

RIWALL PRO Kox RS 350i

RIWALL KOX L12 350 Pressure Washer

Model: Kox RS 350i

Brand: RIWALL PRO

1. INTRODUCTION

Welcome to the user manual for your new RIWALL KOX L12 350 Pressure Washer. This powerful and versatile cleaning tool is designed for efficient and effective cleaning tasks around your home and garden. Please read this manual carefully before operating the device to ensure safe and optimal performance. This manual provides essential information on product features, technical specifications, assembly, operation, maintenance, and troubleshooting.

2. PRODUCT OVERVIEW

The RIWALL KOX L12 350 is a professional-grade pressure washer featuring a durable brass pump and a powerful induction motor, designed for demanding cleaning tasks. Its robust construction and comprehensive set of accessories make it suitable for various applications.

Key Features:

- Brass Pump Head:** High-pressure pump with long lifespan and high corrosion resistance.
- Induction Motor:** Efficient, quiet, and brushless for extended durability.
- High Pressure Output:** Up to 350 Bar (effective) with turbo nozzle for powerful cleaning.
- Automatic Start/Stop System:** Motor operates only when the spray gun trigger is pulled, saving energy and extending motor life.
- Suction-Delivery Pump:** Ability to draw water from external sources like buckets or rainwater tanks.
- Integrated Detergent Tank:** 2-in-1 built-in tank for easy application of cleaning agents.
- Hose Reel:** Conveniently stores the 10m high-pressure hose, allowing winding and unwinding during operation.

- **Mobility:** Large reinforced transport wheels and a comfortable handle for easy movement.
- **Versatile Nozzles:** Includes 4 interchangeable nozzles (0°, 25°, 40°, and chemical nozzle) for various cleaning needs.
- **Durable Construction:** Made with durable POM housing and high-quality components.



Figure 2.1: The RIWALL KOX L12 350 Pressure Washer with its complete set of accessories, including the spray gun, lance, various nozzles, and the main unit.



Figure 2.2: Rear view of the pressure washer, highlighting the integrated detergent tank for easy soap application.



Figure 2.3: Side view of the pressure washer, emphasizing the robust design and the high-quality brass pump, a core component for durability and performance.

3. TECHNICAL SPECIFICATIONS

Specification	Value
Model Number	Kox RS 350i
Power	3200W
Power Supply	230 V / 50 Hz
Pressure (Turbo Nozzle)	350 Bar effective (EPS)
Max Water Flow	540 l/h
Max Water Temperature	50°C
Weight	24 kg
Pump Material	Brass
Motor Type	Induction (Electromagnetic, Brushless)
Adjustable Lance Pressure	150 - 225 bar
Auto Stop System	Yes

Suction Pump Function	Yes (from external sources)
Product Dimensions (L x W x H)	97 x 34 x 30 cm
Hose Length	10m

4. ASSEMBLY AND SETUP

Before first use, ensure all components are present and undamaged. Follow these steps for proper assembly:

- 1. Unpack:** Carefully remove all parts from the packaging.
- 2. Attach Wheels:** Securely attach the transport wheels to the main unit.
- 3. Connect High-Pressure Hose:** Connect one end of the 10m high-pressure hose to the pressure washer's outlet and the other end to the spray gun. Ensure connections are tight.
- 4. Attach Lance and Nozzle:** Connect the extension lance to the spray gun. Select the desired nozzle (0°, 25°, 40°, or chemical) and attach it to the end of the lance.
- 5. Fill Detergent Tank (Optional):** If using cleaning agents, fill the integrated detergent tank with the appropriate solution.
- 6. Connect Water Supply:** Connect a garden hose (not included) to the water inlet of the pressure washer. Ensure the water supply is clean and free of debris. The unit can also draw water from an external tank using its suction pump function.
- 7. Connect Power:** Plug the power cord into a grounded 230V / 50Hz electrical outlet. Ensure the power cable is fully unwound from its reel.



Figure 4.1: All components of the RIWALL KOX L12 350 pressure washer laid out, illustrating the various parts to be assembled.

5. OPERATING INSTRUCTIONS

Once assembled and connected, follow these steps to operate your pressure washer safely and effectively:

- 1. Turn on Water Supply:** Fully open the water tap to ensure a steady flow to the pressure washer.
- 2. Purge Air:** Before turning on the power, squeeze the spray gun trigger to allow water to flow through the system and expel any trapped air. Continue until a steady stream of water emerges from the nozzle.
- 3. Power On:** Switch the pressure washer to the 'ON' position. The induction motor will start when the trigger is pulled.
- 4. Begin Cleaning:** Hold the spray gun firmly with both hands. Point the nozzle at the surface to be cleaned, maintaining a safe distance. Squeeze the trigger to start the high-pressure spray.
- 5. Adjust Pressure/Detergent:** If your model has adjustable pressure on the lance, rotate the nozzle or adjust the setting on the lance to change the pressure. If using detergent, ensure the chemical nozzle is

attached or the detergent function is activated, and adjust the chemical quantity from the tank as needed.

