DREMEL® DIGILAB LASER CUTTER

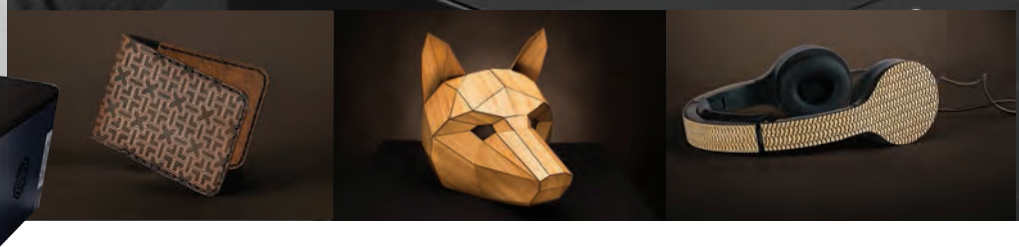
Academic Representative:

Technology Education Concepts

1-800-338-2238 | www.TECedu.com | info@TECedu.com

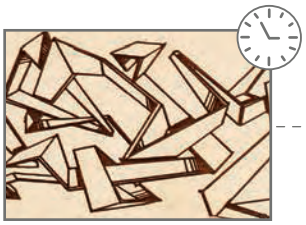
CREATE & EXPAND YOUR PROJECT PORTFOLIO

Bridging the tradition of making with the future of digital creation, Dremel DigiLab Laser Cutter adds a new edge to your projects. Whether you're creating custom pieces or engraving high res artwork — Dremel's digital tools make it easy to transform your vision into reality. The only limit is your imagination.

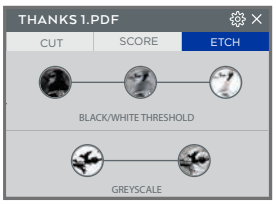


LASER CUTTER VS. OTHER TOOLS

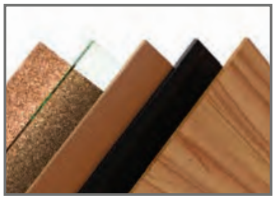
High Detail Engraving and Cutting



Fast and Accurate



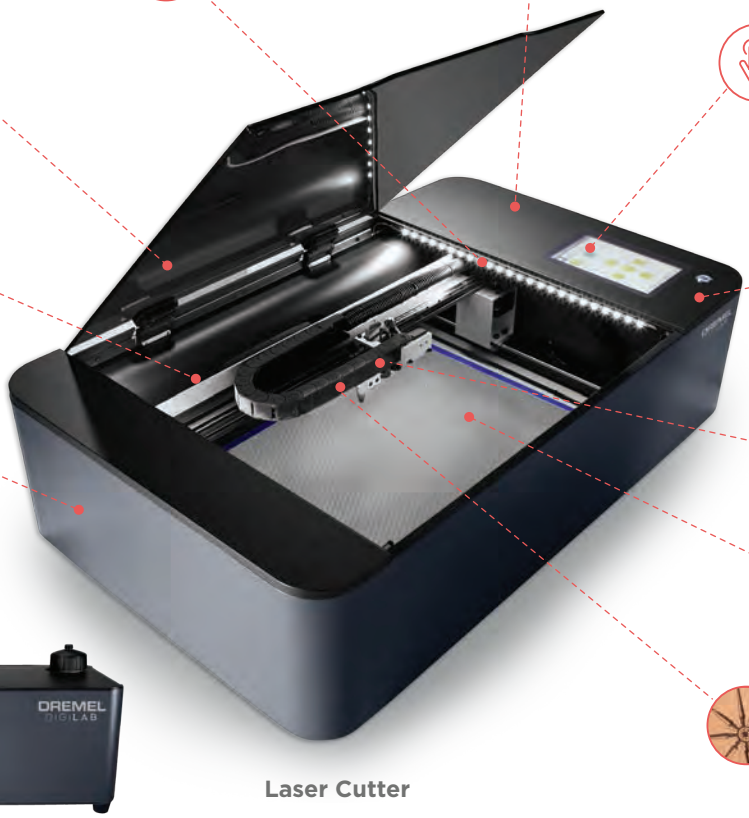
Intuitive & Dynamic Software



Cut & Engrave a variety of materials and projects

LASER CUTTER HARDWARE

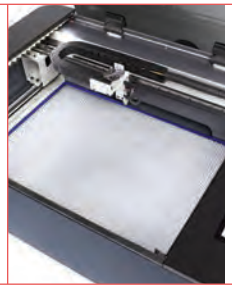
DREMEL DIGILAB



HARDWARE DIMENSIONS

Laser Cutter:
Height: 7-7/8"
Width: 32-1/3"
Depth: 20-3/8"

Hex Box:
Height: 5"
Width: 9-1/2"
Depth: 7"



Included aluminum honeycomb plate for optimal ventilation

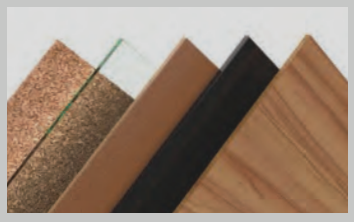
Easy setup with integrated Hex Box air assist and cooling system

