

Kränzle 40432

Kränzle Quadro 799TS T High-Pressure Cleaner User Manual

Model: 40432

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Kränzle Quadro 799TS T High-Pressure Cleaner. Please read this manual thoroughly before operating the machine and keep it for future reference.

SAFETY INSTRUCTIONS

Always observe basic safety precautions when using this appliance to reduce the risk of fire, electric shock, and personal injury.

- Ensure the power supply matches the specifications on the rating plate.
- Do not operate the machine with damaged cords or plugs.
- Keep children and bystanders away from the operating area.
- Wear appropriate personal protective equipment (PPE), including eye protection and hearing protection.
- Never direct the water jet at people, animals, or electrical equipment.
- Disconnect the power supply before performing any maintenance or cleaning.

PRODUCT OVERVIEW

The Kränzle Quadro 799TS T is a robust high-pressure cleaner designed for demanding cleaning tasks. It features an integrated chassis, a 20-meter steel high-pressure hose, and a continuously adjustable pressure regulation system.

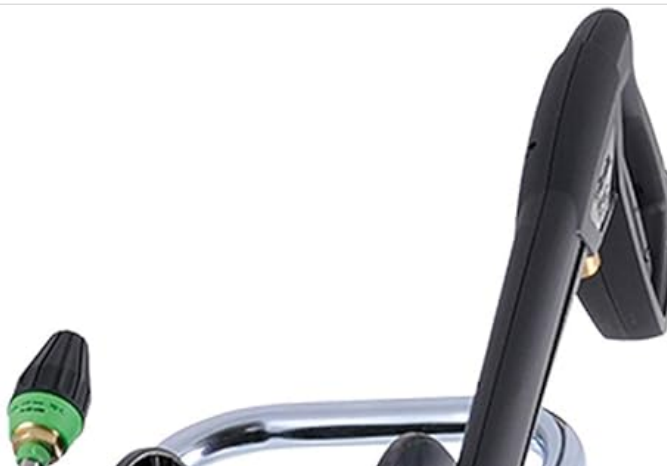




Figure 1: Front view of the Kränzle Quadro 799TS T High-Pressure Cleaner, showing the main unit, hose reel, and spray gun holder.

Key Components:

- **High-Pressure Hose Reel:** For convenient storage and deployment of the 20m steel high-pressure hose.
- **Safety Stop Gun:** Ergonomically designed for user comfort and safety, with a total stop device for delayed motor shutdown.
- **Dirt Killer Lance:** For stubborn dirt removal.

- **Spray Lance with Stainless Steel Tube:** Standard lance for general cleaning.
- **Pressure Regulation:** Continuously adjustable pressure for various cleaning needs.
- **Integrated Chassis:** Provides stability and mobility.
- **Brass Pump Head:** Durable and resistant to corrosion.
- **Ceramic Coated Pump:** Enhances pump longevity.
- **Float Tank (10L):** For water supply, with an option for direct suction.

SETUP

1. **Unpacking:** Carefully remove the high-pressure cleaner and all accessories from the packaging. Check for any damage during transit.
2. **Positioning:** Place the unit on a stable, level surface. Ensure adequate ventilation around the machine.
3. **Water Connection:**
 - Connect a garden hose to the water inlet of the float tank. Ensure the water supply is clean and free of debris.
 - *For direct suction (optional accessory required):* Connect the suction hose directly to the pump inlet, bypassing the float tank. The maximum direct suction height is 2.5 meters (8.2 ft).
4. **High-Pressure Hose Connection:** Connect one end of the 20m (65.6 ft) high-pressure hose to the high-pressure outlet on the machine and the other end to the safety stop gun. Ensure connections are secure.
5. **Lance Attachment:** Attach the desired lance (dirt killer or spray lance) to the safety stop gun.
6. **Electrical Connection:** Connect the 7.5m (24.6 ft) power cable to a suitable three-phase 400 V, 8.5 A, 50 Hz power outlet. Ensure the power supply is grounded.



Figure 2: A user demonstrating the connection of a hose to the Kränzle high-pressure cleaner, highlighting the ease of setup.

OPERATING INSTRUCTIONS

1. Before Starting:

- Ensure all connections are tight and secure.
- Open the water supply tap completely.
- Squeeze the trigger on the safety stop gun to purge air from the system until a steady stream of water emerges.

2. **Starting the Machine:** Switch on the main power switch on the unit. The motor will start.

3. **Pressure Adjustment:** Use the continuous pressure regulation knob to set the desired operating pressure (30-180 bar).

4. **Applying Cleaning Agent (if applicable):** If your model supports cleaning agent suction with a filter, follow the specific instructions for your cleaning agent.

5. **Cleaning:** Direct the water jet at the surface to be cleaned, maintaining a safe distance. Work systematically to ensure even cleaning.
6. **Total Stop Feature:** The machine is equipped with a total stop device with delayed motor shutdown. When the trigger on the gun is released, the motor will stop after a short delay, saving energy and reducing wear. The motor will restart automatically when the trigger is squeezed again.
7. **Shutting Down:**
 - Switch off the main power switch.
 - Close the water supply tap.
 - Squeeze the trigger on the safety stop gun to release any remaining pressure in the system.
 - Disconnect the power cable and water hose.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Kränzle high-pressure cleaner.

