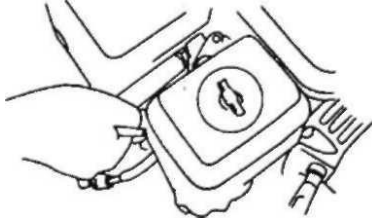
The muffler can be hot, be careful not to touch the muffler.

2) Visually check the spark plug. Replace the spark plug if it is visibly worn or the insulating ring is broken or cracked. Clean spark plug with a wire brush before refitting.

3) Check the spark plug gap with a feeler gauge.

4) Normal spark plug gap: 0.70~0.80mm.

- 4) Check the spark plug ring if it is in good condition. Thread it in with a spark plug wrench to protect the thread.



NOTE: If installing a new spark plug, tighten it an additional half turn.

CAREFUL:

- Make sure the spark plug is properly tightened. Improper tightening may cause overheating or engine damage. Never use spark plugs with an incorrect thermal value range.

9. STORAGE

CAREFUL!

To avoid a fire, allow the motor to cool before transporting or storing the pump. Before transporting the motor pump, turn the fuel valve to the OFF position and place the pump body level to prevent fuel spillage. Spilled gasoline or gasoline vapors can ignite.

Remember and perform the following steps before storing the motor pump for an extended period of time:

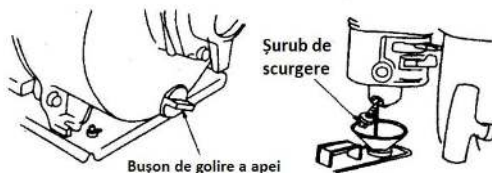
Make sure the storage area is free of moisture or dust.

- 1) Clean the motor pump.

Before storage, clean the motor pump by vacuuming clean water, otherwise the impeller may be damaged when the motor pump is put into operation again. After cleaning, unscrew the water drain plug to drain the water inside the motor pump body as much as possible. Then screw in the drain plug.

- 2) Drain the fuel.

- a. Turn off the fuel valve (OFF position), unscrew the drain/drain screw on the carburetor to drain the fuel inside it and collect the gasoline in a suitable container.
- b. Turn the fuel valve (ON position) and collect the gasoline in a container.
- c. Screw in the drain screw .



- 3) Engine oil replacement.
- 4) Unscrew the spark plug, pour 10 ml of clean oil into the cylinder, reciprocate the engine several times to allow the oil to be evenly distributed, and then screw the spark plug back in.
- 5) Cover the pump to prevent dust from entering.

Warranty NOTE :

The turbine-type (closed or open) and screw-type (auger) rotors are made of bronze, steel and rubber, respectively, and are subject to wear in different ways, depending on the hardness of the water, but also on the number and size of the particles in water (sand, mud, etc.). For this reason, these components are considered consumables and do not benefit from the warranty.

10. COMPLIANCE STATEMENTS

DECLARATION OF CONFORMITY CE



Manufacturer: SC RURIS IMPEX SRL

Blvd. Decebal, no. 111, Administrative Building, 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. Florea Nicolae – Production Design Director

Product description: **MOTOPOMPA** performs liquid irrigation and pumping operations, the machine itself being the energy component, and the centrifugal pump is the actual work equipment

Product: MOTOR PUMP

Product serial number: from xx MP200XR 00001 to xx MP200XR 9999 (where xx represents the last two digits of the year of manufacture)

Type: MP200XR

Engine: thermal, on unleaded gasoline, 4 strokes

Flow: 30m³/h

Model: RURIS

Power: 6.5 HP

Start: Manual

*We, SC RURIS IMPEX SRL Craiova, manufacturer, in accordance with HG 1029/2008 - regarding the conditions for the introduction of machines on the market, **Directive 2006/42/CE – machines; safety and security requirements**, Standard EN ISO 12100:2010–Machines. Security, **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 to engines and HG 467/2018 regarding the enforcement measures of the mentioned Regulation, we have certified the conformity of the product with the specified standards and we declare that it complies with the main safety and security 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:

- **SR EN ISO 12100:2011 / EN ISO 12100:2010** - Machine safety. General design principles. Risk assessment and risk reduction
- **SR EN 809+A1/2010/ EN 809:1998+A1:2009** - Pumps and pumping units for liquids. Common Security Requirements
- **SR EN 809+A1:2010/AC:2010/ EN 809:1998+A1:2009+AC2010** - Pumps and pumping units for liquids. Common security requirements
- **SR EN ISO 5199:2003/EN ISO 5199:2004**- Technical conditions for centrifugal pumps. Class II
- **SR EN ISO 9905:2002/AC:2006/ EN ISO 9905:2000/AC:2006**- Technical conditions for centrifugal pumps. Class I
- **SR EN ISO 9908:2002/ EN ISO 9908:2000**- Technical conditions for centrifugal pumps. Class III
- **SR EN ISO 14847:2002/ EN ISO 14847:2002**- Rotary volumetric pumps. Technical conditions
- **SR EN ISO 12162:2010/ EN ISO 12162:2010**- Thermoplastic materials for pipes and connections for applications under pressure. Classification, scoring and calculation coefficient

- **SR EN ISO 13857:2020/ EN ISO 13857:2020**- Machine safety. Safety distances to prevent upper and lower limbs from entering hazardous areas
- **SR EN ISO 20361:2020/ EN 20361:2020**- Pumps and pumping units for liquids. Noise test code. Accuracy classes 2 and 3
- **SR EN ISO 14982:2009/ EN 14982:2009** – Agricultural and forestry machines. Electromagnetic compatibility. Test methods and acceptability criteria

- **Directive 2000/14/EC** (amended by Directive 2005/88/EC) – Noise emissions in the outdoor environment
- **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.

