


**DENFORD**

# Large Format VersaLASER™

LASER CUTTER & ENGRAVER



For LaserCAM 2D Design Software see pages 8 - 9

Side panel colour variations



VLS 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 a Technician. VLS Laser Systems are RoHS Compliant.

CAD/CAM Software : VR CNC Software : CNC Routers : Mills : Lathes : PCB/Engraving Machines : Benches & Accessories : Laser Cutters/Engravers  
Rapid Prototyping : Concept Modelling : 3D Scanning Solutions : Cutter / Plotters



## Large Format VersaLASER™

LASER CUTTER & ENGRAVER

The Large Format VersaLASER™ Series are free standing laser units with a large working area. There are numerous models and power options available to accommodate a wide range of budgets and applications including cutting, deep engraving, precision scribing, decorative etching on wood plastic, fabric, leather, paper, rubber and also the marking of glass, ceramic, metal and stone.

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



AD-ORACLE  
Extraction Unit

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

The Large Format VersaLASER™ Series is recommended for use with Denford's AD-ORACLE Extraction Cart with built in Air Assist Compressor, Pre Filter and HEPA Chemical Gas Filter which can be visually monitored by a Filter Status Display.

### Rotary Fixture - Optional

Permits laser processing around cylindrical surfaces up to 203mm (8.0") diameter and up to 406mm long.



Automatic Driver



Manual Driver

MECHANICAL DETAILS	VLS3.60	VLS4.60	VLS6.60	AD-ORACLE Extraction Unit
Machine Length	914mm	914mm	1118mm	430mm
Machine Depth	762mm	927mm	953mm	430mm
Machine Height	965mm	991mm	991mm	980mm
Machine Weight	107kg	122kg	147kg	90kg
Approx. Working Area	305 x 610mm	457 x 610mm	457 x 813mm	N/A
Watts of Laser Power	10, 25, 30, 40, 50, 60	10, 25, 30, 40, 50, 60	10, 25, 30, 40, 50, 60	N/A
Volts	230 Volts	230 Volts	230 Volts	100 - 240 Volts
Amps	10 Amps	10 Amps	10 Amps	12.5 Amps
Exhaust Connections Dia.	101.6mm	101.6mm	2 x 101.6mm	75mm
Electrical Connection	13A Socket	13A Socket	13A Socket	13A Socket

### SAFETY INFORMATION

Class I safety enclosure for CO<sub>2</sub> laser beam.  
Class IIIa for red laser pointer.

### SYSTEM REQUIREMENTS

Microsoft Windows 2000  
or XP, Vista with USB 2.0 Connection.



Get help, advice and share designs online  
[www.denforddata.com/bb](http://www.denforddata.com/bb)

To get you up and running, Denford also offer a range of CNC Routers, Lasers, