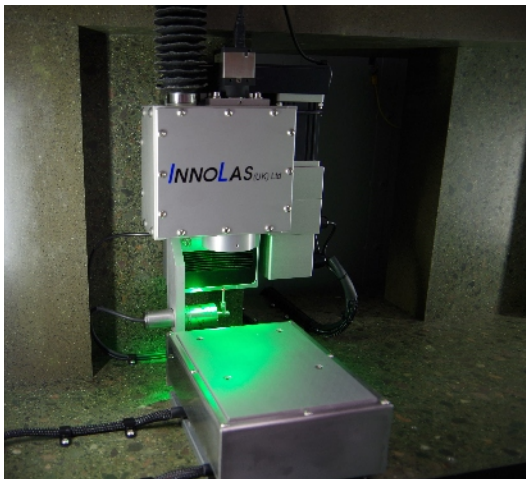
MMS
Micro Machining System

Flexible Laser Workstation

Developed to meet the needs of the growing micro-machining community, the InnoLas MMS is a true Turnkey workstation, with all components and subsystems integrated in a single cabinet.

Typical applications include drilling, cutting/contouring, etching and patterning a variety of metals, ceramics, diamond, silicon and polyamide.

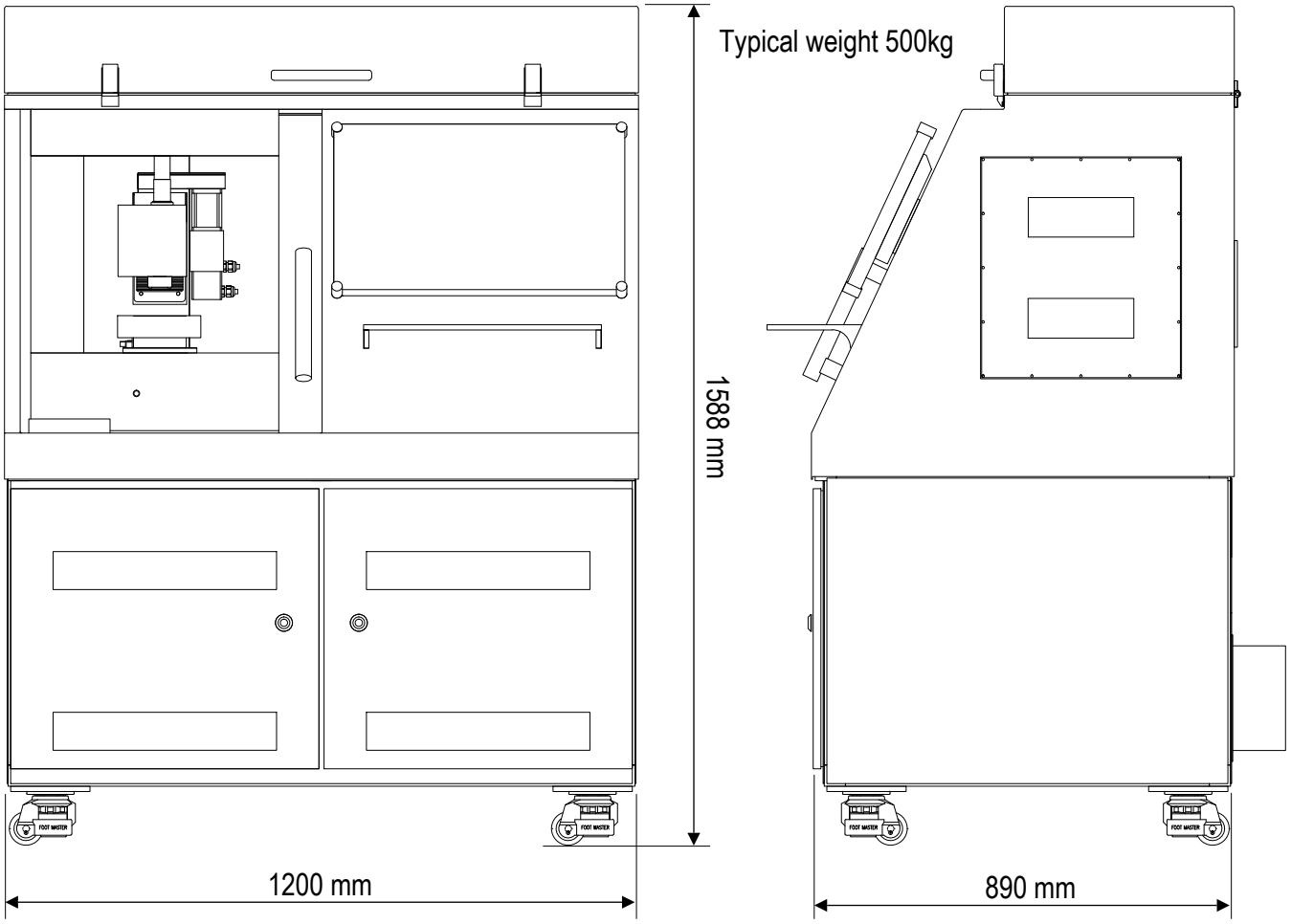
Field-proven InnoLas laser sources offer a range of wavelengths and powers to suit your processing needs. Integrated control software enables the laser, motion stages and ancillary systems to be controlled from a single interface.



Key Features

- Class 1 laser safety enclosure
- Turnkey laser workstation in a single cabinet
- Superb accuracy - repeatable to less than a micron
- Granite base provides excellent stability
- Integrated vision system
- Integrated control software
- Built in power meter option
- Built in fume extractor option
- Wide range of laser sources and motion stages

MMS series



Flexibility is built in to the MMS. We offer three different families of laser source: the Nanio™ series are DPSS lasers operating at pulse lengths typically from 30-50ns with pulse rates up to 300kHz,. The Mosquitoo™ is a more compact laser offering shorter pulselengths of 10-15ns at up to 200kHz, and the Picolo™ utilises a unique design to achieve pulselengths as short as 500ps, at up to 100kHz. All three laser sources can be configured for operation at 1064, 532 or 355nm, with the Picolo™ also available at 266nm. See our website for complete data sheets for these products.

The MMS uses a PC based motion control system and high accuracy linear stages to give sub-micron precision with up to 200mm of horizontal travel and 50mm vertical. A range of alternative stages are available.

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LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION
CLASS 4 LASER PRODUCT
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