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: TBM Co LTD
- Type: BS168F-1
- Type approval number obtained by the specialized manufacturer:

e13*2016/1628*2017/656SRA1/P*0142*00

- Engine identification number – unique number.
- Concept General Engine

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 issuance: **Craiova, 01.11.2022**

Year of application of the CE marking: **2022**

No. reg: **1229/01.11.2022**

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, Administrative Building, 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. Florea Nicolae – Production Design Director

Product description: MOTOPOMPA performs liquid irrigation and pumping operations, the machine itself being the energy component, and the centrifugal pump is the actual work equipment

Product: MOTOR PUMP

Product serial number: from xx MP200XR 00001 to xx MP200XR 9999 (where xx represents the last two digits of the year of manufacture)

Type: MP200XR

Model: RURIS

Engine: thermal, on unleaded gasoline, 4 strokes

Power: 6.5 HP

Flow: 30m³/h

Start: Manual

Acoustic power level (idle): **99 dB(A)** Acoustic power level: **99 dB(A)**

The acoustic power level is certified by INMA Bucharest through test report no. 4/01.07.2021, 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 issuance: **Craiova, 01.11.2022**

Year of application of the CE marking: **2022**

No. reg: **1230/01.11.2022**

Authorized person and signature:

Ing. Stroe Marius Catalin

Director General of

SC RURIS IMPEX SRL



DECLARATION OF CONFORMITY CE



Manufacturer: SC RURIS IMPEX SRL

Bldv. Decebal, no. 111, Administrative Building, 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. Florea Nicolae – Production Design Director

Product description: **MOTOPOMPA** performs liquid irrigation and pumping operations, the machine itself being the energy component, and the centrifugal pump is the actual work equipment

Product: MOTOR PUMP

Product serial number: from xx MP300XR 00001 to xx MP300XR 9999 (where xx represents the last two digits of the year of manufacture)

Type: MP300XR

Model: RURIS

Engine: thermal, on unleaded gasoline, 4 strokes

Power: 13 HP

Flow: 40m³/h

Start: Manual

*We, SC RURIS IMPEX SRL Craiova, manufacturer, in accordance with HG 1029/2008 - regarding the conditions for the introduction of machines on the market, **Directive 2006/42/CE – machines; safety and security requirements**, Standard EN ISO 12100:2010–Machines. Security, **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 to engines** and HG 467/2018 regarding the enforcement measures of the mentioned Regulation, we have certified the conformity of the product with the specified standards and we declare that it complies with the main safety and security requirements.*

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- **SR EN ISO 12100:2011 / EN ISO 12100:2010** - Machine safety. General design principles. Risk assessment and risk reduction
- **SR EN 809+A1:2010/ EN 809:1998+A1:2009** - Pumps and pumping units for liquids. Common Security Requirements
- **SR EN 809+A1:2010/AC:2010/ EN 809:1998+A1:2009+AC2010** - Pumps and pumping units for liquids. Common security requirements
- **SR EN ISO 5199:2003/EN ISO 5199:2004**- Technical conditions for centrifugal pumps. Class II
- **SR EN ISO 9905:2002/AC:2006/ EN ISO 9905:2000/AC:2006**- Technical conditions for centrifugal pumps. Class I
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- **SR EN ISO 12162:2010/ EN ISO 12162:2010**- Thermoplastic materials for pipes and connections for applications under pressure. Classification, scoring and calculation coefficient
- **SR EN ISO 13857:2020/ EN ISO 13857:2020**- Machine safety. Safety distances to prevent upper and lower limbs from entering hazardous areas

- **SR EN ISO 20361:2020/ EN 20361:2020**- Pumps and pumping units for liquids. Noise test code. Accuracy classes 2 and 3

- **SR EN ISO 14982:2009/ EN 14982:2009** – Agricultural and forestry machines. Electromagnetic compatibility. Test methods and acceptability criteria

- **Directive 2000/14/EC** (amended by Directive 2005/88/EC) – Noise emissions in the outdoor environment
- **Directive 2006/42/EC** - regarding machines - placing machines on the market
- **Direction 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.

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: TBM Co LTD

- Type: BS188F

- Type approval number obtained by the specialized manufacturer:

e13*2016/1628*2017/656SRB1/P*0141*00

- Engine identification number – unique number.

- Concept General Engine

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 issuance: **Craiova, 01.11.2022**

Year of application of the CE marking: **2022**

No. reg: **1231/01.11.2022**

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, Administrative Building, 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. Florea Nicolae – Production Design Director

Product description: **MOTOPOMPA** performs liquid irrigation and pumping operations, the machine itself being the energy pump component, and the centrifugal pump is the actual work equipment

Product: **MOTOR PUMP**

Product serial number: from xx MP300XR 00001 to xx MP300XR 9999 (where xx represents the last two digits of the year of manufacture)

Type: MP300XR

Model: RURIS

Engine: thermal, on unleaded gasoline, 4 strokes

Power: 13 HP

Flow: 40m³/h

Start: Manual

Acoustic power level (idle): **99 dB(A)** Acoustic power level: **99 dB(A)**

The acoustic power level is certified by INMA Bucharest through test report no. 1/07/01/2021, 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 EN 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 issuance: **Craiova, 01.11.2022**

Year of application of the CE marking: **2022**

No. reg: **1232/01.11.2022**

Authorized person and signature:

Ing. Stroe Marius Catalin

Director General of

SC RURIS IMPEX SRL