6. **Total Stop System:** When you release the trigger, the Total Stop System will automatically shut off the motor, saving energy and reducing noise. The motor will restart when the trigger is pulled again.
7. **After Use:** When finished, switch the pressure washer to the 'OFF' position. Turn off the water supply. Squeeze the spray gun trigger to release any remaining pressure in the system. Disconnect the high-pressure hose and water supply hose.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your RIWALL pressure washer.

- **Clean Nozzles:** After each use, inspect and clean the nozzles to prevent blockages. A clogged nozzle can cause pressure fluctuations or damage to the pump.
- **Check Water Filter:** Regularly check and clean the built-in water filter and any additional external filters to prevent debris from entering the pump.
- **Inspect Hoses and Connections:** Before and after each use, check the high-pressure hose, water supply hose, and all connections for signs of wear, kinks, or leaks. Replace damaged components immediately.
- **Detergent Tank Cleaning:** If you used detergent, rinse the detergent tank thoroughly with clean water after each use to prevent residue buildup.
- **Winter Storage:** If storing the pressure washer in an area where temperatures may drop below freezing, ensure all water is drained from the pump, hoses, and spray gun to prevent damage from freezing. Consider using a pump protector solution.
- **General Cleaning:** Wipe down the exterior of the unit with a damp cloth. Do not use harsh chemicals or abrasive cleaners.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your pressure washer. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
No pressure or low pressure	<ul style="list-style-type: none">• Insufficient water supply• Clogged nozzle• Air in the pump• Kinked hose	<ul style="list-style-type: none">• Ensure water tap is fully open• Clean or replace nozzle• Purge air from the system (see Operating Instructions)• Straighten hose

Motor does not start	<ul style="list-style-type: none">• No power supply• Thermal overload• Auto Stop system engaged (no water flow)	<ul style="list-style-type: none">• Check power connection and circuit breaker• Allow motor to cool down• Ensure water supply is on and trigger is pulled
Water leakage	<ul style="list-style-type: none">• Loose connections• Damaged O-rings or seals	<ul style="list-style-type: none">• Tighten all connections• Inspect and replace damaged O-rings or seals

8. WARRANTY AND SUPPORT

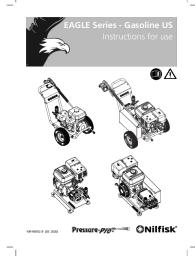
The RIWALL KOX L12 350 Pressure Washer is a product of the renowned Czech brand RIWALL PRO, known for its high-quality and professional series tools. For warranty information, service, or technical support, please contact your authorized RIWALL PRO retailer or visit the official RIWALL PRO website. Please retain your purchase receipt as proof of purchase for any warranty claims.

For further assistance, please refer to the contact information provided with your purchase or on the manufacturer's official channels.

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Related Documents - Kox RS 350i

Pressure Washer Operations Manual	<p><u>Pressure Washer Operations Manual: Safety, Setup, and Maintenance Guide</u></p> <p>Comprehensive operations manual for pressure washers, covering safety precautions, initial setup, operation tips, nozzle selection, troubleshooting common problems, and maintenance schedules. Learn how to safely and effectively use your pressure washer.</p>
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	<p>Greenworks Pro GPW 2300 PSI Pressure Washer Quick Start Guide</p> <p>A concise guide to assembling and using the Greenworks Pro GPW 2300 PSI Pressure Washer, including setup instructions, spray tip applications, and detergent usage.</p>
	<p>Motion Pro TURBO Throttle Cables: Yamaha ATV Application Guide</p> <p>Find the correct Motion Pro TURBO throttle cable for your Yamaha ATV. This guide lists compatible models like the Bruin 350, Grizzly 350, and Moto 4 350, along with part numbers and application years. Essential information for powersports enthusiasts.</p>
	<p>Bormann Pro BPW5000 Pressure Washer User Manual</p> <p>Comprehensive user manual for the Bormann Pro BPW5000 pressure washer, detailing operation, safety features, technical specifications, troubleshooting, and warranty information. Includes multilingual support.</p>
	<p>HOTO 20V Pressure Washer Pro User Manual and Operating Guide</p> <p>Detailed user manual for the HOTO 20V Pressure Washer Pro. Covers product overview, assembly, operation, safety precautions, specifications, maintenance, and troubleshooting. Includes component descriptions and usage tips.</p>
	<p>Nilfisk EAGLE Series Gasoline Pressure Washer User Manual</p> <p>User manual for Nilfisk EAGLE Series gasoline pressure washers, detailing setup, operation, safety, maintenance, and troubleshooting for professional cleaning applications.</p>