

# Laser marker AUTOMATOR IDEO FYBRA II 21W



<b>State</b>	<b>NEW</b>
<b>Category</b>	LASER
<b>Brand</b>	AUTOMATOR
<b>Model</b>	IDEO FYBRAII 21W
<b>Serial number</b>	-
<b>Year of manufacture</b>	-
<b>Inventory number</b>	AUT-1022

## CHARACTERISTICS

**FYBRA II** is the second generation (Generation II) of Automator's best-selling active fiber laser for industrial marking. FYBRAII generates a high-power laser beam from source to head via a flexible fiber cable. The innovative main unit and head are designed and optimized to operate in an intensive working environment, where vibrations, disturbances and dust are very common. FYBRAII is an extremely comfortable modular system: the main housing contains the source and the electronic board in two separate areas. The galvanometers and lenses are housed in the head unit.

Deep markings on metals.  
Up to 32 external axes available.  
Designed for harsh industrial environments.

Laser fiber allows a considerable increase in power, without compromising laser spot size. This guarantees better marking results at higher power levels and greater system efficiency.

Laser type: NB:Yb 1064 nm  
Power: 21-31-52W  
Safety class: 4

Dimensions: 465 x 497 x 142 mm  
Weight: 23.5 kg - 51.8 kg

## COMPOSITION AND ACCESSORIES

**IDEO** - Enclosure : Laser marking system with manual or automatic opening front door and large loading area, with standard X and Z software driven axis. Designed for medium productions, IDEO is a complete, stand-alone, flexible and easy-to-use marking system, that can perfectly fit both simple or complex production line applications. The workstation is fully a Safety Class 1 device. The added benefit of wide viewing windows allows the operator to fully observe the laser marking activity. Added to this the system can be outfitted with the new Automator SWYMTM vision system for checking the marking activity directly via the PC screen. The standard X, Y and Z axis are software-driven and programmable, it can set up to control up to 32 external axis.

IDEO accepts all the Automator marking laser sources.

Dimensions: 830x890x1350 mm  
Weight: 180 Kg

Materials :  
Metal, Marking on wood, Marking on ceramics, Marking and engraving on leather, Marking on silver, gold, palladium and precious stones, Marking and laser engraving on plastic, Silicone, Painted materials, Organic materials, Marking on anodized aluminum

