

PRODUCT CARD (TECHNICAL SPECIFICATIONS)

So: BAM

Product type: Professional kits for blowing out cabins and machines

Models: PPM009, PPM019, PPM033, PPM034, PPM036, PPM047, PPM070



Main use and functionality

- **Removing contaminants:** The product can be helpful in removing moisture, dust, various types of shavings (wood and metal) from machine and device elements.
- **Cleaning components:** Perfect for cleaning cabin filters, control panels and seat nooks.



Common technical parameters

- **Maximum working pressure:** 10 – 13 bar.
- **Cable length:** approx. 5 meters when stretched.
- **Cable type:** Flexible polyurethane (PU) spiral hose with high shape memory.
- **Cable resistance:** Resistant to kinks, bends, oils and greases.
- **Gun material:** High impact plastic (ergonomic handle).



Purpose and diameters of individual models

- **BAM PPM009 (Ø 6 mm)**
 - Connector type: 6mm push-in tee.
 - Intended use: Universal mounting directly on the power cable (e.g. under the seat).
- **BAM PPM019 (Ø 8 mm)**
 - Connector type: Standard Euro quick connector (type 26).
 - Intended use: For workshop compressors and factory Euro sockets in the cabin.
- **BAM PPM033 (Ø 8 mm)**
 - Connector type: Dedicated quick connector (older type).
 - Intended use: MAN, IVECO, DAF trucks.
- **BAM PPM034 (Ø 8 mm)**
 - Connector type: Volvo / Scania standard quick coupler.
 - Intended use: VOLVO and SCANIA trucks.
- **BAM PPM036 (Ø 8 mm)**
 - Connector type: Euro 6 standard quick coupler.
 - Intended use: New generations of DAF 106+ and MERCEDES Actros MP4 / MP5.
- **BAM PPM047 (Ø 6 mm)**
 - Connector type: Small rectangular plug.
 - Intended use: Selected RENAULT Premium/Magnum and VOLVO FH models.
- **BAM PPM070 (Ø 8 mm)**
 - Connector type: Dedicated multi-position quick connector.
 - Intended use: New MAN TGX models (Euro 6) and CATERPILLAR / KOMATSU construction machinery.

INSTRUCTION MANUAL

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1. Package Contents

Before starting assembly, check that the package contains all the components:

- Ergonomic blow gun with nozzle.
- Flexible, polyurethane spiral hose (5 meters).
- Dedicated connection element (quick-connector plug or T-piece – depending on the model).



2. Assembly and installation

- **For models with quick coupler (PPM019, PPM033, PPM034, PPM036, PPM047, PPM070):**
 1. Locate the air socket in your vehicle (usually under the driver's seat, passenger seat or in the side storage compartments).
 2. Clean the socket of any dirt.
 3. Press the cable end (plug) into the socket until you hear a distinct click, indicating that the mechanism is locked.
- **For the model with T-piece (PPM009):**
 1. Make sure there is no pressure in the vehicle's pneumatic system (0 bar).
 2. Locate the air supply line (Tekalan Ø 6 mm), e.g. the one supplying air to the seat.
 3. Cut the wire perpendicularly in a safe place.
 4. Push both cut ends into the opposite arms of the T-piece (push-in system).
 5. Connect the gun hose to the third, free outlet of the tee.



3. How to use

- **Step 1:** Start the vehicle engine or compressor to pressurize the system (minimum 6 bar recommended).
- **Step 2:** Point the gun nozzle directly at the surface to be cleaned.
- **Step 3:** Press the gun trigger smoothly, thus regulating the strength of the air flow.
- **Step 4:** When you have finished cleaning, disconnect the plug from the socket or safely roll up the spiral hose.

SAFETY INSTRUCTIONS (OHS)

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Application: Operation with compressed air with a working pressure of up to 13 bar

When working with high-pressure pneumatic systems, it is essential to strictly adhere to the following safety rules to avoid serious personal injury or property damage.

1. Personal protection of the operator

- **Wear safety glasses:** The powerful airflow carries away dust, filings, and sharp metal and wood chips at high speed. These can cause permanent eye damage.
- **Wear a dust mask:** When blowing out very dusty machines, filters or cabin corners, protect your respiratory tract.

2. Prohibitions and restrictions during work

- **Never aim at people or animals:** Under no circumstances should you point the gun nozzle at other people or yourself.
- **Risk of loss of health and life:** Introducing compressed air under the skin, into the eyes, ears or other body orifices can cause embolism, ruptured eardrums or death.
- **Do not use to clean clothes:** It is prohibited to blow air into clothes worn directly on the body.

3. Technical safety and assembly

- **Checking the condition of the cables:** Inspect the coiled hose before each use. If it is frayed, cracked, or kinked, do not use it. A damaged hose under pressure can burst violently and strike the operator.
- **Pressureless installation:** All installation work (especially the installation of the T-piece in the PPM009 model) should only be carried out with the vehicle's pneumatic system completely empty (0 bar).

4. Storage and transportation

- **Security while driving:** When you have finished working, disconnect the gun or store it in a safe place (e.g. in the glove compartment).
- **Road accident risk:** A gun or hose lying loose in the cab may fall under the brake pedal, preventing the vehicle from stopping, or block the machine's moving controls.