



Technical Data

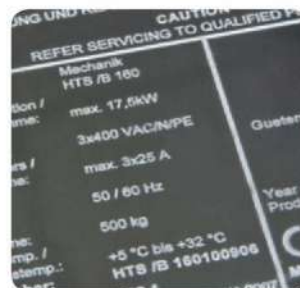
Laser	MAG-20	SP*	MAG-50	SP*
Laser type	Fiber laser		Fiber laser	
Mean Power	20 W		50 W	
Wavelength	1067 nm		1067 nm	
Beam quality	$M^2 < 1.3$		$M^2 < 1.3$	
Stability (over 5 hours)	< 2%		< 2%	
Modulation	20-100 kHz	35-500 kHz	30-200 kHz	35-500 kHz
Pulse width	100 ns	1-300 ns	100 ns	35-300 ns
Max. power	10 kW	20 kW	15 kW	40 kW
Pulse energy	1000 μ J	600 μ J	1500 μ J	1500 μ J



Brass



Plastics



Reflecting areas



Anodized Aluminium

General				
Power connection	230 V			
Power rating	800 W			
Cooling	Air cooling			
Ambient temperature	5-40°C			
Maße und Gewicht				
Fiber length	300 cm			
Laser head (L x W x H)	428 x 106 x 140 mm	428 x 106 x 140 mm	428 x 106 x 140 mm	428 x 106 x 140 mm
Power supply (L x W x H)	349 x 130 x 325 mm	349 x 130 x 325 mm	349 x 130 x 325 mm	349 x 130 x 325 mm
Laser head weight	7 Kg	7 Kg	7 Kg	7 Kg
Power supply weight	14,7 Kg	14,7 Kg	14,7 Kg	15,7 Kg