- **After Each Use:**
 - Drain all water from the system, especially in freezing temperatures.
 - Clean the exterior of the machine with a damp cloth.
 - Coil the high-pressure hose neatly on the hose reel and store the power cable.
- **Filter Cleaning:** Regularly check and clean the water inlet filter to prevent debris from entering the pump.
- **Nozzle Inspection:** Inspect nozzles for wear or blockage. Replace worn nozzles to maintain optimal spray pattern and pressure.
- **Oil Level Check:** Periodically check the oil level in the pump. Refer to the manufacturer's specifications for recommended oil type and change intervals.
- **Winter Storage:** If storing in an area subject to freezing temperatures, ensure the pump and hoses are completely drained or filled with an anti-freeze solution suitable for pumps.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No pressure or low pressure	Insufficient water supply Air in the pump Clogged nozzle Worn pump seals	Ensure water tap is fully open and hose is not kinked. Purge air by squeezing gun trigger with water supply on. Clean or replace nozzle. Contact authorized service center.
Motor does not start	No power supply Thermal overload activated Faulty switch	Check power connection and circuit breaker. Allow motor to cool down. Contact authorized service center.
Water leaks	Loose connections Damaged O-rings or seals	Tighten all connections. Replace damaged O-rings or seals.

SPECIFICATIONS

Parameter	Value
Model	Kränzle Quadro 799TS T (40432)
Operating Pressure (adjustable)	30 - 180 bar (435 - 2610 PSI)
Max. Permissible Pressure	200 bar (2901 PSI)
Water Flow Rate (nominal)	13.5 l/min (3.57 GPM)
Max. Feed Temperature (float tank)	60 °C (140 °F)
Max. Temperature (direct suction)	60 °C (140 °F)
Direct Suction Height	2.5 m (8.2 ft)
Electrical Connection	Three-phase 400 V, 8.5 A, 50 Hz
Motor Speed	1400 rpm
Connection Power (input)	P1 - 5.5 kW
Connection Power (output)	P2 - 4.0 kW
High-Pressure Hose Length	20 m (65.6 ft)
Connection Cable Length	7.5 m (24.6 ft)
Weight (with empty water tank)	60 kg (132.28 lbs)
Dimensions (L x W x H)	780 x 395 x 870 mm (30.7 x 15.5 x 34.2 inches)

Note: Specifications are subject to change without notice.

WARRANTY AND SUPPORT

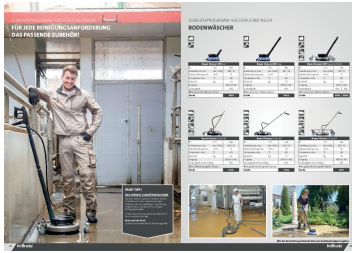
For warranty information and technical support, please refer to the warranty card included with your product or visit the official Kränzle website. Keep your purchase receipt as proof of purchase.

Contact Information:

- For service or spare parts, contact your authorized Kränzle dealer.
- Always provide the model number (40432) and serial number of your unit when seeking support.

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This manual is for informational purposes only. Kränzle is not responsible for any damages or injuries resulting from improper use of the product.



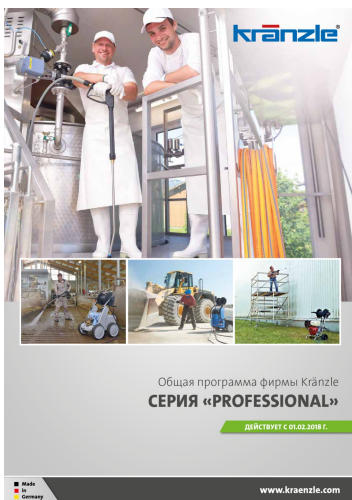
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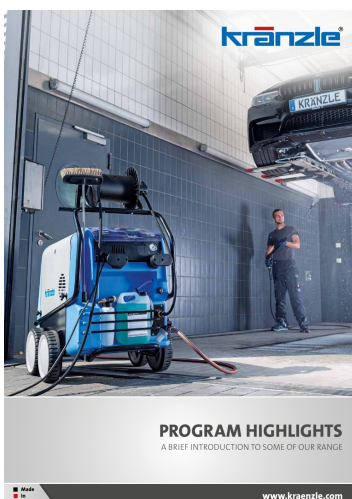
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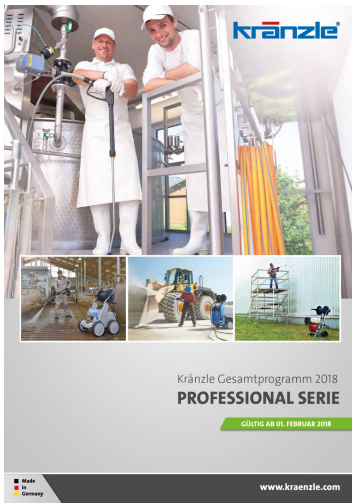
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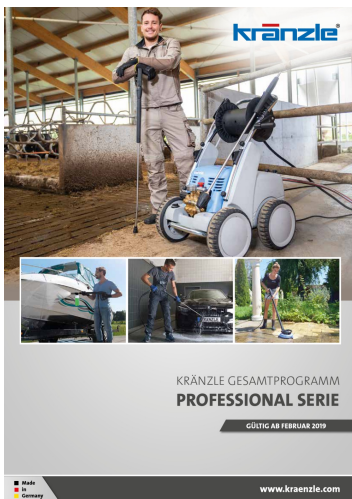


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