

[Manuals.plus](#) /

> [PIUSI](#) /

> PIUSI F00332A2A Manual Hand Pump for AdBlue/Urea (DEF) and Water Transfer Instruction Manual

PIUSI F00332A2A

PIUSI F00332A2A Manual Hand Pump Instruction Manual

Brand: PIUSI | Model: F00332A2A

1. PRODUCT OVERVIEW

The PIUSI F00332A2A is an original PIUSI rotary manual pump, meticulously designed in Italy to ensure smooth and effortless fluid transfer. Unlike traditional piston pumps, its innovative rotary mechanism provides a continuous and consistent flow with minimal physical effort, enhancing user experience and efficiency.

Constructed with a reinforced technopolymer body and internal stainless steel components, this pump offers exceptional resistance to corrosion and wear. This robust design makes it an ideal solution for transferring various fluids, including AdBlue, water, and antifreeze, ensuring long-lasting performance in demanding environments.

Featuring a high delivery capacity of 38 liters per 100 revolutions, the pump allows for rapid emptying of drums and containers without requiring any electrical power. This makes it particularly suitable for use in workshops, outdoor areas, or any location where electrical access is limited or unavailable.

The pump is specifically engineered for direct mounting on standard 200-liter drums, facilitated by an included adapter. Its modular or telescopic suction tube is designed to reach the bottom of the container efficiently, minimizing waste and ensuring thorough fluid extraction.

Beyond AdBlue, the pump's extended chemical compatibility allows it to be used with windshield washer fluid, coolant, and other water-based products. **Important:** This pump is not suitable for use with gasoline, strong solvents, or incompatible acids. Always verify fluid compatibility before use.





Figure 1: PIUSI Manual Hand Pump - Main View with Key Specifications

PIUSI



200L

FUSTO

56X4

ATTACCO

**38/
1000**

LITRIXGIRI


MADE IN ITALY

Figure 2: PIUSI Manual Hand Pump - Dimensions



COMPATIBILITÀ FLUIDI



AdBlue



ANTIGELO



ACQUA



Figure 3: PIUSI Manual Hand Pump - Fluid Compatibility and Handle

2. WHAT'S IN THE BOX

Upon unpacking, ensure all components are present:

- PIUSI Manual Hand Pump

3. SETUP INSTRUCTIONS

Follow these steps to properly assemble your PIUSI Manual Hand Pump:

1. **Assemble the Suction Tube:** Connect the modular or telescopic sections of the suction tube. Ensure all connections are secure.
2. **Attach the Pump Body:** Securely attach the pump body to the assembled suction tube.
3. **Install the Discharge Spout:** Connect the discharge spout to the pump outlet.
4. **Mount the Handle:** Attach the crank handle to the pump's rotary mechanism.
5. **Secure to Drum:** Use the provided adapter to securely mount the pump assembly onto a standard 200-liter

drum. Ensure a tight fit to prevent leaks.

Your browser does not support the video tag.

Video 1: Assembly and Operation of a Manual Barrel Pump. This video demonstrates the assembly and operation of a manual barrel pump, showing how to connect the various components and initiate fluid transfer.

Your browser does not support the video tag.

Video 2: Detailed Assembly of a Manual Fluid Transfer Pump. This video provides a detailed look at the assembly process for a manual fluid transfer pump, illustrating how to connect the main pump body, suction tube, and discharge hose.



Figure 4: Pump with Hose and Spout Assembly

4. OPERATING INSTRUCTIONS

Once the pump is fully assembled and securely mounted on the drum:

1. **Position the Discharge Spout:** Place the discharge spout into the receiving container.
2. **Begin Pumping:** Rotate the crank handle in a continuous motion. The rotary mechanism will draw fluid from the drum and discharge it through the spout.

3. **Monitor Flow:** Maintain a steady rotation for continuous and regular fluid flow. The pump is designed for efficient transfer, delivering 38 liters per 100 revolutions.
4. **Stop Pumping:** Cease rotating the handle once the desired amount of fluid has been transferred or the drum is empty.



