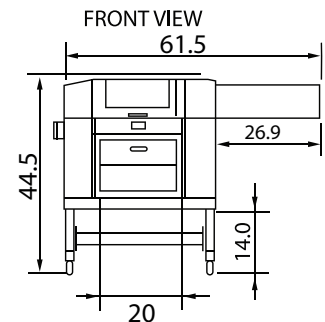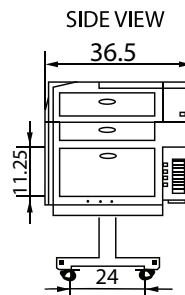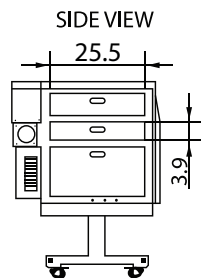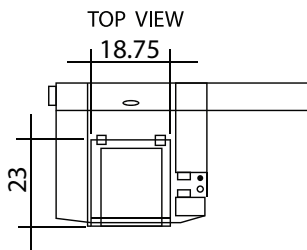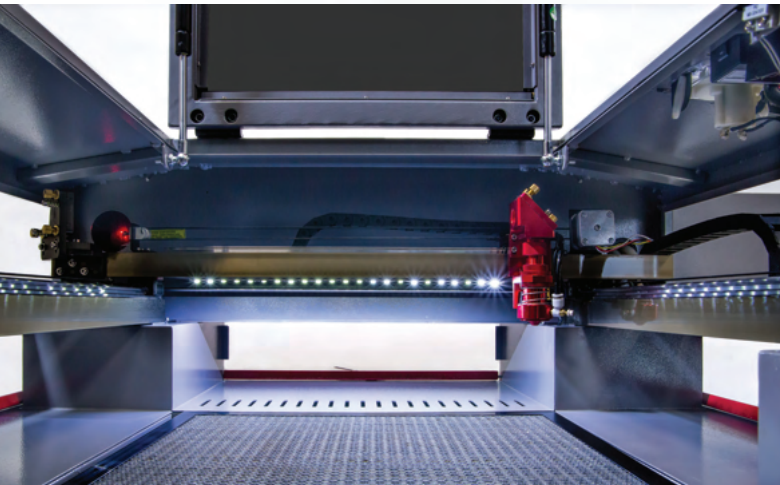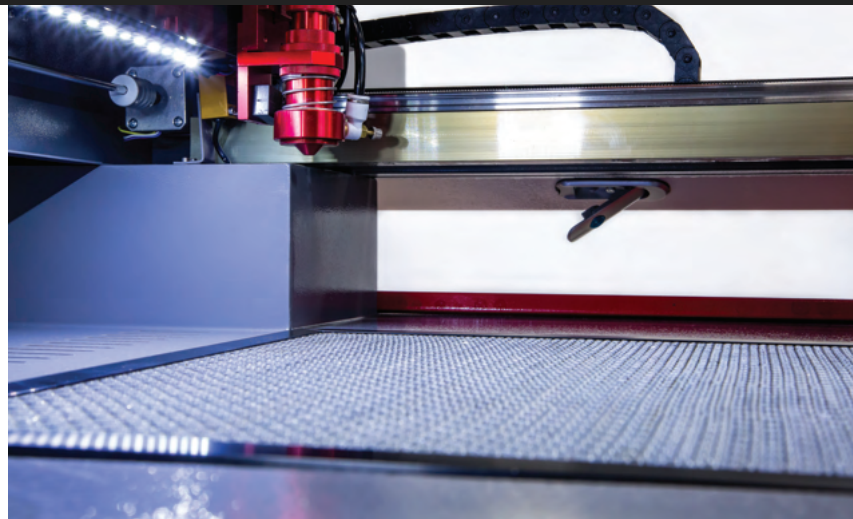# 50W X-SERIES
Upgrade to 70 Watts

Laserworks (RD Works Included
Upgrade to Lightburn Pro™ ($199)

INDUSTRY LEADING
2 YEAR WARRANTY
COVERS ALL PARTS
1 YEAR ON LASER TUBE

LS-1420 INCLUDES:

• NEW! 4-WAY PASS-THRUs for greater material handling.
• RD Works Software or Upgrade to Lightburn Pro ($199).
• NEW! Auto focus makes focusing the laser head quick and easy
• Hybrid Servo Motor System
• NEW! U.S. optics from American Photonics. Proven 14% beam transmiss ion improvement vs. imported optics.
• NEW! Inline Beam Combiner (no more red dot pointer!) illuminates red dot on the material for improved accuracy and alignment.
• Laser head Air Assist keeps smoke & debris out of the laser area
• Motorized Z Table with 8" height adjustment.
• Wi-Fi or USB connection to PC Option
• Large exhaust fan and venting for extracting smoke and fumes.

• Both Honeycomb and Knife blade platforms for cutting and engraving
• Quality CNC machined parts for long term reliability.
• Ball bearing Y axis guide rails ensures smooth & precise laser movement
• Optional Heavy Duty Rotary or Chuck attachment for cylindrical objects
• Quick access to warehoused replacement parts at an affordable cost
• Dedicated USA technical support of trained tech's and engineers.
• 30 Day "Try-It-Out" Return Policy.
• FULL 2-Year Warranty covers parts . 1-year on laser tube. Optional warranty extensions
• Free Lifetime Tech Support As long as you own the machine we're here to serve you.

TOP VIEW	SIDE VIEW	SIDE VIEW	FRONT VIEW
18.75	25.5	36.5	61.5
23	3.9	11.25	44.5 / 26.9 / 14.0 / 20
		24	

SPECIFICATIONS		Material Platform	Both Honeycomb & Knife Blade cutting tables
Cutting Area	15.75" x 13.75" or 19.75" x 13.75"	**Platform Capacity**	Up to 30 lbs. lifting 35 lbs. static
Machine Stand	Steel stand w/ casters for mobility: 24" height (optional)	**Net Weight**	415lbs. - machine only
Laser Power	CO2 Glass 50W optional 70W (cut up to 3/8" wood / acrylic)	**Power Supply**	Standard AC 110V (220V upon request)
Software Interface	RD Works or Upgrade to 2021 Lightburn Pro ($199)	**OS Compatibility**	Windows, Mac OS, or Linux (32 or 64-bit)
Material Capacity	Organics / non-metal - can mark treated metals	**Laser / PC Connectivity**	USB and WiFi networking
Machine Dimensions	With Stand - 61.5" x 36.6" x 45.3", Without Stand - 61.5" x 36.6" x 31.5"	**Job Memory Capacity**	128mb via. USB flash drive
Venting Attachments	Air Exhaust fan with extended venting pipe	**Crate Dimensions/Gross Weight**	60L X 36W x 50H / 650#
Motor type	Hybrid Servo Motor	**Warranty**	2 (two) year covers all parts. 1 (one) year on laser tube. Extension on warranty available.
Z table	Push button lower or raise 8"	**Class**	Class 4 laser

Call us if you would like to schedule a demo at our Sanford, FL location

BOSS LASER is an ISO-9001 Registered Company