

MFPT

20H/20S/30W

50H/70P

MOPA Pulsed Fiber Laser



Product Feature



New Generation Optical Path Design

New core technology of fiber gain control



High Output Power

Greatly improved single pulse energy



Compact and Rugged Design

Maintenance free Operation



Wide Application Even with Highly Reflective Material

High performance isolator effectively reduces reflection damage to the laser source
Smoothly marking on aluminum, copper and brass etc



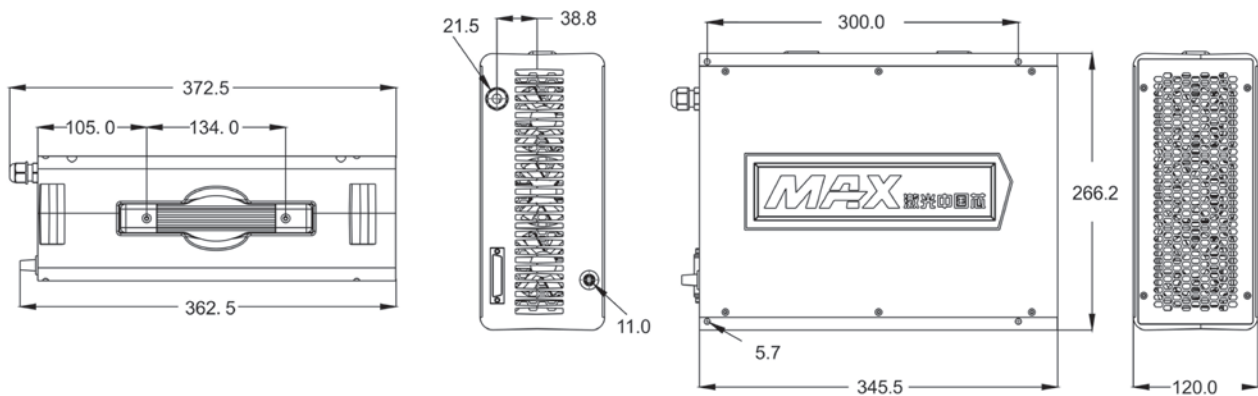
High Level Vertical Integration

All key components are designed and produced in house
Strict quality control, high consistency and reliability

MFPT 20H/20S/30W/50H/70P Fiber Laser Specifications

Models	MFPT-20H	MFPT-20S	MFPT-30W	MFPT-50H	MFPT-70P
OPTICAL SPECIFICATIONS					
Nominal Power	20W		30W	50W	70W
Mode of Operation	Pulsed				
Polarization	Random				
Power Tunability	10 to 100%				
Wavelength	1064 nm				
Power Stability	≤ 5 %				
Laser Beam Quality	1.2~1.45		1.2~1.6	1.4~1.8	1.4~1.8
Pulse Energy	0.6 mJ			1 mJ	1.33 mJ
Pulse Duration	2~350 ns		5~200 ns	5~350 ns	50~350 ns
Repetition Rate	1~1000 kHz	1~2000 kHz			1~1000 kHz
FIBER DELIVERY SYSTEM					
Length	1.9~3m standard, other lengths optional				
Beam Diameter	6~9mm				
ELECTRICAL RATINGS					
Supply Voltage	24 VDC				
OTHER SPECIFICATIONS					
Operating Temperature	0 to +40°C				
Storage Temperature	-10 to +60°C				
Humidity	10 to 95%				
Cooling Method	Air Cooling				
Dimension	355×266×120 mm				
Weight	11 kg				

Mechanical Specifications (mm)



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MAX PHOTONICS

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