

ILR800

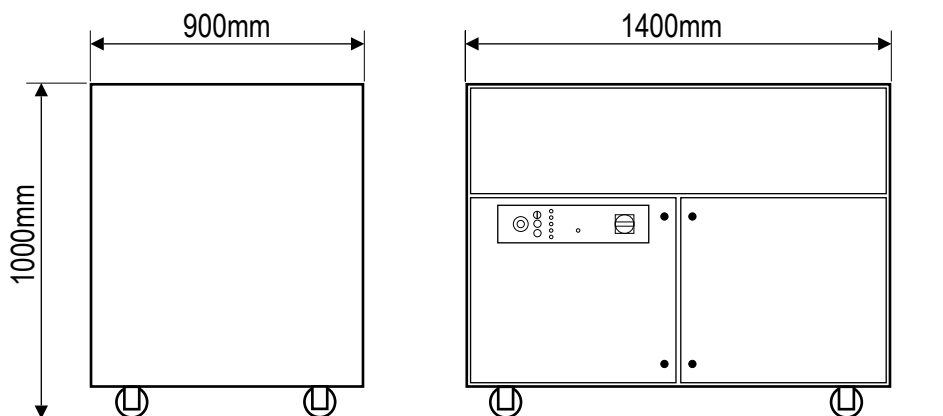
Industrial Lasers



Features

- Integrated power supply and laser head ensures a small footprint
- Optics mounted on a granite base for stability
- Fibre optic beam delivery
- Multiple fibre options
- High peak power for deep penetration
- Excellent beam quality means more efficient processing
- Pulse shaping option for complex welds
- PC controlled for ease of integration

ILR800 series



Model	ILR860	ILR845	ILR830
Wavelength	1064nm		
Max. mean power (W)	600	450	300
Max. peak power (kW)	10	10	5
Max. pulse energy (J)	100	80	40
Max. pulse rate (Hz)	500	500	500
Pulse width (ms)	0.2 - 20		
Beam quality (mm.mrad)	30	25	25
Fibre diameter (µm)	600		
Fibre lengths (m)	5, 10		
Dimensions (mm)	H 1000 x W 1400 x D 900		
Weight (kg)	450	420	
Cooling water flow (l/min)	20	16	
Cooling water specs	2-6 bar, <16°C		
Electrical supply	380-415 VAC 3 phases + Neutral		
Mains Frequency	50/60 Hz		
Max. power consumption (kW)	18	10	

INNOLAS (UK) Ltd

20 Butlers Leap | Rugby, Warwickshire | CV21 3RQ | United Kingdom
 telephone: +44 1788 550777 | Fax: +44 1788 550888
 email: sales@innolas.co.uk | www.innolas.co.uk
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INVISIBLE LASER RADIATION
 AVOID EYE OR SKIN EXPOSURE TO
 DIRECT OR SCATTERED RADIATION
 CLASS 4 LASER PRODUCT
 DIN EN 60825-1:2003-10