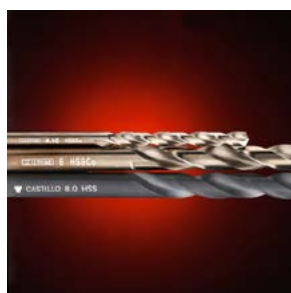
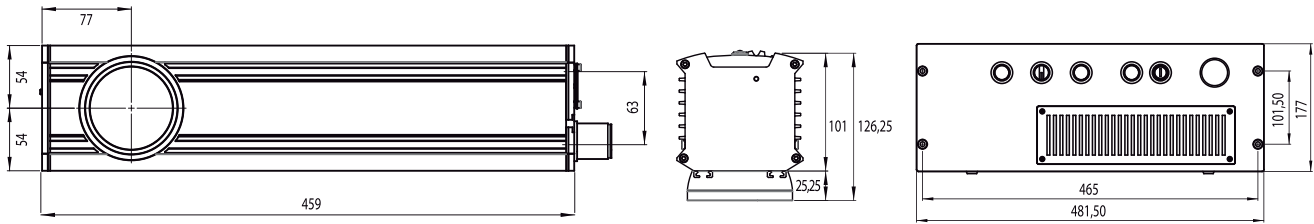


AB - F SERIES

METAL MARKING APPLICATIONS



AB - F SERIES



System		AB-F 10	AB-F 20	AB-F 30	AB-F 50	AB-F 100		
Average Power		10w	20w	30w	50w	100w		
Wavelength		1064nm						
Pulse width		Approx 100ns						
Frequency range		20 - 200	20 - 200	30 - 200	50 - 200	5 - 500		
Power requirements		115 . 230VAC 50/60 Hz 300VA	115 . 230VAC 50/60 Hz 350VA	115 . 230VAC 50/60 Hz 400VA	115 . 230VAC 50/60 Hz 600VA	115 . 230VAC 50/60 Hz 800VA		
Dimensions	Head (L x W x H)	459x106x108mm						
	Rack	550x480,5x177mm (19" x 4u x 550mm)						
Weight		30 Kg						
Cooling		Air						
Alignment diode		Red pointer diode fitted as standard						
Software Options		<ul style="list-style-type: none"> • Abmarca label design software. Requires MS Windows V.7 or higher • AbOptima supervisory software • Abvision control software for vision systems 						
Control System		<ul style="list-style-type: none"> • Dual Processor CPU with 3 axis control and opto-isolated Digital I/O 						
Interface options		<ul style="list-style-type: none"> • Touchscreen • Hand-held terminal • PC/Laptop 						
Environmental Conditions		<ul style="list-style-type: none"> • +15°C to 40°C ambient temperature • Humidity 10-95% non-condensing • Vibration free 						
Accessories		<ul style="list-style-type: none"> • Focus finder diode • 3D scan head • Rotary axis • Extraction equipment • Class I workstations (Abstation range) 						
Focal length (mm)	Marking area (mm)	Working distance (mm)	Spot diameter (µm)	Power Density (kW/cm ²)	Power Density (kW/cm ²)	Power Density (kW/cm ²)	Power Density (kW/cm ²)	Power Density (kW/cm ²)
100	55x55	128	27	3481.9	6963.7	19445.6	17409	34818
162	100x100	205	44	1326.7	2643.4	2980.2	6633.6	13267.2
254	160x160	321	69	539.7	1079.4	1619.1	2698.4	5396.8
346	212x212	321	94	290.8	581.7	872.5	14542	29084