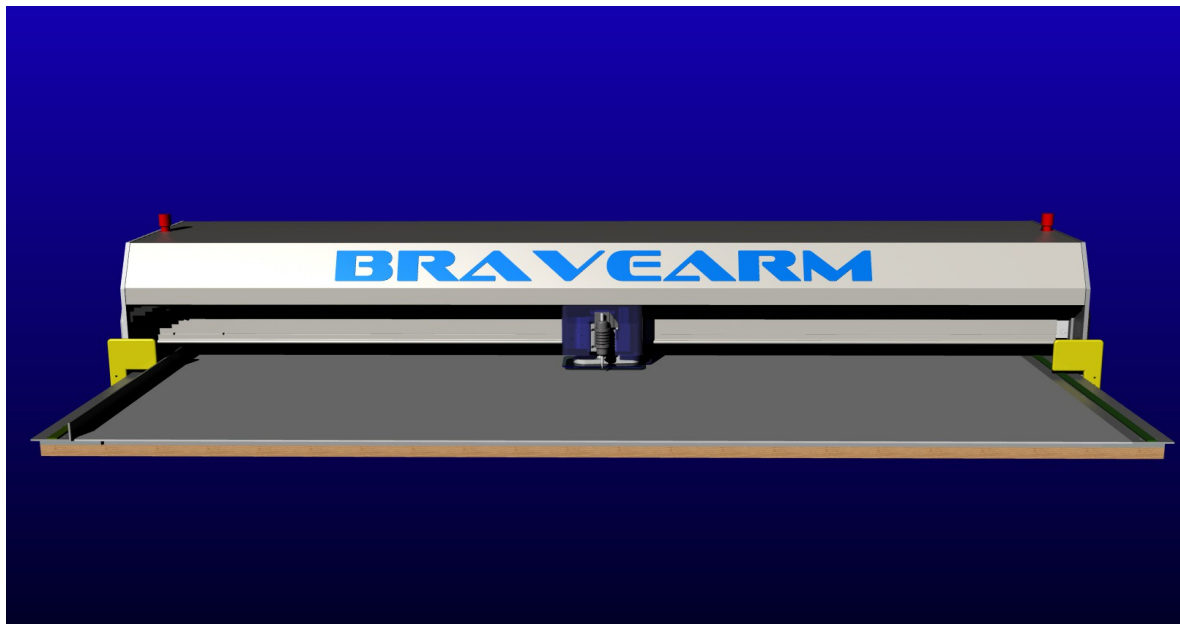


# **BRAVEARM MMX-LASER**

## **AUTOMATIC PLOTTER-CUTTER**

### **CO2 LASER 100W**



The **Bravearm MMX-LASER** is the 2020 development of the laser cutting system designed for sailmakers and nautical coverings manufacturers.

The Bravearm products are built with original design without any compromise on strength, accuracy and reliability, and it is possible to customize the product to meet the customer's needs and special requests.

This Italian product features Italian design, Italian technologies, Italian software and world's best components, to offer the best of European quality and service.

The Bravearm works with drawings produced by all the best Sail Design software like BSG, Smar Azure, Prosail dxf, PatternSmith (Gerber / DXF AAMA / NTV formats) and standard DXF format produced by any CAD, for the best portability and conversion.

The training time for the operator is very short due to the simple graphical interface and to the software language that can be translated into the purchaser language.

The system includes the vacuum table with centrifugal fan to hold down the fabric during the cutting operations, and the aluminium surface where fabrics are spread out. The vacuum table has modular yet rigid construction, with anodized aluminium technical profiles for the supporting structure.

