LAMP PUMPED

SpitLight 600-30 Nd:YAG-Laser

Features

- Compact laser head and power supply with small footprint
- Robust and stable resonator structure
- Quick and easy change of flashlamps
- Maintenance-free pumping chamber with ceramic reflector
- Excellent beam quality and pointing stability
- Long flashlamp lifetime
- Double pulse option available
- System can be injection seeded (SLM-Option)
- Uniform super gaussian beam profile available

INNOLAS LASER

Model

Model	SL-S600-30HZ

Energy

Pulse Energy @ 1064 nm	> 650 mJ
Pulse Energy @ 532 nm	> 380 mJ
Pulse Energy @ 355 nm	> 120 mJ
Pulse Energy @ 266 nm	> 50 mJ
Pulse Energy @ 213 nm	> 9 mJ
Energy Stability @ 1064 nm (RMS)	< 1,0 %
Energy Stability @ 532 nm (RMS)	< 1,6 %
Energy Stability @ 355 nm (RMS)	< 2,7 %
Energy Stability @ 266 nm (RMS)	< 3,5 %

Beam Parameters

Pulse Width @ 1064 nm	6 - 10 ns
Pulse Width @ 532 nm	0,5 - 2 ns < PW @ 1064 nm
Pulse Width @ 355 nm	1 - 3 ns < PW @ 1064 nm
Pulse Width @ 266 nm	2 - 4 ns < PW @ 1064 nm
Divergence	< 0,5 mrad
Pointing Stability	< ± 70 µrad
Beam Diameter	~ 6 mm
Temporal Jitter	< ± 1 ns

Operating Parameters

Warranted Lamp Lifetime	> 40,000,000 shots
Electrical Supply	230 VAC; 50 Hz; 1,5 kW
Cooling Water	8 l/min; 2-6 bar; < 15°C

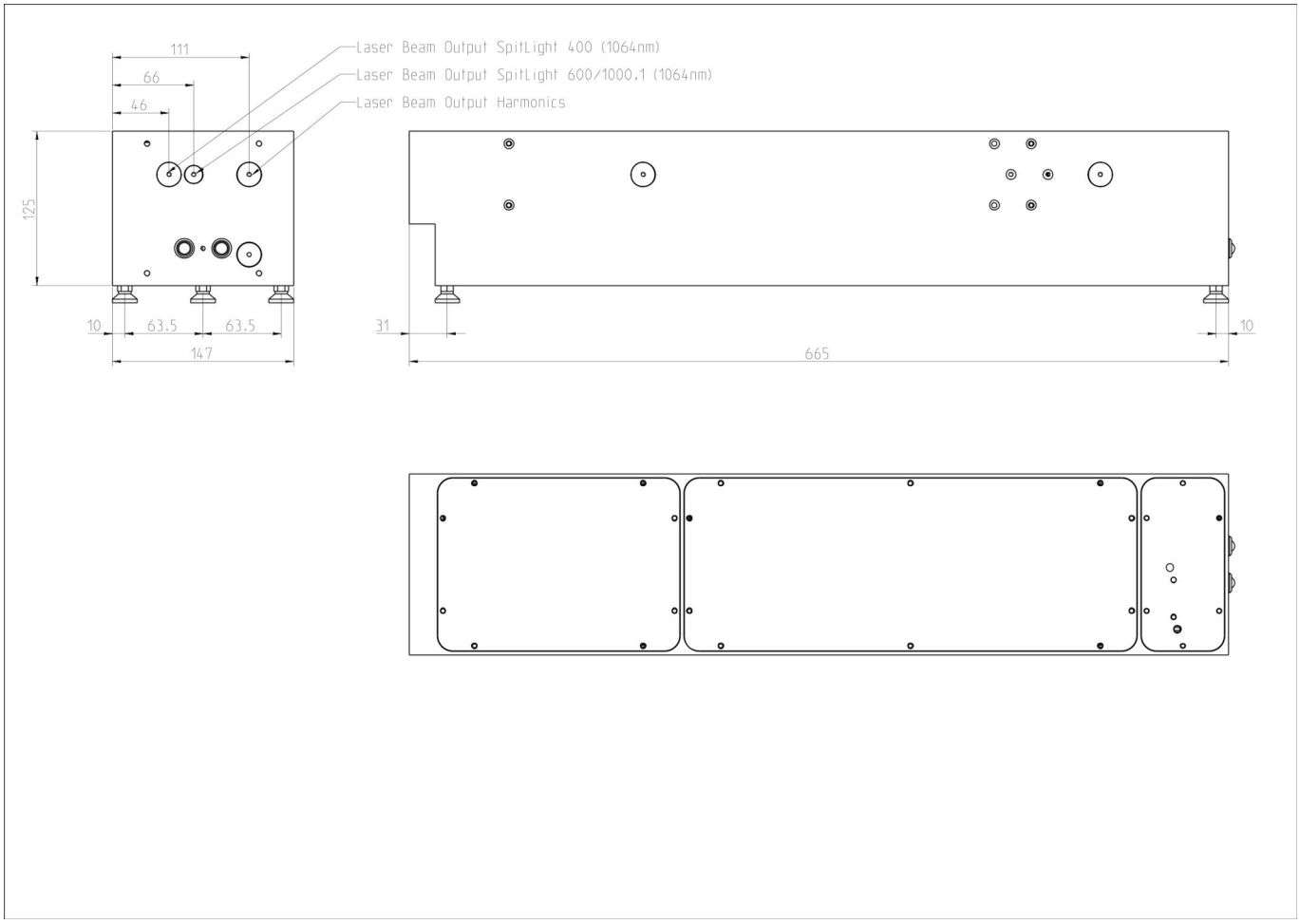
Weights

Laser Head	15 kg
Power Supply	50 kg

Dimensions

Laser Head (L x W x H)	813 x 147 x 125 mm
Power Supply (L x W x H)	560 x 400 x 425 mm

Drawing



InnoLas Laser GmbH | Justus-von-Liebig-Ring 8 | 82152 Krailling | Germany
Phone: +49 (89) 899 360 - 1400 | Fax: +49 (89) 899 360 - 1499
E-mail: info@innolas-laser.com | Homepage: www.innolas-laser.com

© InnoLas Laser GmbH 2026