High endurance 40W laser cuts and engraves a variety of materials

ECOSYSTEM

BOFA™

PARTNERSHIP WITH BOFA ON FILTRATION

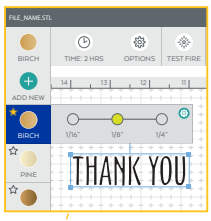


COMING SOON: PRECUT DIGILAB MATERIAL BUNDLES

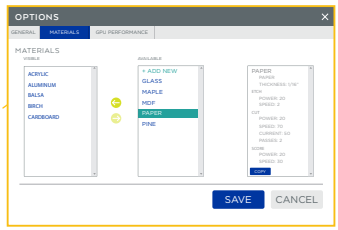
CONTENT & PROJECT INSPIRATION

SOFTWARE

Simple, intuitive interface

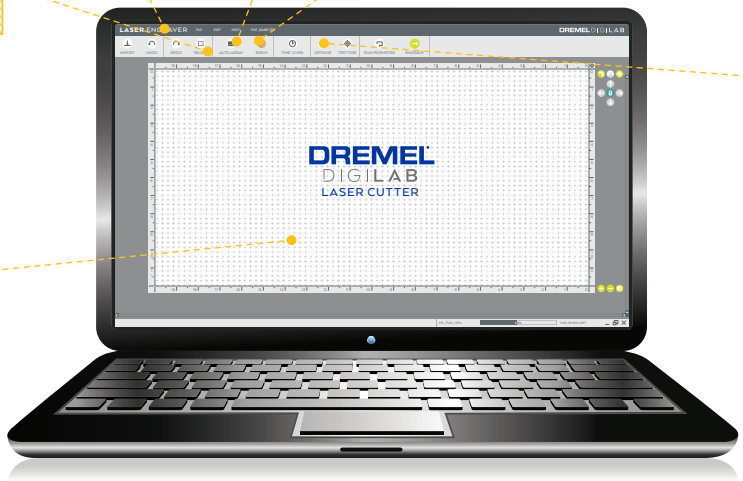


Material library with suggested settings to get you printing immediately

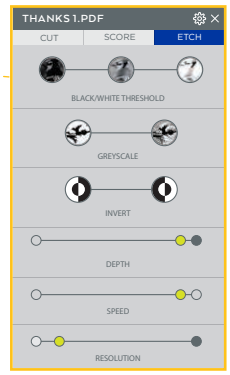


Change default materials and print settings to reflect your favorites

Auto array to quickly fill up bed and optimize space



Grids, snaps, and rulers for precise placement



Engrave by shade for novice users & Engrave by power/speed for advanced users

Save and run jobs directly on touchscreen

Built in camera to import photo of material, reducing misprints

Integrated SMART sensors detect potentially hazardous situations and help troubleshoot

VIDEO TUTORIALS

DREMEL SHOP

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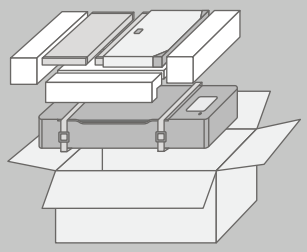
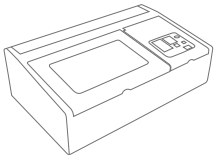
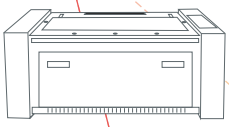


FRUSTRATION FREE PACKAGING AND UNBOXING EXPERIENCE

DREMEL VS. COMPETITION





PRODUCT	VALUE LASERS	DREMEL DIGILAB	INDUSTRIAL LASERS
RELIABLE BRAND		●	●
SAFETY & UL APPROVED		●	
INNOVATIVE PRODUCT & SOFTWARE		●	
QUALITY & ENDURANCE TESTING		●	●
WIFI CONNECTIVITY		●	●
UNIT TOUCH SCREEN		●	
SAFETY SENSORS		●	
MATERIAL LIBRARY		●	
CAMERA INTEGRATION		●	
SAFE METAL HOUSING	●	●	●
COOLING & AIR SOLUTION		●	●
LOCAL CUSTOMER SERVICE & SUPPORT		●	
PRICE	$	$$	$$$$

VISIT DIGILAB.DREMEL.COM/PRODUCTS/LC40-LASER-CUTTER TO LEARN MORE

WHY DREMEL?

DREMEL®

Brand
For over 85 years Dremel has been helping Makers create with our full line of versatile, easy-to-use tool systems. Focused on developing the highest quality products for the most optimal user experience.

Reliability
The brand that Makers have come to know and trust, Dremel's focus on quality product development & engineering ensure that you have the most reliable products to complete your projects

Innovation
With the expansion of the Digilab suite, Dremel is advancing our products to meet the needs of Makers and what they are creating.

Safety
Following strict safety standards and thorough testing helps ensure optimal products and services for our users.

Customer Service
Our team is always by your side to help you with world-class customer support.

IMAGINE. EXPLORE. CREATE MORE.

DREMEL® DIGILAB

LC40 TECHNICAL SPECIFICATIONS

WEIGHT & DIMENSIONS
Engraving Area: 20” x 12” (508 mm x 304.8 mm)
Machine Dimensions: 32” x 20” x 8.25” (812.8 mm x 508 mm x 209.55 mm)
Weight: 70 lbs (31.75 kg)

LASER
Laser Type: Sealed CO2 Laser Tube
Laser Power: 40W
Precision: Up to 1000 x 1000 dpi

POWER
Power Supply: AC 110V native
Gross Power: Less Than 1000W

SYSTEM
Driving System: Stepper
Cooling Mode: Recirculating Water-cooling and protection system
Operating Temperature: 0 - 45ºC (32 – 113ºF)

STANDARD EQUIPEMENT
Hex Box Integrated Cooling and Air Assist: Air cooling system to blow away smoke at the laser head while laser is cutting
Red Dot Pointer: Integrated beam combiner+red dot pointer
Camera: Built-in camera
Controlling Software: Hosted on Laser Unit
Software Access: Through browser via local network – Wifi or Ethernet (no internet connection required)

INCLUDES FREE
Software: Easy-to-use custom software
Table: Honeycomb Table
Water pump: Basic water pump
Exhaust port: Standard 4” exhaust port

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