



Product Sheet

LaserEvo Gantry VD

Category: Fiber MOPA, Pico laser

LaserEvo Gantry Vertical Door – Safe large-format marking with maximum control

This is a powerful and flexible workstation for marking large surfaces or multiple objects in a single workflow. The pneumatic vertical door with safety sensors ensures safe operation, while three motorized axes and optional fiber laser technology are fully compatible with our 2D Platinum Line and 3D Diamond Line laser systems – both based on advanced MOPA fiber laser technology for maximum quality and control. This machine can also be equipped with PICO laser, Blue Line CO2 laser, UV laser and green laser.

LaserEvo Gantry is easily adapted to different production requirements and applications, making it a robust and safe solution for industrial marking on a larger scale.

- High safety
- Maximum precision
- Great marking flexibility

Product description

LaserEvo Gantry Vertical Door – Powerful and safe laser marking for large objects

LaserEvo Gantry Vertical Door is a high-performance and flexible workstation, developed to handle large marking areas and multiple objects in a single run. With a pneumatic vertical door and optical sensors, pinch risks are eliminated, ensuring efficient and safe operation. It can also easily be connected to a robot at a later stage for automatic loading and unloading.

It is equipped with three motorized axes, controlled directly via software, enabling fast and precise positioning. The workstation can be equipped with our 2D Platinum Line and 3D Diamond Line laser systems – both based on advanced MOPA fiber laser technology for maximum quality and control. It can also be equipped with PICO laser, Blue Line CO2 laser, UV laser and green laser, making it ideal for complex markings on large surfaces or several objects at the same time.

With a worktable from 800×500 x (Z) 350 mm up to 1000 x 500 x (Z) 350 mm, you can choose a worktable according to your needs. The robust mechanics and double linear guides guarantee stability and precision, even with heavy loads.

Description

- High safety: Pneumatic vertical door and optical sensors eliminate pinch risks.
- Maximum precision: Four motorized axes are controlled via software for precise positioning.
- Great marking flexibility: Mark several objects at the same time or large surfaces in a single run.
- Flexible laser configuration: Adaptable with all our 2D/3D MOPA fiber lasers as well as PICO laser, Blue Line CO2 laser, UV laser and green laser.
- Optional working area: From 800×500 x (Z) 300 mm up to 1000 x 500 x (Z) 300 mm.
- Robust and stable construction: Double linear guides enable handling of heavy loads.
- Can be supplemented with a 4th axis / chuck.