

Kräntle 4012314004502

Kräntle Profi 160 TS T Pressure Washer User Manual

Model: 4012314004502

INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Kränzle Profi 160 TS T professional pressure washer. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury or damage.

SAFETY INSTRUCTIONS

Always adhere to the following safety guidelines:

- Ensure the power supply matches the machine's requirements.
- Do not direct the water jet at people, animals, or electrical equipment.
- Wear appropriate personal protective equipment (PPE), including eye protection and sturdy footwear.
- Disconnect the power supply before performing any maintenance or cleaning.
- Keep children and pets away from the operating area.
- Do not operate the pressure washer if any parts are damaged.

PRODUCT OVERVIEW

The Kränzle Profi 160 TS T is a robust single-phase professional pressure washer designed for demanding cleaning tasks. It features a durable construction and efficient performance.



Figure 1: Kränzle Profi 160 TS T Pressure Washer. This image shows the complete pressure washer unit, including the hose reel, pressure gauge, and the main blue housing with the Kränzle logo. The unit is designed for portability with its integrated wheels and handle.

Key Components:

- **High-Pressure Hose Reel:** For convenient storage and deployment of the high-pressure hose.
- **Pressure Gauge:** Displays the current operating pressure.
- **Detergent Suction System:** Allows for the application of cleaning agents.
- **Total Stop System (TS T):** Automatically shuts off the motor when the trigger gun is closed, extending pump life.

- **Integrated Trolley:** For easy transport.

SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Check for any damage during transit.
2. **Assembly:**
 - Attach the high-pressure hose to the machine's outlet and the trigger gun. Ensure connections are secure.
 - Connect the water supply hose to the machine's inlet. A filter should be used to prevent debris from entering the pump.
3. **Water Supply:** Connect the pressure washer to a suitable water source. Ensure a minimum flow rate to prevent cavitation.
4. **Electrical Connection:** Plug the power cord into a grounded electrical outlet. Verify that the voltage matches the machine's specifications.

OPERATING INSTRUCTIONS

Starting the Machine:

1. Open the water supply tap completely.
2. Squeeze the trigger gun to purge air from the system until a steady stream of water emerges.
3. Switch the machine ON using the main power switch. The motor will start, and pressure will build up.

Using the Pressure Washer:

- Hold the trigger gun firmly with both hands.
- Maintain a safe distance from the surface being cleaned to avoid damage.
- For stubborn dirt, use the dirt killer nozzle (if included) or apply detergent.
- Move the spray gun steadily across the surface.

Stopping the Machine:

1. Release the trigger gun. The Total Stop System will activate.
2. Switch the machine OFF using the main power switch.
3. Close the water supply tap.
4. Squeeze the trigger gun to release any residual pressure in the system.
5. Disconnect the power cord and water supply.

MAINTENANCE

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

• After Each Use:

- Drain all water from the pump and hoses, especially in freezing temperatures.
- Clean the water inlet filter.
- Wipe down the machine with a damp cloth.

- **Monthly/Seasonal:**

- Check oil level in the pump (if applicable, refer to specific pump instructions).
- Inspect hoses and connections for wear or damage. Replace if necessary.
- Clean nozzles to prevent blockages.

For detailed maintenance procedures, refer to the specific pump and motor manuals provided by Kränzle.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No pressure or low pressure	Insufficient water supply, air in pump, clogged nozzle, worn seals.	Check water supply, purge air, clean nozzle, contact service for seal replacement.
Motor stops frequently	Overheating, low voltage, Total Stop System activating too often.	Allow motor to cool, check power supply, ensure continuous operation when cleaning.
Water leaks	Loose connections, damaged O-rings or seals.	Tighten connections, replace damaged O-rings/seals.

SPECIFICATIONS

- **Model:** Kränzle Profi 160 TS T
- **Product Number:** 4012314004502
- **Article Number:** 412301
- **Power Source:** Electric Cable
- **Maximum Pressure:** 160 Bars
- **Maximum Flow Rate:** 11 Litres per minute
- **Dimensions (L x W x H):** 35 x 35 x 90 cm
- **Weight:** 45 kg (99.21 lbs)
- **Color:** Kl-blue
- **Certifications:** CE

WARRANTY AND SUPPORT

For warranty information and technical support, please contact your authorized Kränzle dealer or visit the official Kränzle website. Keep your purchase receipt as proof of purchase for warranty claims.

Kräzle Official Website: www.kraenzle.com