Figure 5: PIUSI Manual Hand Pump in Operation

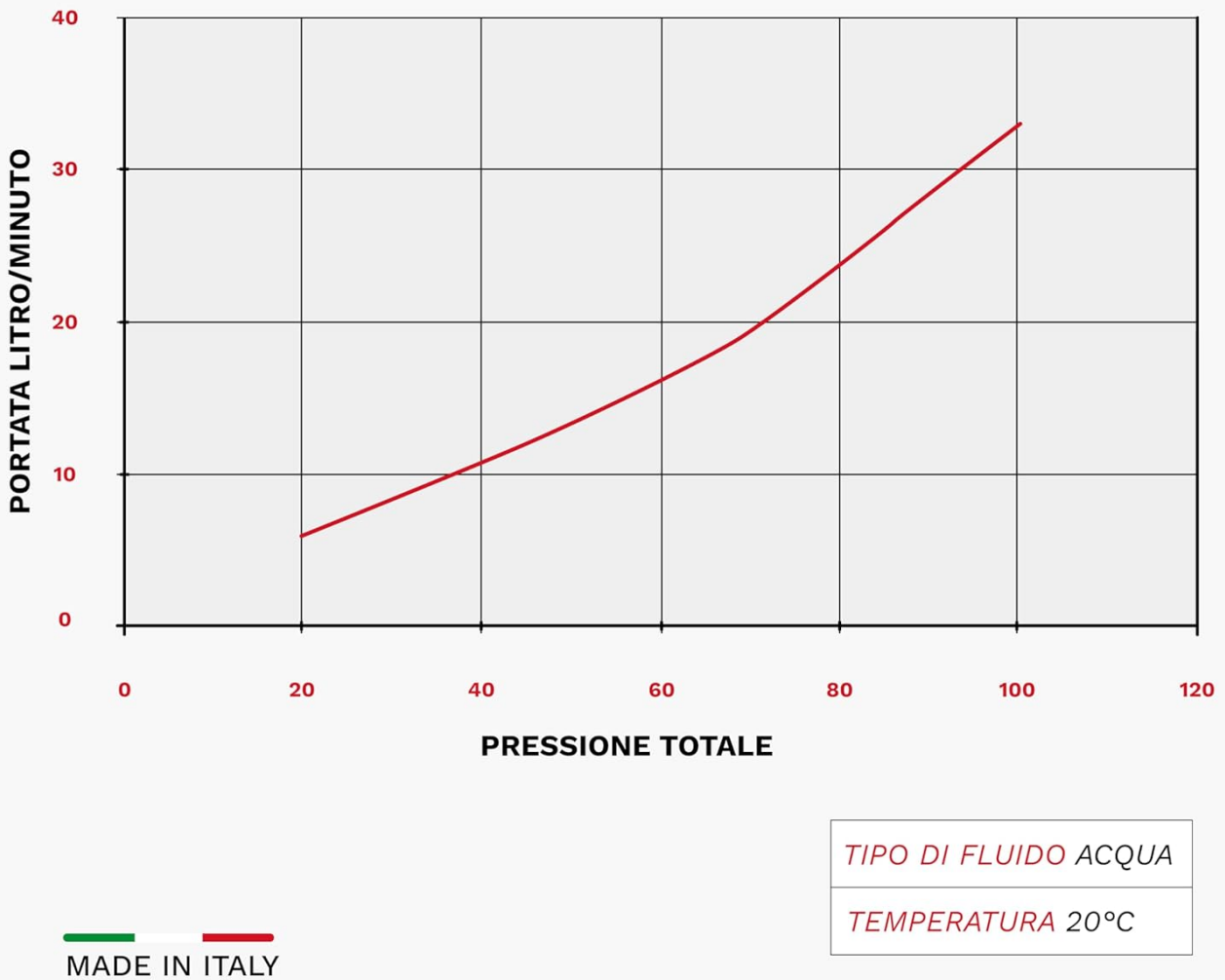


Figure 6: Flow Rate Chart for Water at 20°C

5. MAINTENANCE

To ensure the longevity and optimal performance of your PIUSI Manual Hand Pump, regular maintenance is recommended:

- **Cleaning:** After each use, especially when transferring different types of fluids, flush the pump with a compatible cleaning agent or clean water to remove any residue. This prevents cross-contamination and buildup.
- **Inspection:** Periodically inspect all connections, hoses, and the pump body for any signs of wear, damage, or leaks. Replace any worn or damaged parts immediately.
- **Storage:** Store the pump in a clean, dry place away from direct sunlight and extreme temperatures when not in use.
- **Lubrication:** No specific lubrication instructions are provided for this model. Refer to the manufacturer's official documentation for any specific lubrication requirements.

No specific maintenance schedule or detailed procedures were provided in the product information. For comprehensive maintenance guidelines, please consult the official PIUSI product manual or contact PIUSI customer

support.

6. TROUBLESHOOTING

No specific troubleshooting information is provided in the product details. If you encounter any issues with your PIUSI Manual Hand Pump, consider the following general steps:

- **No Flow or Reduced Flow:**
 - Check for blockages in the suction tube or discharge spout.
 - Ensure all connections are tight and there are no air leaks in the system.
 - Verify that the suction tube reaches the fluid level in the drum.
- **Leaks:**
 - Inspect all threaded connections and hose clamps for tightness.
 - Check for cracks or damage in hoses or the pump body.
- **Difficulty Rotating Handle:**
 - Ensure the pump is not attempting to draw air or is not completely submerged in fluid.
 - Check for any foreign objects obstructing the rotary mechanism.

For persistent problems, contact PIUSI customer support or a qualified technician.

7. SPECIFICATIONS

Feature	Detail
Manufacturer	Piusi SpA
Brand	PIUSI
Model	Hand Pump
Item Weight	3 Kilograms
Product Dimensions	26 x 20 x 16 cm
Item Model Number	F00332A2A
Manufacturer Part Number	F00332A2A
Position	Outdoor
Lift Type	Manual
ASIN	B0999QTL8C
Available on Amazon.it from	July 13, 2021

8. WARRANTY AND SUPPORT

The PIUSI F00332A2A Manual Hand Pump is designed for quality and reliability. While specific warranty details are not provided in the immediate product information, PIUSI is known for its commitment to robust engineering and customer satisfaction.

Return Policy: This product typically has a return policy of 14 days for refund or replacement, as per standard retail terms.

For detailed warranty information, technical support, or to inquire about replacement parts, please contact the manufacturer directly or the seller from whom the product was purchased. You can often find contact information on the official PIUSI website or through your retailer.