

# finecut Y240HP

The quick and flexible solution for the highest quality LASER fine cutting

LASER fine cutting station, designed for the production of very precise round and flat parts such as stents, cardiac valves, medical tools etc etc.

The granite basement is integrated inside a welded steel frame, in order to guarantee the highest precision at very high working speed.

Up to 4 axis CNC driven by Aerotech A3200 motion controller, double frontal door for an easy access to the working area, special support for the pipes and a big frontal window (LASER certified) are the main characteristic of this machine.

The "state of the art" LASER sources can be integrated on this machine, permitting to the Customer to produce with a consolidated process or to develop new processes and parts using the newest LASER sources available on the market.

Cutting boxes dedicated to round and flat parts, equipped with a exhausting system.



## Technical data:

**Dimensions:** 1.800 x 1.400 x 2.400 mm

**Weight (incl. LASER):** 1.400 Kg

**Working area:** 750 x 300 mm [compact version: 500 x 250 mm]

**Working axis:** 3 / 4 full CNC

**Sheet holder thickness:** 0,05 - 1,5 mm [standard]

**Positioning accuracy:** better than  $\pm 15 \mu\text{m}$  [single axis]

**Positioning repeatability:** better than  $10 \mu\text{m}$  [single axis]

**Maximum speed:** 250 mm / sec [single axis]

**LASER safety:** CLASS 1 [EN60825-1]

**Process gases:** triple input, CNC programmable, for compressed air,  $\text{N}_2$ ,  $\text{O}_2$ , Ar (up to 20 bar)

Teleservice device for remote technical support and training.