Look at the videos of the Bravearm plotter-cutter working searching for "**BRAVEARM**" on **Youtube**, or clicking in our web-site [www.bravearm.com](http://www.bravearm.com)

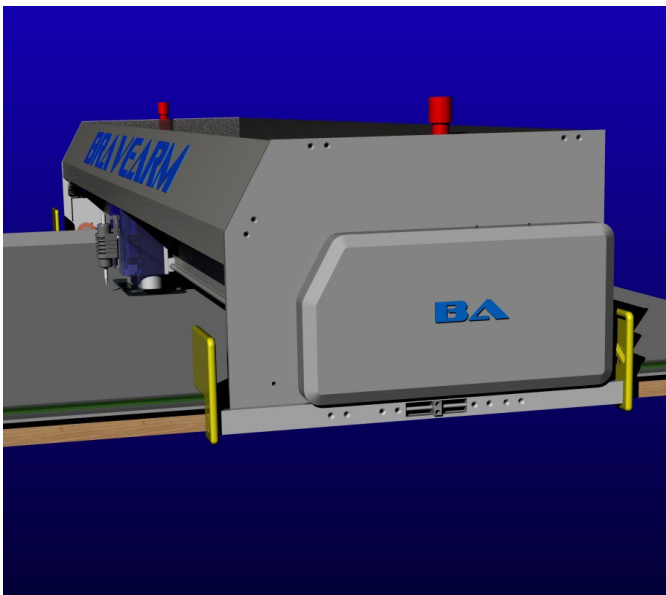
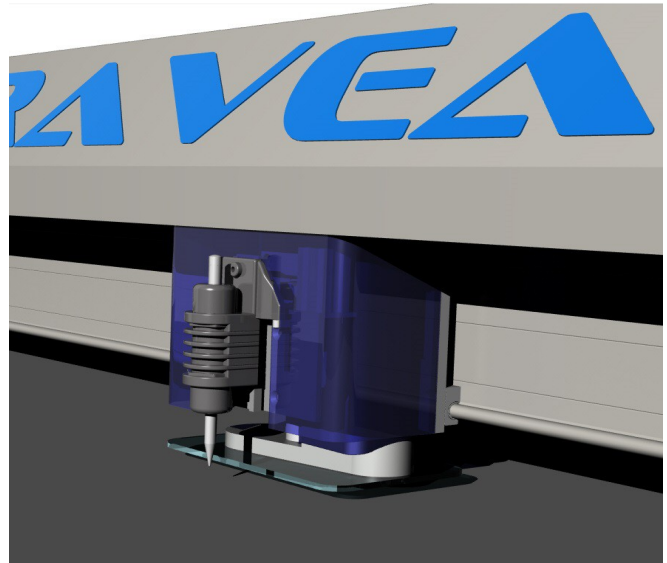
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# **BRAVEARM MMX LASER CUTTER**

## **General features**

- CO2 laser tube 100W (standard)
- Long life laser tube (8000 hours)
- Maximum speed 1000 mm/s
- Position accuracy less than 0,15 mm
- High torque "hybrid" step motors
- Light weight - High acceleration
- Custom working dimensions
- Cutting width up to 2,0 meters
- Universal pen holder
- Water chiller included
- Fume extraction system available
- Vacuum table
- Air filtering for laser air assist (nozzle blow)



- All cables in energy chains hassle free
- Technical aluminum table structure
- Graphical interface with local language
- All Sailmaker drawings format supported BGS, Smar Azure, NTV, DXFAAMA.
- Standard DXF for CAD drawings
- Easy manual nesting with mouse & keyboard
- Panel sequencing feature
- Low maintenance costs
- Low cost of ownership
- CE marking
- Competitive prices

## **Technical features**

- ▶ Hybrid step motors high efficiency
- ▶ Step motor drivers with microstepping
- ▶ Head guide with technopolymer linear bearings
- ▶ Pen holder accepting different pen sizes
- ▶ Vacuum table and working area made upon customer's dimensions
- ▶ Technical features subject to changes without notice.

## **Facility required**

- ▶ Electrical cabinet 1400W @ 220VAC  
Dimensions 40x20x65h cm
- ▶ Vacuum fan 3,0 – 5,5 Kw @ 380VAC
- ▶ Compressed air 8 bar < l/min

For any further information or quotation please contact

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