

Product Release

Rofin's MPS – The Multi-Purpose Laser Workstation

Rofin's new Modular Processing System (MPS) is a medium-sized, multi-purpose workstation for a very wide range of automated laser material processing applications. Designed as an all-in-one system, the MPS integrates laser sources, motion modules and control units within a single compact housing. This flexible and modular concept allows the system to be configured for welding, cutting, drilling and structuring applications.

Choice of Motion Systems and Laser Sources

Four different motion systems are available ranging from the basic module, with a single Z axis, up to a high-precision granite setup featuring a cross table with linear servo driven axes and ± 1 micron repeat accuracy. Each solution can be combined with either fixed optics or galvo scanners.

The MPS also allows integration of a wide choice of Rofin laser sources comprising of femto lasers, fiber lasers, pulsed solid state lasers and diode lasers. Laser control software is accessible via the integral 17" colour MPS touch screen.

The spacious working chamber, accessed via a large pneumatically operated door, offers enough room for large work-pieces and clamping units etc.

At the heart of this highly flexible system is a high performance CNC / PLC controller.



(Rofin's MPS – Offers a wide choice of motion systems and laser sources)

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