The VersaSTC™

CONFIGURED TO ORDER, DESIGNED TO PERFORM

Customized motion, laser, and beam delivery

The VersaSTC is a Class I laser system that takes tube and stent cutting to a new level. Completely configurable, the VersaSTC provides customized motion, laser and beam delivery designed to meet your specific requirements. And like all of our systems, the VersaSTC utilizes the industry’s leading control software–ILT’s HMI-2200.

The following standard system features are included in all VersaSTC systems.

- System footprint for two-axis system: 61” x 32” x 72” (with CDRH Class I enclosure)
- Welded, square steel tubing main frame with granite motion/optics, mounting structure secured via isolation mounts
- CDRH Class I (CDRH Class IV option)
- Electrical enclosure integral to system main frame
- Industrial PC and UPS Rack mounted in frame
- Ergotron mounted operator interface

About Innovative Laser Technologies

Innovative Laser Technologies designs and builds advanced laser systems for use in high-precision manufacturing. Globally recognized for our laser integrations as well as our commitment to our clients, ILT develops laser systems that perform high-precision welding, cutting, marketing, drilling, cladding, and material ablation.

ILT
iltinc.com
The VersaSTC™

**Motion Systems**

- Designed to accommodate a range of Aerotech motion packages from the LT1 up to the Vasculathe
- Standard Aerotech collet options
- Three- and four-axis option available

**Cutting Assist Gas**

- Two gas inputs with manual pressure setting, programmable on/off control
- Option for programmable pressure control
- Gas pressure of 300 psi max

**Beam Delivery**

- Laser Mechanisms Micro Machining Series
- Can be configured for fiber delivery or conventional (beam-out-of-box) laser and optics path on an upper deck

**Camera System**

- Live video camera system viewing through the focus lens and nozzle
- Coaxial lighting module

**Laser Options**

- Fiber lasers (most are rack mountable)
- Conventional output lasers (various brands of ultrafast lasers)

**Optional Tool Path Software**

- Cagila
- MasterCam

**Tooling**

- Gripper and fixed bushing assembly
- .010” through 1.00” tube size, depending on rotary stage-collet assembly selected

**Fluid System**

- Containment box with finished part drawer, connections for exhaust and make-up air
- Options for on-board or stand-alone wet cut system (wet cut option for up to 120 psi)

For more information about the VersaSTC, call 763.574.7374 or email info@iltinc.com