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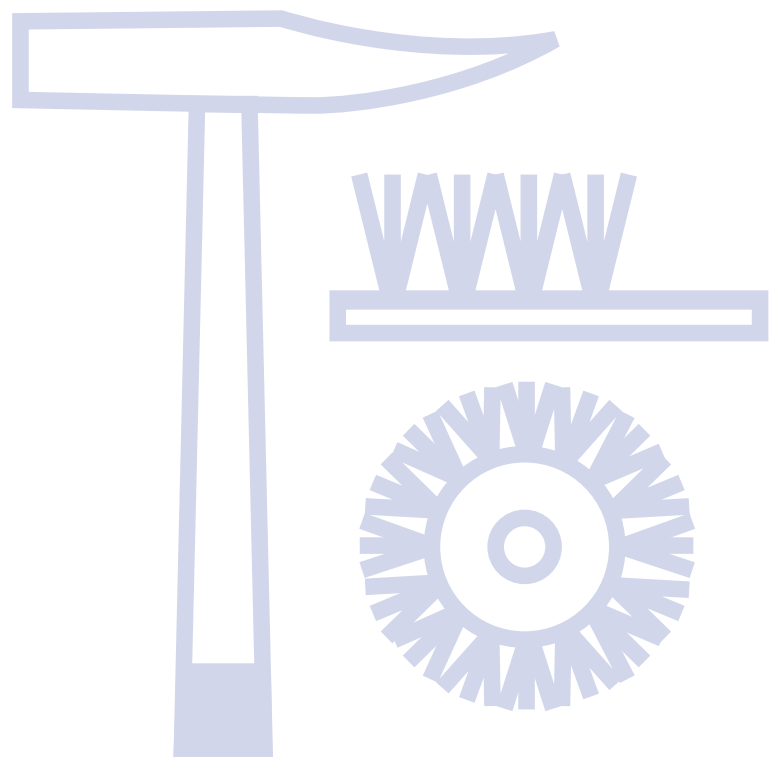
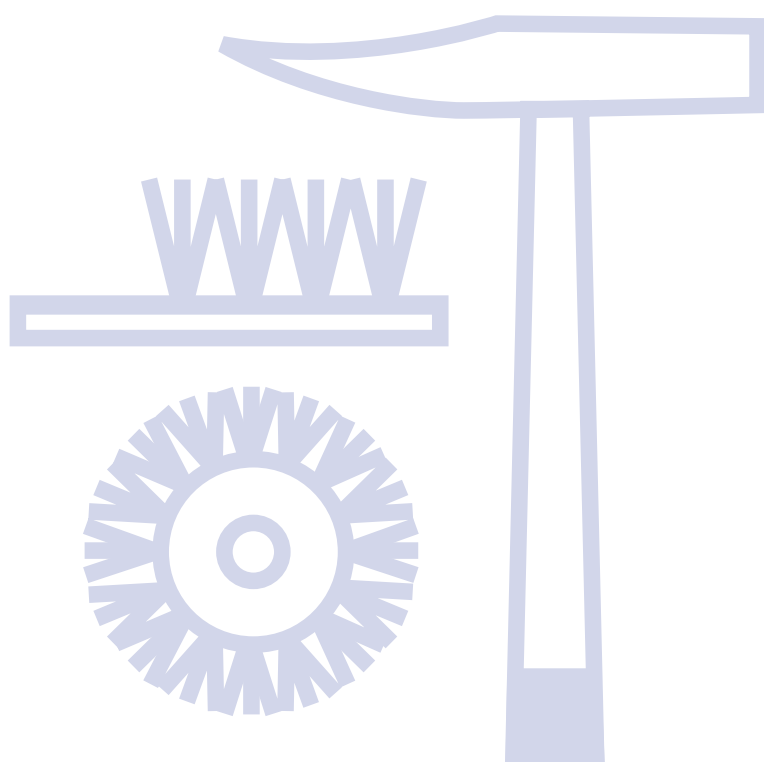


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Bymat weld cleaning / polishing / marking machines



Cleaning

The Bymat will easily remove the oxide film from the weld quickly, cleanly and safely. Simply dip the pad or brush into the Electrolytic cleaning solution and wipe across the weld. The oxide film instantly disappears and the welded area is simultaneously protected against corrosion (passivated) in one operation. In comparison with cleaning and pickling with acids, this process is significantly faster and less expensive due to zero waiting time. The chemicals used for the process contains no hazardous substances and so is significantly safer than conventional chemical cleaning methods.

Electropolishing

The grey edge marks (heat-affected zones) close to the welded seams are caused by the material changes during the welding process. These can be removed without any problem using the "Polish" setting on the machine. It is possible to polish stainless steel to a high gloss finish thus returning the original lustre of the material.

