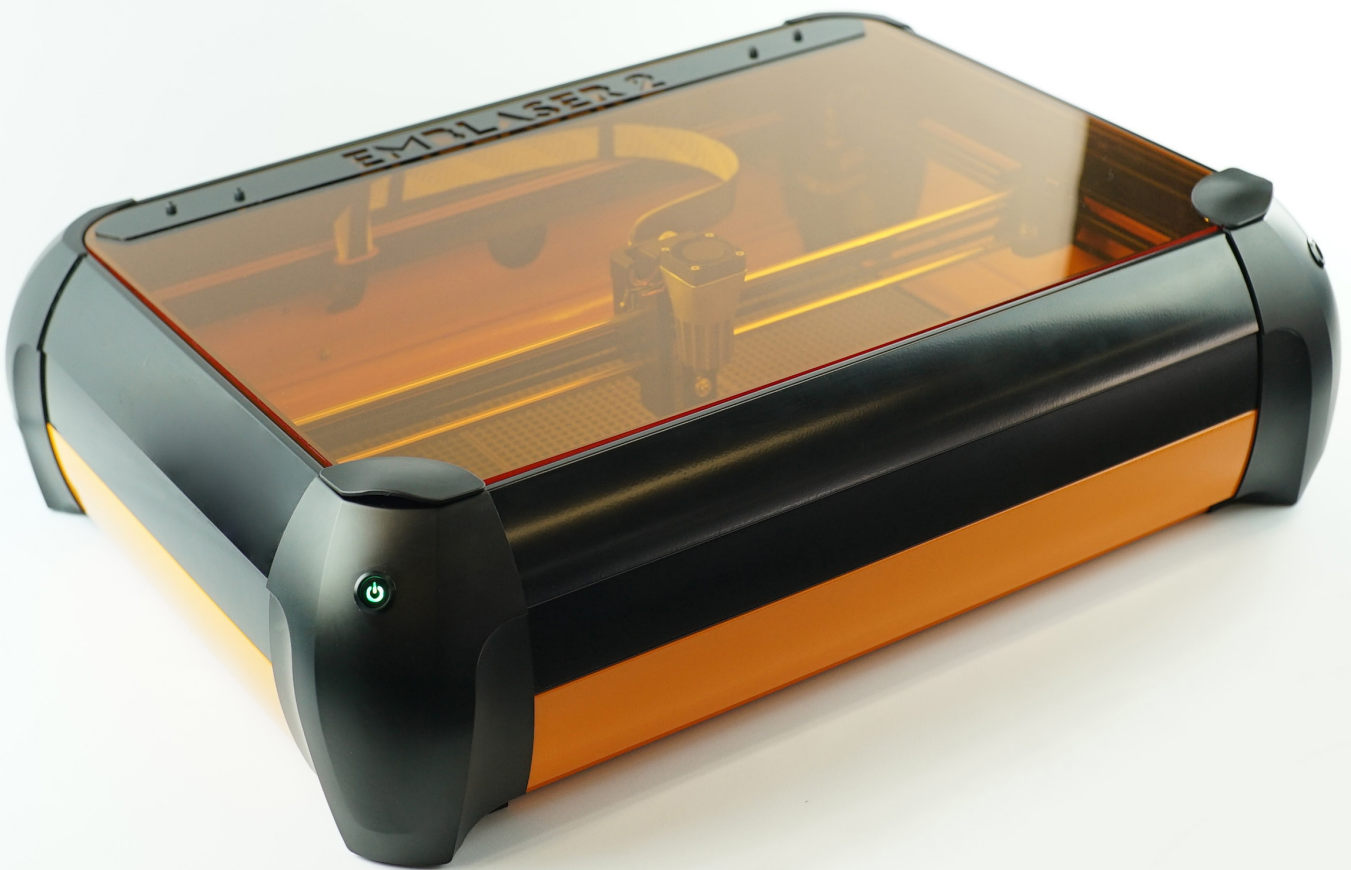




**Darkly Labs**®

**EMBLASER 2 SPECIFICATION SHEET  
2019**



# EMBLASER 2

DESKTOP LASER CUTTER / ENGRAVER

The revolutionary desktop laser cutter and engraver from Darkly Labs.



## EMBLASER 2 SPECIFICATION SHEET 2019

### PRODUCT SPECIFICATIONS

#### OPTICS

Laser Technology	Solid-State Diode, Blue Spectrum.
Beam Spot Size	0.1-0.2mm (0.004-0.008")
Focusing	Automatic - via software.
Lens System	Fully proprietary multi-optics system.
Laser Power	Equivalent to a 15-20 watt CO2 laser.
Cooling	Internally Air-cooled. No external equipment required.

#### FEATURES

Safety Classification	CDRH Class 1 Laser Device.
Connectivity	USB or WiFi 2.4GHz (802.11b/g/n).
Software	Windows, OSX, Linux Compatible.
Laser Height Control	Fully software controlled for 3D cutting & engraving.
Fume Extraction	Built-In, Exhaust hose included.
Workspace Camera	High resolution camera to assist with material placement.
Workspace Lighting	Internal LEDs.
Engraving Resolution	1200 DPI
Air-Assist System	Internal air-assist system for amazingly clean cuts.
Fume Filtration System (optional)	External fume filtration unit with 3 stage filters.

#### DIMENSIONS & POWER

External Dimensions	540mm x 720mm x 200mm, (21.25" x 28.35" x 7.8").
Material Capacity	500mm x 300mm x 50mm, (19.66" x 11.81" x 1.97").
Weight	12kg, (26.46 lb).
Power Requirements	110/240 VAC, 50-60HZ Power Adaptor included.
Power Consumption	Peak 65W. Less than an average light globe.

#### WARRANTY

Mechanics & Electronics	12 months.
Laser Diode	3 years.

For questions and more information, please email [info@darklylabs.com](mailto:info@darklylabs.com).