

Industrial marking machines BERMA dot peen and laser

SUPREME-XL

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The multi-axis laser marking machine SUPREME-XL is the biggest Berma's standard marking machine and is designed to identify several small workpieces on a pallet or to identify big workpieces that need to be marked in more than one spot.

It is equipped with **fiber 1060 - 1080 nm laser sources** from 20W to 100W power with Q-switched or MOPA technology, allowing the most suitable configuration for different needs. It is suitable to work on every kind of metals and a lot of types of plastic.

With this device is possible to create linear and circular alphanumeric texts, logos, barcodes and 2D codes (Data Matrix and QR code).





The controlled movement of the laser scanning head along the X and Y axis allows to obtain a **large working area** (up to 1044 x 424 mm) that it is extended almost the entire width of the worktop.

The M8 drilling with a constant pitch on the working surface allow to carry out tool changes in an **extremely fast and precise** way for all BERMA laser marking machine.

In the standard equipment of this marking machine there are: **motorized Z axis**, illuminated worktop and the fume evacuation set-up.

In the model SUPREME-XL is possible to install the **rotary axis device (W)** to carry out markings on cylindrical components up to 250 mm diameter or the automatic feeder of plates

The optical unit of this device has high performance and low consumption that guarantee high density of energy that allow to have a **permanent marking in a short time**.

The positioning of the markings is facilitated by the integrated red-pointer.

Feature and advantage:

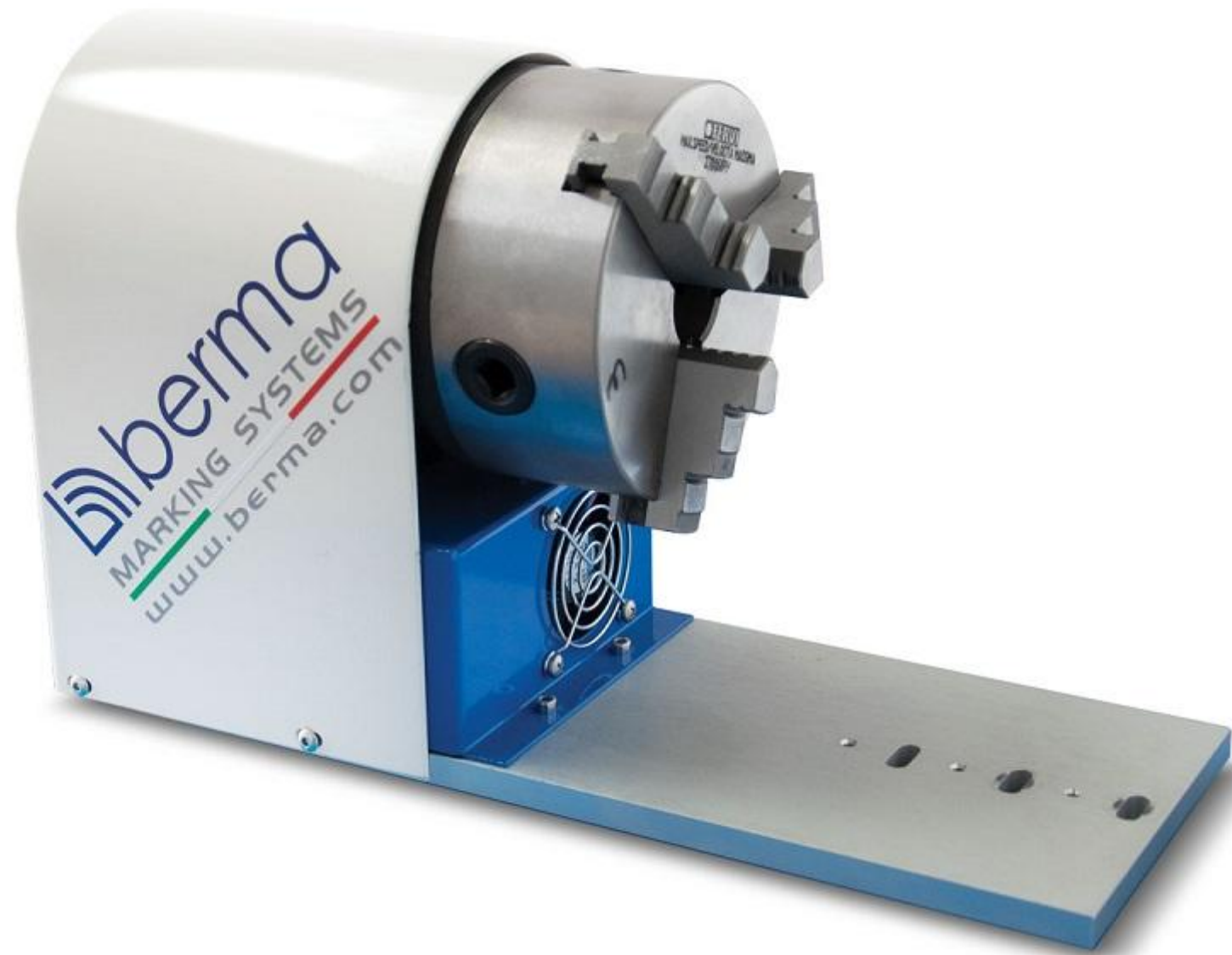
- **Marking Area**
 - 982 x 362 mm (lens F163)
 - 1044 x 424 mm (lens F254)
- **Illuminated worktop**
- **Hardware integrated inside the device**
- **USB, RS-232, TCP/IP (optional) connections**
- **Stand alone system**
- **Possibility of remote assistance**
- **Easy to use and program**
- **Import of BMP, DXF, DWG, SVG, PLT**
- **Laser safety Class 1 Cabin**
- **Integrated red-pointer**
- **Reduced maintenance**
- **Long Laser lifetime**

Would you like to learn more?

Contact us

“BERMA's staff help you to find the best solution, standard or customized, for your needs of identification and marking”.





Rotary axis (W).





Vacuum cleaner systems





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Plates feeder (F)





netTAP 50 Profinet gateway

Partners





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// Via San Vitale, 33 // 40054 Budrio (BO) Italy
// VAT Code : IT00834321200 // tel. +39 051 802437

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