

We only show the best.

High-power Pulsed Fiber Lasers



Application

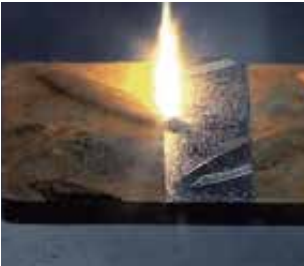
- Rust Removal

Mold Surface Treatment

Welding Surface Pre-treatment
- Oil Cleaning

Paint Stripping

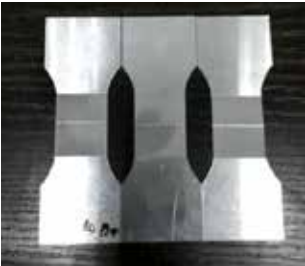
Portrait Stone Surface Treatment



Laser cleaning



Mold cleaning



Cleaning after welding



Wheelset cleaning

Introduction

High-power pulsed fiber lasers series is the latest product developed by Raycus. It has average output of (200-2000W), high single pulse energy, uniform square or circular spot energy distribution, easy to use and maintain. They are the ideal products for mold surface treatment, automobile manufacture, shipping industry, petrochemical industry and tire manufacture,etc.

Characteristic

- Uniform Control Interface
- Adjustable Frequency Range
- High Single Pulse Energy
- Excellent Light Beam Quality

Specifications

Model	RFL-P200	RFL-P300	RFL-P500	RFL-P1000	RFL-P2000
Optical Properties					
Output Power (W)	100@10kHz	250@20kHz	200@10kHz	400@10kHz	2000@20-50kHz
	200@20-50kHz	300@30-50kHz	500@20-50kHz	1000@20-50kHz	
Wavelength(nm)	1064±5				
Repetition Frequency (kHz)	10-50	20-50	10-50	10-50	20-50
Output Power Stability (%)	<5%				
Output Characteristics					
Polarization State	Random				
Pulse Width Range(ns)	90-130	120-160	90-160	90-160	120-160
Max.Single Pulse Energy(mJ)	10@20 kHz	12.5@20 kHz	25@20kHz	50@20kHz	100@20kHz
Output Fiber Inner Diameter (um)	100	100	200	400	400/600
Delivery Cable Length(m)	5 (Customizable)		10	15	20
Electrical Characteristics					
Power Supply (V AC)	220VAC 50/60Hz				Three phase 380 50/60Hz
Power Range(%)	10~100				10~100
Other Characteristics					
Dimensions (mm) width*height *depth	485×237×765		502×254×755	698×898×865	1018×836×850
Cooling	Water Cooling				
Operating Temperature (°C)	10-40				