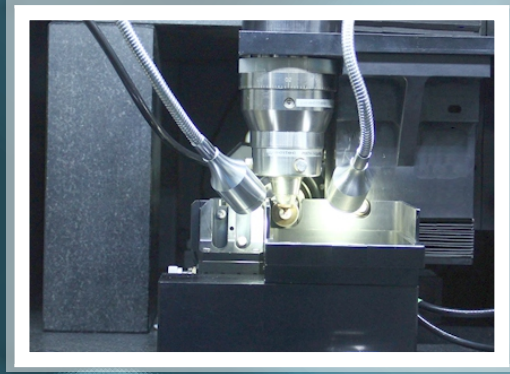# StentMaster

Precision cutting at its best

⊙ Key Features

- ➲ **Highly precise cutting achieved with harmonization of the fiber laser, accurate CNC platform and advanced motion controlled software.**

- ➲ **Minimum heat effected zone**

- ➲ **Automatic tube feeding mechanism**

- ➲ **Computer vision assisted tube centering facility.**

- ➲ **Full digital control of all cutting process parameters**

- ➲ **Velocity profiling helps to minimize geometry errors in tight profiles**

- ➲ **Suitable for dry as well as wet cutting process.**

- ➲ **Machine is constructed around solid granite base and highly rigid frame structure for stable results.**

- ➲ **One click cutting program generation from "Cagila" software**

⊙ Specifications

- ➲ **Laser: 100 Watt fiber**

- ➲ **Wavelength : 1090 ±5 nm**

- ➲ **Tube size : up to 7.9 mm (for dry cutting), up to 3.0 mm (for wet cutting)**

- ➲ **Axis travel: 100 mm**

- ➲ **Accuracy: ± 2 µm (± 0.5 µm available as option)**

- ➲ **Dimensions : 1200 (L) x 700 (W) x 1355 (H) (Laser cutting machine)**
  745 (L) x 700 (W) x 775 (H) (Control station)

- ➲ **Weight : 500 kgs. (Laser cutting machine), 125 kgs. (Control station)**

- ➲ **Power consumption: 1500 Watts**

- ➲ **Power supply: 230 VAC 50 Hz or**
  110 VAC 60Hz

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