

# Laserator™ PORTY-C Mobile Fiber Laser Marking Machine



Made in Turkey



ISO9001:2015



Discover  
the potential

# PORTY - C

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

*Laser Machine Design Team*

## LASERATOR MOBILE 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 MOBILE STRUCTURE DESIGNED FOR MARKING ON THE FLOOR
- STANDARD C AXIS USED FOR MARKING ANGULAR SURFACES OF ANY WORK PIECES
- SAFETY EYEWEAR FILTERING 1064 nm WAVELENGTH
- CAPABILITY OF MARKING THE WORK PIECES UPTO 60 CMS IN HEIGHT WHEN A 163MM F-THETA LENS IS INTEGRATED INTO THE MARKING MACHINE
- EASE OF MARKING LONG AND HEAVY WORK PIECES ON THE WORK TABLE
- 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 INDUSTRIAL ROTARY AXES, VISES, X AXIS, Y AXIS, XY TABLE, CONVEYOR BAND, AUTO FOCUSING Z AXIS, 3D SCANNER, CAMERA
- POSITIONING SYSTEM, DIFFERENT-SIZED MARKING AREAS BY DIFFERENT LENSES

**SERMATEK**  
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## **MARK YOUR EASY-TO-CARRY WORK PIECES WITH EASE BY A LASERATOR CLASSY-OTF ON-THE-FLOOR FIBER LASER MARKING MACHINE**

Laserator PORTY-C mobile on-the-floor fiber laser marking machine is operated on the factory floors. It has an 80cm long Z axis on which a specifically designed scan head is moved up and down vertically and/or positioned at a certain angle between 0-90 degrees by the C- axis integrated based on the programs created. The PORTY-C is a CLASS-I fiber laser marking machine. Instead of a 2D scan head, the 3D scan head designed by our engineers can be integrated into the PORTY-C. This fiber laser marking machine is powered up with our "smt-series Laserator 20, 30, 50, 70 & 100W fiber laser engines". Keep in mind that higher the power, faster the marking process. This on-the-floor fiber laser has an industrial computer, resistant to harsh working environments. A standard remote control is also helpful when marking your work pieces, wearing our optional safety glasses. The length of the Z axis can be automatically adjusted for marking up to 40cm high work pieces. On the other hand, a PORTY-C can be equipped with a rotary axis and an X/Y axis depending on the needs of different sectors. In brief, this mobile, on-the-floor fiber laser marking system is used to mark heavy and long work pieces with the help of a scan head mounted on the C-axis positioned at any required angle between 0-90 degrees besides any other work station. For example, the PORTY-C is very suitable for marking 2D data matrix codes on any cam shafts and crank shafts. This model of the range can be turned into a wholly-closed Safety Class-I laser marking machine. This model in our range is suitable for any automation-line laser marking procedures in terms of our laserator hardware and software.

