

# Fiber Laser Marking Machine

## Features of SmartMark<sup>®</sup> YF20 fiber laser

- Table mounted, fully programmable laser marking machine.
- 100 x 100 mm large marking field. (Optional 150X150 & 200X200mm)
- Universal mounting arrangement giving flexibility for manual Y & Z Axis.
- Compact ergonomic design for ease of use.
- Manual Z axis which makes focal length setting between part & laser head very precise thus ensuring excellent marking quality.
- Capability to precisely tune the power & frequency enables highly aggressive marking on metals.
- High quality of optics used in the scan head assists in producing quality mark.
- Advanced self-diagnostics capabilities, laser focus & positioning aids Marking possible on metals, Plastics, & ceramics etc.
- Extensive material settings library available.
- Unique Table design with trolley with easy view monitor attachment & place for PC & other peripherals.



Highly configurable

Easy to Use

Flexible Marking Area

Fully Programmable

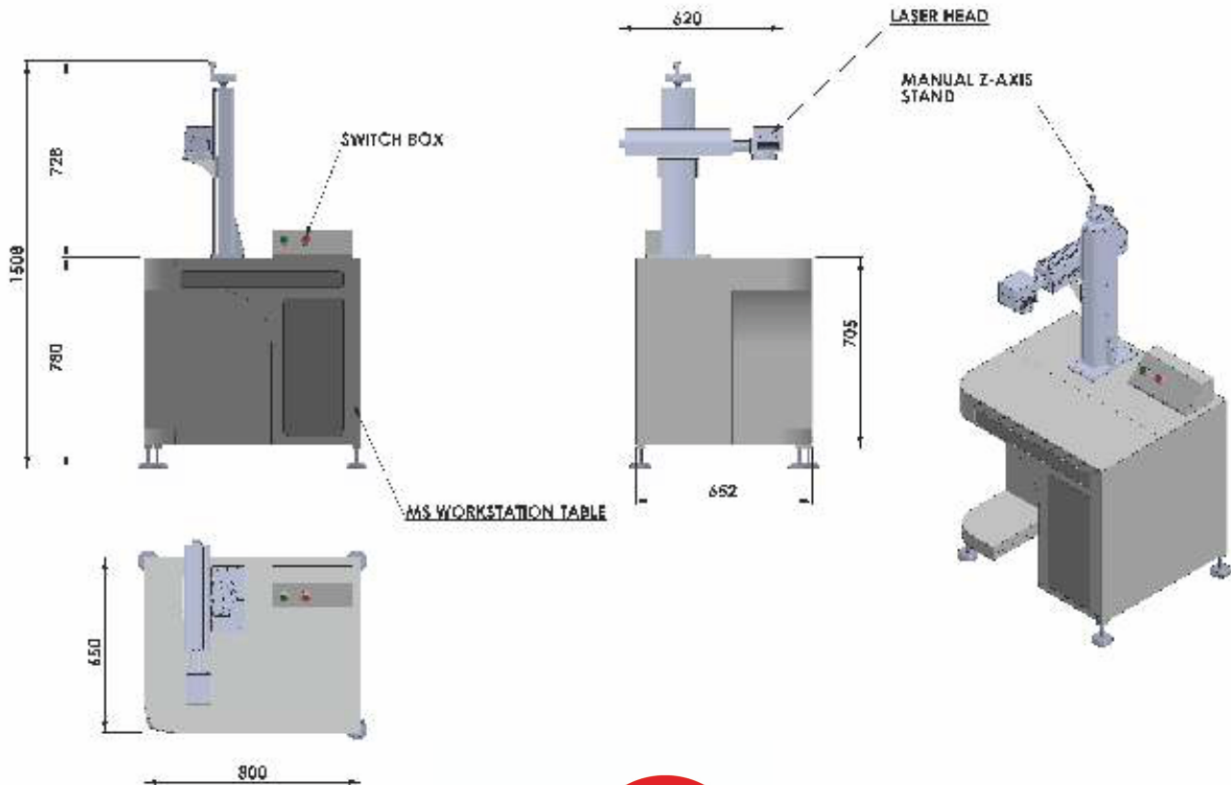
Compact Ergonomic Design

- Highly Flexible
- Easy to use out of the box
- Customised Solutions
- Stand-Alone or networked
- Wide Range of Options

## Technical Specifications Model SmartMark<sup>®</sup> YF20 (20W)

- Laser Type Ytterbium Fibre.
- Wavelength 1060-1070nm.
- Freq Range 20-50 KHz.
- Spot Diameter 25-80 um.
- Beam Quality M2<2.
- Most of the time no need for fixtures.
- Very small foot print.

# Laser Marked Samples



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



Smart Marking Solutions

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