

DENFORD

VLS Series Lasers

LASER CUTTERS & ENGRAVERS



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.

EXCLUSIVE

Advantage Integrated Fume Extraction Cart with on-board Air Assist Compressor

For LaserCAM 2D Design Software
see pages 38 - 39



Side panel colour variations

VLS Series Lasers can transform images or drawings on your computer screen into real items made from a wide variety of materials. These Lasers are ideal for cutting, deep engraving, precision scribing, decorative etching on wood, plastic, fabric, leather, paper, rubber and will also mark glass, ceramic, metal and stone.



VLS Series Lasers

There are two bed sizes to choose from and 5 power options available to accommodate a variety of budgets and applications. The VLS Series' access door and side panels come in a variety of colours including red, green, blue, yellow or purple.

Optional equipment includes a Honeycomb Bed, Integrated Fume Extraction Cart with built in Air Assist Compressor, Rotary Fixture and High Density Focusing Optics. An Air Assist Back Sweep is available for use when cutting rubber.

VLS Series Lasers have a unique 'materials cutting' menu so there is no need to look-up power and speed settings - simply select the type of materials and thickness to be lasered and press the start button. Design and Print, it's as simple as that!

VLS Series Lasers are recommended for use with Denford's Advantage Integrated Fume Extraction Cart with built in Air Assist Compressor, Pre Filter and HEPA Chemical Gas Filter, which can be visually monitored by a 3 stage Filter Status Display. The unit is portable and will pass through a standard width doorway.



SYSTEM REQUIREMENTS

Microsoft Windows, XP, 2000, Vista, 7, 8 & 10
USB 2.0 Connection.

ROTARY FIXTURE - OPTIONAL

The Rotary Fixture permits laser processing around cylindrical surfaces up to a maximum 127mm (5.0") diameter. A sensor detects when the fixture is installed and adjusts automatically.



MACHINE DETAILS	VLS2.30	VLS3.50	ADVANTAGE UNIT
Machine Length	661mm	864mm	670mm
Machine Depth	635mm	635mm	470mm
Machine Height	356mm	356mm	770mm
Machine Height on Advantage Unit	1118mm	1118mm	N/A
Machine Weight	32kg	43kg	65kg
Approx. Working Area	305 x 406mm	305 x 610mm	N/A
Watts of Laser Power	10, 25 or 30	10, 25, 30, 40 or 50	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

SAFETY INFORMATION

Class I safety enclosure for CO2 laser beam. Class IIIa for red laser pointer.