

# Laserator™ FREECUBE Desktop Laser Marking Machine



Discover  
the potential



Made in Turkey



ISO9001:2015

# FREECUBE

[www.laserator.com](http://www.laserator.com)

*Laser Machine Design Team*

## LASERATOR ON-THE-DESK FIBER LASER MARKING MACHINE DESIGNED ACCORDING TO THE CLASS-IV LASER SAFETY STANDARDS

- ONE OF 5, 10, 20, 30, 50, 100W *smt-series* LASERATOR OEM Q-SWITCHED FIBER LASER ENGINES
- COMPACT FRIENDLY STRUCTURE DESIGNED FOR MARKING ON THE DESKTOP
- SAFETY EYEWEAR FILTERING 1064 nm WAVELENGTH
- CAPABILITY OF MARKING THE WORK PIECES UPTO 40 CMS IN HEIGHT WHEN A 163MM F\_THETA LENS IS INTEGRATED INTO THE MARKING MACHINE
- A STAINLESS STEEL MONITOR LIFT W/ A MONITOR & INDUSTRIAL COMPUTER
- A PROGRAMMABLE Z AXIS FOR DIFFERENT WORK PIECES AT VARIOUS HEIGHTS
- OPTIONAL EMISSION & FILTRATION SYSTEM
- OPTIONAL GOLDSMITH AND INDUSTRIAL ROTARY AXES, VISES, X AXIS, Y AXIS, XY TABLE, CONVEYOR BAND, AUTO FOCUSING Z AXIS, 3D SCANNER, C AXIS, CAMERA POSITIONING SYSTEM, DIFFERENT SIZE MARKING AREAS BY DIFFERENT LENSES



# MARK YOUR EASY-TO-CARRY WORK PIECES WITH EASE BY A LASERATOR FREECUBE ON-THE-DESK FIBER LASER MARKING MACHINE

Laserator FREECUBE desktop fiber laser marking machine is operated on the desk. It has a 65cm long Z axis on which a specifically designed scan head is moved up and down vertically based on the programs created. A FREECUBE is a CLASS-IV laser marking machine. Instead of a 2D scan head, a 3D fast scan head designed by our engineers can be integrated into a FREECUBE. A Laserator FREECUBE machine is powered up with our "*smt-series* Laserator 20, 30, 50, 70 & 100W OEM q-switched fiber laser engines". Keep in mind that higher the power, faster the marking process. This on-the-desk fiber laser has an industrial computer, resistant to harsh working environments. The standard remote control is also helpful. The length of the Z axis can be automatically adjusted for marking up to 40cm high work pieces. On the other hand, a FREECUBE can be equipped with a rotary axis and an X/Y axis depending on the needs of different sectors. In brief, this on-the-desk fiber laser marking system is used to mark easy-to-carry work pieces on the desk. When needed, a FREECUBE can be easily integrated into any automation line as well.