Dark marking of electrically - conductive surfaces

Dark marking onto Stainless Steel can be performed using a template/stencil designed to your specific requirements. The Bymat will permanently mark components deep black, easily, rapidly and inexpensively. Once marked the text or design cannot be removed by cleaning products or solvents and will not wear off. Company logos, graphics, trademarks, serial numbers, identification numbers, scales, and texts can be permanently marked. Our high-performance electrolyte is PH neutral and requires no neutralization.

Light marking of electrically - conductive surfaces

Light marking uses the same template/stencil as for dark marking. Using a different Electrolyte we achieve a light marking effect similar to engraving. Material is removed from the component leaving your design/text permanently etched into the surface. This is suitable for materials such as black steels and aluminium for example.

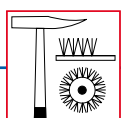
Electroplating / metal plating

With this process it is possible to electroplate small areas of a component using any material which can be liquefied. For examples zinc-plating as corrosion protection after welding. Possible metal coatings: Tin, Zinc, Gold, Silver, Nickel, Chrome, Cadmium, Cobalt, Copper, Brass.

Key Features of Bymat cleaners/embossers

- Several functions in 1 compact unit (functions vary with the machine type)
- Cleaning
- Polishing
- Dark Marking
- Light Marking/Etching
- Electro-plating
- Complete with a comprehensive accessory kit
- 110 Volt or 230 Volt machines available
- Ergonomic user friendly design
- Environmentally friendly cleaning solutions/electrolytes
- Robust Stainless Steel construction
- Portable
- Use with cleaning pad or brush system
- Faster and less expensive than conventional cleaning methods
- The most versatile cleaning machine on the market
- Proven track record within the welding industry

<http://www.vlamboog.nl/en/producten/baseline/>



Chipping hammers



Chipping hammers in several types.

Type HZ (1)

With ash wooden handle.

Type LS 54 (2)

Made of solid steel, colour black with red plastic grip.

Hammers made of steel 54.

Type LS 90 (3)

Made of steel, blue plastic grip.

Product nr	Description	Draw nr	Weight	Packing
21.40.20040	Type HZ.	1	520 gram.	1/10
21.40.20070	Type LS 54.	2	425 gram.	1/10
21.40.20080	Type LS 90.	3	385 gram.	1/10

Chipping hammers made of steel



Chipping hammer type LS (1)

With oval green steel. Hammer made of steel 54.

Chipping hammer type L (2)

Handle made of steel, colour green with black plastic grip.

Hammer made of steel 48.

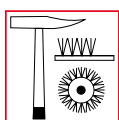
Product nr	Description	Draw nr	Weight	Packing
21.40.20060	Type LS.	1	390 gram.	1/10
21.40.20050	Type L.	2	385 gram.	1/10

Chipping hammers made of stainless steel



Chipping hammer of stainless steel for the removal of welding spatters on stainless steel materials. Burnished design.

Product nr	Description	Weight	Packing
21.40.20020	Type CHSS-L.	372 gram	1/10



Non-coated chipping hammers tungsten steel



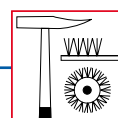
Tungsten stainless steel, non-coated chipping hammer with an hardened head. The special hardening process results in an optimal combination of hardness, sharpness and toughness.

Chipping hammers must remain hard and sharp for a long time. In the rough workplace the thin cutting edges soon become soft and useless. Tungsten steel is much less sensitive to this, is more durable, remains sharper and is more satisfactory.

Product nr	Description	Draw nr	Weight	Packing
21.40.30114	Type 14.	1	540 gram	1/25
21.40.30118	Type 15A stainless steel.	2	360 gram.	1/25



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Steel brushes

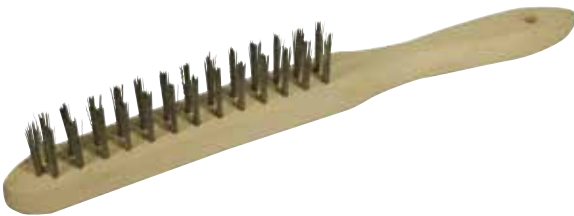
Steelwire 0.35 mm; length 290 mm; 2, 3, 4 or 5 rows.



Product nr	Description	Packing
21.41.20102	2-rows.	12/120
21.41.20103	3-rows.	12/120
21.41.20104	4-rows.	12/120
21.41.20105	5-rows.	12/120

Steel brushes for stainless steel

Stainless steel curved wire 0.30 mm diameter; length 290 mm; 2, 3 or 4 rows.



Product nr	Description	Packing
21.41.20202	2-rows.	12/120
21.41.20203	3-rows.	12/120
21.41.20204	4-rows.	12/120

Steel brushes U-butt joint

Stainless steel wire 0.35 mm; length 290 mm; rows 3 x 15.



Product nr	Description	Packing
21.41.20402	3-rows.	12

