

# DREMEL DIGILAB

## LASER CUTTER

### Technical Specifications

#### LASER SYSTEM

Laser Type: Sealed CO2 Laser Tube  
 Laser Power: 40W  
 Laser Classification: IEC 60825-1 Class 3R  
 Beam Size: 6.5 mm diameter @ 1.2 m  
 Working Current: 20mA  
 Wavelength: 10.6  $\mu$ m

#### LASER CUTTER WEIGHT & DIMENSIONS

Dimensions: 32" x 20" x 8.25"  
 (812.5 mm x 508 mm x 209.55 mm)  
 Weight: 63.3 lbs (28.7 kg) (without Hex Box™ or accessories)  
 Shipping Weight: 100 lbs (45 kg)

#### HEX BOX™ WEIGHT & DIMENSIONS

Dimensions: 7.25" x 11" x 7.25"  
 (184 mm x 279 mm x 184 mm)  
 Weight: 10 lbs (4.5 kg)  
 Total Water Capacity: 35 oz (1 liter) in all settings.

#### ELECTRICAL REQUIREMENTS

LC40 input rating: 120V, 60Hz, 6 A  
 Hex Box™ rating: 12V DC, 4.7 A

#### OPERATING ENVIRONMENT

Recommended Environmental  
 Temperature: 60-85F (16-29C)  
 Sturdy, flat, and level workspace that holds weight of the Laser, material, and Hex Box™.  
 For indoor use only.

#### SUPPORTED OPERATING SYSTEM AND SYSTEM SPECIFICATIONS

Compatibility: Mac & PC  
 •Apple® Mac® OS® X v10.9 or later (Mavericks)  
 •Microsoft® Windows® 10  
 •Microsoft® Windows® 8.1  
 •Microsoft® Windows® 7 SP1  
 Browser Compatibility: Chrome, Safari, Firefox, & IE  
 Min Screen Resolution: 1024 x 768 Pixels  
 Ability to Connect Through Network (Ethernet or Wireless) without Internet Connection  
 Wireless connection frequency: 2.4 GHz

#### OPERATING CAPACITIES

Engraving Area: 18.4" x 12"  
 (467 mm x 304.8 mm)  
 Cutting Area: 20" x 12"  
 (508 mm x 304.8 mm)  
 Max Engraving Height: 1.25" (32 mm)  
 Max Cutting Height: ¼" Wood and Acrylic (6 mm)

