



155W CO2
LASER POWER INCLUDED

Hybrid 3D CAM
by CAMlink
SOFTWARE INCLUDED

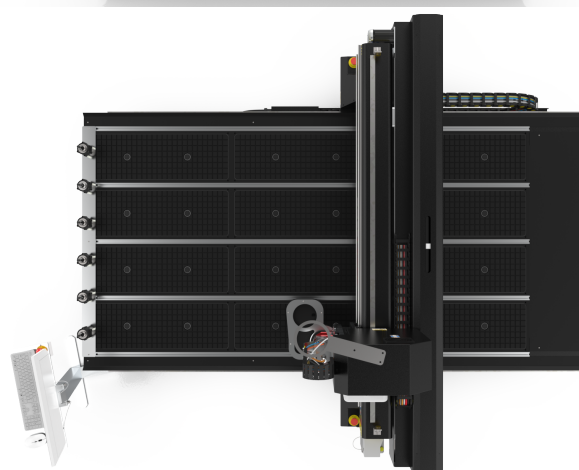
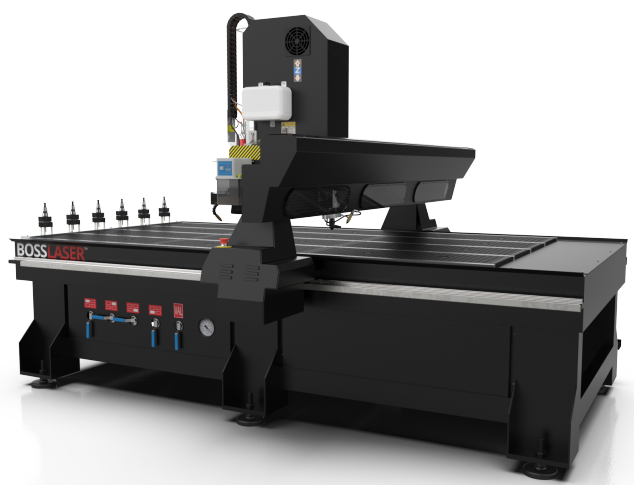
INCLUDES
2 YEAR LIMITED
WARRANTY

1 Machine 3 Tools - Laser/Spindle/Braille (Optional)

Boss' LSR™ offers an all-in-one solution for milling, laser, and optional ADA compliant Braille signage tool. By harnessing the power of CO2 laser and spindle in one machine the LSR is able to process almost any material. The optional Braille insertion tool with programming gives you all you need for creating quality ADA compliant signage. Comes equipped with American made software and control card. Made in USA Optics from American Photonics. The LSR is designed and engineered in the USA.

LSR Hybrid INCLUDES:

- 155 watt CO2 Laser Tube
- 4x4 work area - Optional 5x10, 6x12, or build to suit
- 2.2KW (3HP) air cooled spindle - manual up to 12HP ATC options available
- 4 - axis transmission system
- 1 machine equipped with 3 tools - laser, spindle, braille (optional)
- X & Y Axis - Servos w/Helical rack & pinion rails and precision linear guide rails & bearing blocks
- U & Z Axis - Servos w/Ball Screw drive between Dual guide rails & bearing blocks
- All-in-One USA Teknic™ Servo Motors - Integrated Planetary Gear Boxes
- HP 24" Multi-Touch Screen
- Intel Core I-5 PC
- Preloaded with Hybrid 3D Cam by CADlink
- Industrial Active Water Chiller for CO2 laser- LSR
- New All-In-One Laser head with auto focus & air assist
- Made in USA Optics from American Photonics
- Quality Management System (QMS) - ISO-9001 CERTIFIED
- Tech Support For Life Via. BOSS' In-House Laser Tech's And Engineers
- Warehoused Replacement Parts & Accessories For Quick Replacement
- Two (2) year warranty on parts - One (1) year on laser tube
- We 100% Guarantee With Our 30-Day Guarantee Return Policy



SPECIFICATIONS

Base Cutting Area	4'x4', (Optional 5'x10', 6'x12' or build to suit)	Z-Table	Z axis - 2" telescoping laser head
Machine Dimensions	W: 84mm H: 83mm L: 72mm	Net Weight	2500 lbs.
Material Platform	Flexible T-nuts Track and Vacuum Platform w/optional rugged aluminum surface modules	Warranty	Two (2) year parts, One (1) laser tube
Power	2.2 kW (3HP)	Software Interface	Newfangled Industrial
Laser Power	155 Watts	Class	Class 4 laser
Motor Type	American Teknic Servos & L7 AC Servos	Laser Cooling	Industrial Laser Chiller
Software/Tool Ad-On's	Braille pen w/ translation program	Power Supply	Premium AC 220V
Spindle	2.2 KW 3HP w/ options up to 12 HP + ATC	Precision Tolerances	Up to .001"
Material Capability	Metal & non metal	Vacuum Pumps	Optional upgrade 2.2KW Centrifugal
Gross Power	12K Watts / 220v 50 Amps	Laser / PC Connectivity	USB or Wifi Connect
OS Compatibility	Windows 10 (64 bit), Laser/PC connectivity, USB or Wifi connect	Voltage	220V 3 Phase (Inverter Output Voltage)
American Controller	American Control Board by Warp9tech (Ethernet Hybrid Controller)		