

Operating manual for the Bymat 924 RS

Cleaning with the Bymat 924 RS

To remove oxide layers on welded high-grade steel components, use a strip of the accompanying cleaning/polishing felt. Fasten the strip by means of the O-ring to the hand stamp.

Caution: To prevent short-circuits, the cleaning/polishing felt must be replaced in due course during extended periods of use.

Connect the stamp to the black socket of the BYMAT 924 RS via the accompanying black cable. Connect the red cable to the work unit. Pour a quantity of the appropriate electrolyte (Electrolyte A for light oxide layers) into the accompanying wide-neck vessel and immerse the stamp into it. Rub the oxide layer with the stamp until the layer has disappeared. The selector switch must be set to 1 (cleaning) during this process.

Caution: When using chemicals, it is always advisable to wear safety goggles, safety apron, and safety gloves.

During extended use, the stamp might overheat. In this case, cool it in a water bath or mount a second stamp. If the device overheats, it is deactivated by a thermal overload protection mechanism.

Caution: Always change the felt and clean the anode when changing from cleaning to marking, failure to do so could result in blackening of the component.

Polishing high-grade steel with the Bymat 924 RS

To polish VA-steel, use a strip of the accompanying polishing felt. Fasten the strip by means of the O-ring to the hand stamp.

Caution: To prevent short-circuits, the cleaning/polishing felt must be replaced in due course during extended periods of use.

Connect the stamp to the black socket of the BYMAT 924 RS via the accompanying black cable. Connect the red cable to the work unit. Pour a quantity of the accompanying Electrolyte C into the accompanying wide-neck vessel and immerse the stamp into it. Rub the spot requiring cleaning a few times with the stamp. The selector switch must be set to 2 (polishing) during this process.

Caution: When using chemicals, it is always advisable to wear safety goggles, safety apron, and safety gloves.

During extended use, the stamp might overheat. In this case, cool it in a water bath or mount a second stamp. If the device overheats, it is deactivated by a thermal overload protection mechanism. Wait for a few seconds and then press the thermal fuse on the front panel in again.

Caution: Low-alloy steel, residual cooling liquid, drilling oil and similar substances can result in chemical reactions. Do not use the device in wet-rooms; protect it from moisture and water splashes.