



**STARTING AT: \$7,997.00**

**70W X-SERIES**  
**LASER POWER INCLUDED**

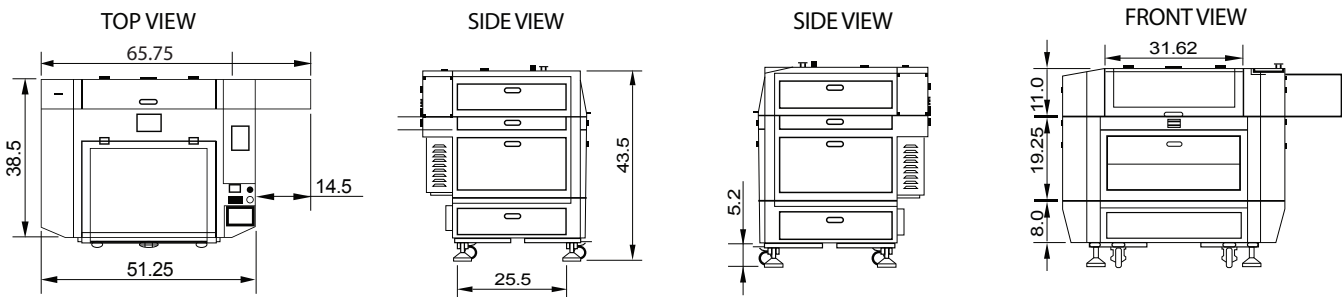
**2021 LIGHTBURN**  
**SOFTWARE \$89 OPTION**

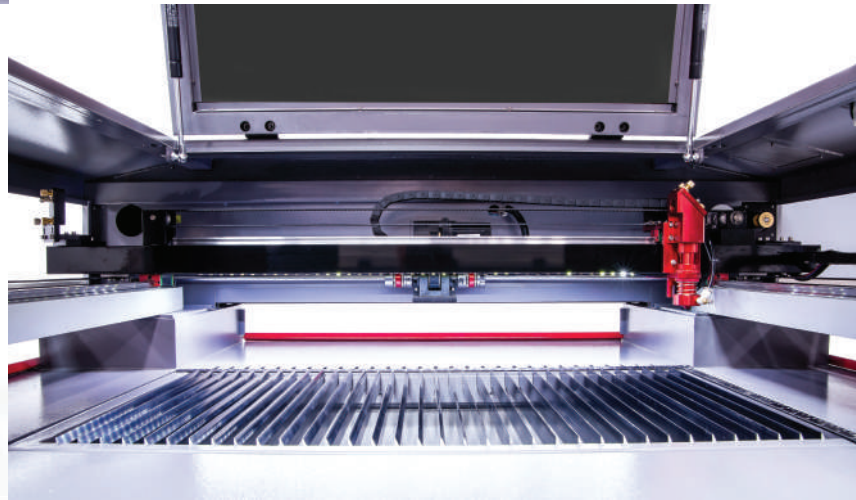
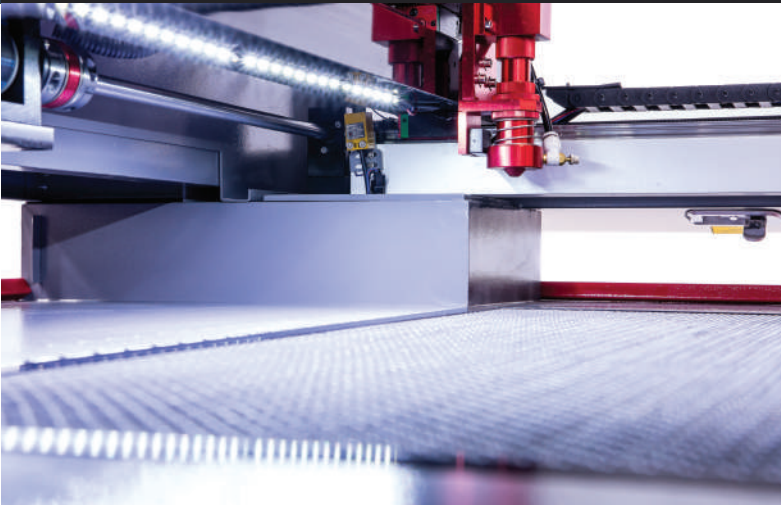
**INDUSTRY LEADING**  
**2 YEAR**  
**WARRANTY**  
 COVERING ALL PARTS  
 1 (ONE) YEAR ON LASER TUBE

**LS-1630 INCLUDES:**

- 70 watt CO2 laser tube or optional 105W upgrade (2x's life span)
- RD Works Software or Upgrade to 2022 Lightburn (\$89).
- NEW! Front, back, and side material "Tru-Pass-Thru" options for maximum material handling
- U.S. focal lenses manufactured locally from American Photonics. Proven 14% beam transmission improvement vs. imported optics.
- Connectivity to PC via. Wi-Fi or USB option
- Inline Beam Combiner combines red beam with laser to pinpoint a red dot on the material for improved accuracy and alignment
- Auto Focus attachment quickly regulates the initial distance between the laser head and material
- 250 CFM exhaust fan with venting for removing fumes and smoke
- Max Air compressor powers laser head air-assist to keep laser area clean.
- Two (2) Full Year Warranty covering all parts. 1-Year on laser tube. Ask about optional warranty extensions.

- Illuminated LCD panel for automated laser head control
- Motorized Z Table offers push button Z-axis up/down movement - up to 8" for tall materials
- Optional CW-3000 or 5000 water chiller & Exhaust fan to keep laser clean and cool
- Honeycomb and Knife Blade platform for cutting and engraving
- Vacuum table conveniently collects finished product into sliding tray.
- Industrial CNC machined components in stock for long term reliability
- Ball bearing guide rails promotes smooth & precise laser movement
- Optional Roller or Chuck Rotary Attachments for cylindrical objects
- Windows, Mac OS, or Linux (32 or 64-bit) Compatible
- FREE Lifetime Technical Support from qualified technicians and engineers
- No Hassle 30-Day Return Option





**SPECIFICATIONS**

<b>Cutting Area</b>		400 x 750mm or 15.75" x 29.50"	<b>Material platform</b>	Both Honeycomb & Knife Blade cutting tables
<b>Work Table Capacity</b>		200lb movement, 300lb static	<b>Net Weight</b>	630lbs.
<b>Laser Power</b>		Includes 70w, optional 105w	<b>Power Supply</b>	AC 110V (220V available upon request)
<b>Software Interface</b>		RD Works. (Optional 2022 Lightburn - \$89)	<b>OS Compatibility</b>	Windows, Mac OS, or Linux (32 or 64-bit)
<b>Material Capacity</b>		Organics / non-metal - Able to mark pre-treated metals	<b>Laser / PC Connectivity</b>	USB connection
<b>Machine Dimensions</b>		65.5"L x 37.5"W x 44.5"H (with 100W tube extension)	<b>Job Memory Capacity</b>	128mb via. USB flash drive or WiFi networking
<b>Venting Attachments</b>		Air exhaust fan with venting tube	<b>Rotary Capable</b>	Chuck or Roller options available
<b>Motor type</b>		Hybrid Servo Motor	<b>Crate Dimensions/Gross Weight</b>	69" Deep X 43"W x 50"H / 700#
<b>Z table</b>		Motorized Z (8 in. up/down adjustable)	<b>Warranty</b>	24 months (includes parts & CO2 tube)
			<b>Class</b>	Class 4 laser