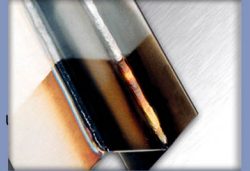


# CLEANING - ELECTROPOLISHING - LIGHT AND DARK MARKING - ELECTROPLATING

**ALL IN ONE UNIT**

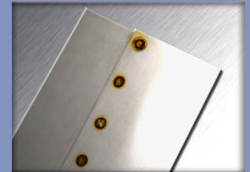
**The cleaning of welded seams on stainless steel components**

The oxide film is easily removed and the undesirable tarnish disappears, there are no unsightly edge marks – and this alone has always required a further work step. The surface is simultaneously protected from corrosion (passivated). In comparison with cleaning and pickling with acids this process is significantly cheaper. The chemicals contain no hazardous substances and are not subject to the duty of marking.



**Electropolishing**

The grey edge marks (heat-affected zones) close to the welded seam caused by the material changes during welding can be removed without any problem. It is possible to polish stainless steel to a high gloss thus creating a uniform surface even in the case of a 3D-reflective material.



**Dark marking of electrically-conductive surfaces**

Marks even cylindrical components deep black, easily, rapidly and cheaply. Because of the short reaction time of an electrolyte in connection with a template made according to your own requirements, graphics, trade marks, type plates, device numbers, identification numbers, scales, texts and logos can be permanently marked. Our high-performance electrolyte is neutral (ph 7) and requires no neutralization.



**Light marking of electrically-conductive surfaces**

By means of material removal in connection with a template made according to your own requirements, we achieve a light marking effect similar to engraving. This is suitable for black steels and aluminium for example.



**Electroplating / metal plating**

With this process it is possible to precipitate electrolytically every material which can be liquified. For example zinc-plating as corrosion protection. Furthermore the welded seams can be aftertreated on zinc-plated components. Possible metal coatings: Tin, zinc, gold, silver, nickel, chrome, cadmium, cobalt, copper, brass.



**BYMAT 1024 RS**



TECHNICAL DATA:  
VOLTAGE:  
PRIMARY: 230 VOLT, 50 - 60 Hz  
SECONDARY: 0 - 24 VOLT 0 - 16 AMPERE, 50 Hz  
DIMENSIONS:  
WIDTH x HEIGHT x DEPTH:  
143 x 300 x \*380 MM  
(\*CONNECTOR CABLE NOT INCLUDED)

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