



**Portlaser**<sup>®</sup>  
Industrial Laser

## FIBER MARK PRO 3



### Workstation Fiber Laser for Marking /Engraving of Metals and Plastics.

#### MAIN FEATURES:

- Ytterbium fiber laser of 20W to 70W power and MTBF above 100,000 hours
- Working areas of 110x110 mm, 175X175mm and 240X240mm
- Air cooling
- Electric Z axis
- Economic and compact system

#### APPLICATIONS



Automotive Industry Component



Keypad



Silver Cutting



Metal (cylindrical parts)



Cutlery

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

*All information and values listed are subject to change without notice.*

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LaserMarking LaserWelding LaserCutting



# FIBER MARK PRO 3

## TECHNICAL SPECIFICATIONS

|                          |                                       |
|--------------------------|---------------------------------------|
| Laser Power:             | 20W to 70W                            |
| Laser Type:              | Ytterbium fiber laser                 |
| Marking area (mm):       | up to 240X240mm                       |
| Wavelength:              | 1.064 nm                              |
| Maximum engraving speed: | >7000 mm/s.                           |
| MTBM:                    | +100.000 hours.                       |
| Preview:                 | Diodos laser 650 nm 2mW               |
| Standard Laser Safety:   | CLASSE 4 Laser system, CEI EN 60825-1 |
| Power Supply:            | 220-240V AC 50Hz.                     |
| Electric consumption:    | 0.4 to 0.6KW.                         |
| Cooling System:          | Air cooled.                           |

### INTERFACE

|              |   |
|--------------|---|
| Control:     | Cad software in Windows Environment.          |
| File Format: | PLT, DXF, BMP, PCX, TIFF, JPEG, GIF MCL, etc. |

| Lens (mm) | Focal Distance (mm) | Max height Piece (mm) |
|-----------|---------------------|-----------------------|
| 110X110   | 163                 | 365                   |
| 175X175   | 254                 | 256                   |
| 240X240   | 330                 | 180                   |

## OPTIONS



Fume Extraction System (With Filters)



Fume Extraction System (Without Filters)



Rotary Attachment

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