

VLS Series Lasers

Laser Cutters & Engravers

Small Format VLS Series Laser



*VLS Laser shown with ADVL Base 1 Advantage Extraction Cabinet

Large Format VLS Series Laser



ENQUIRE NOW

Totally enclosed,
safe to use
RoHS Compliant

Precision cutting, deep
engraving & scribing

Ideal for cutting a
range of resistant
materials

High-Precision Cutting and Engraving for any Classroom or Workshop

The VLS laser systems provide safe, accurate and easy-to-use solutions for cutting and engraving a wide variety of materials.

The compact Small Format models turn digital drawings into finished products with precision and simplicity, while the free-standing VLS Large Format units offer an expanded working area for more ambitious projects.

Both ranges are ideal for cutting, deep engraving, precision scribing and detailed etching across materials such as wood, plastics, fabric, leather, paper and rubber, as well as marking glass, ceramic, metal and stone.

Key Benefits:

- Two bed sizes and multiple power options to suit different budgets and applications
- Unique material selection menu for quick, accurate setup across pre-selected materials
- Portable systems that fit through a standard-width doorway*
- Choice of red or blue machine colours
- Supplied with an AD-ORACLE** extraction unit, featuring integrated air assist, HEPA filtration and filter status monitoring
- Suitable for precise cutting, deep engraving, decorative etching and surface marking across a wide range of materials

*Small Format
**Large Format

VLS SERIES LASERS

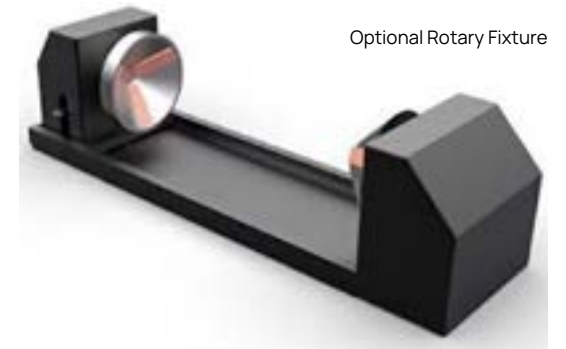
Technical information

Equipment as standard

- VLS Lens Kit 2.0
- Laser Cartridge
- Air Assist Cone
- Honeycomb Bed
- LaserCAM Software
- Extraction Unit with integrated Air Assist Compressor

Optional extras

- Rotary Fixture - cylindrical laser processing up to a diameter of 102mm (4.0") with self calibrating Z-axis depth sensor.
- Air Assist Back Sweep (for use when cutting rubber)



Safety information



Class 1 safety enclosure for CO2 laser beam. Class 3a red laser pointer

VLS Series safety features include Over Temperature Sensor with Audible Alarm, Safety Glass, Automatic Recognition of Accessories and 'Smart Technology' ULR Laser Cartridges which can be easily changed by the user. VLS Series Laser Systems are RoHS Compliant.

Recommended System Requirements

- Dedicated PC: Windows 7, 8, 10 & 11, 32-bit/64-bit
- 1 available USB Port (2.0 or higher)

Small Format

	VLS2.30DT	VLS3.60DT	Advantage Unit
Machine Length	661mm/ 26in	864mm/ 34in	670mm/ 26.4in
Machine Depth	635mm/ 25in	635mm/ 25in	470mm/ 18.5in
Machine Height	356mm/ 14in	356mm/ 14in	770mm/ 30.3in
Machine Height on Advantage Unit	1118mm/ 44in	1118mm/ 44in	N/A
Machine Weight	32kg/71lb	43kg/ 95lb	65kg/ 143lb
Approx. Working Area	305 x 406mm/ 12 x 16in	305 x 610mm/ 12 x 24in	N/A
Laser Power Options	30 Watts	30, 40, 50 or 60 Watts	N/A
Volts	230 Volts	230 Volts	230 Volts
Amps	10 Amps	13 Amps	7.25 Amps
Electrical Connection	13A Socket	13A Socket	13A Socket

Large Format

	VLS4.75	VLS6.75	AD-ORACLE
Machine Length	914mm/ 36in	1118mm/ 44in	430mm/ 16.9in
Machine Depth	914mm/ 36in	914mm/ 36in	430mm/ 16.9in
Machine Height	965mm/ 38in	991mm/ 39in	980mm/ 38.6in
Machine Weight	122kg/ 269lb	147kg/ 324lb	90kg/ 198lb
Approx. Working Area	457 x 610mm/ 18 x 24in	457 x 813mm/ 18 x 32in	N/A
Laser Power Options	30, 40, 50, 60 or 75 Watts	30, 40, 50, 60 or 75 Watts	N/A
Volts	230 Volts	230 Volts	100-240 Volts
Amps	10 Amps	10 Amps	12.5 Amps
Exhaust Connection Dia.	101.6mm/ 4in	2 x 101.6mm/ 2 x 4in	75mm/ 3in
Electrical Connection	13A Socket	13A Socket	13A Socket