

# ILR600

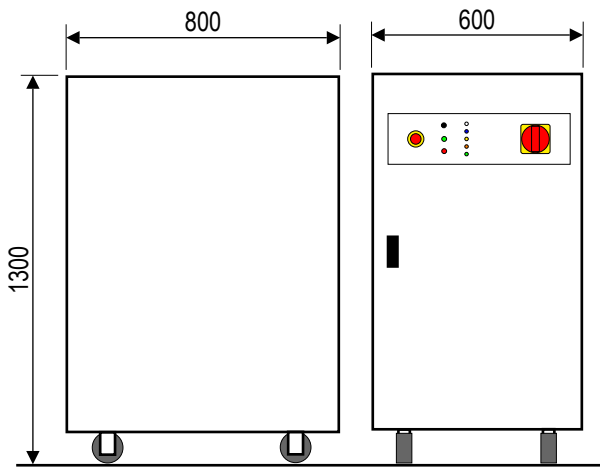
Industrial Lasers for Drilling & Welding



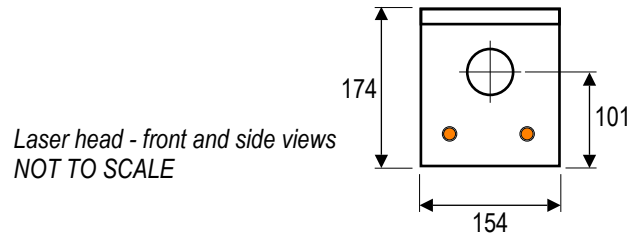
## Features

- Can be configured as a welder or cutter/driller
- Excellent beam quality means more efficient processing
- PC controlled for ease of integration
- Simple flashlamp replacement
- Range of beam delivery options available
- Made in the UK

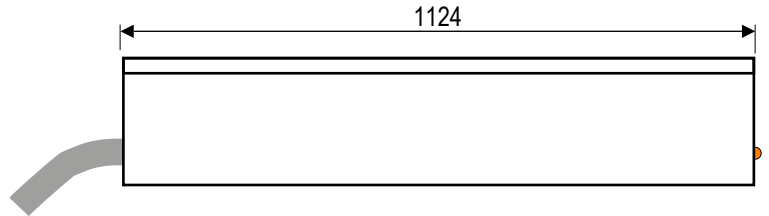
# ILR600 series



Power supply cabinet - side and front views



Laser head - front and side views  
NOT TO SCALE



Model	ILR662	ILR692
Wavelength	1064nm	
Max. mean power (W)*	175 / 350	275 / 500
Max. peak power (kW)	4	6
Max. pulse energy (J)	40	65
Beam quality (mm.mrad)*	7 / 50	10 / 70
Max. pulse rate (Hz)	500	
Pulse width (ms)	0.1 - 20	
Head Dimensions (mm)	L 1124 x W 154 x H 174	
Head Weight (kg)	28	
Power Supply Dimensions (mm)	H 1300 x W 600 x D 800	
Power Supply Weight (kg)	160	
Cooling water flow (l/min)	25	
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	

\* Alternate values shown for Cutting / Drilling or Welding configurations respectively

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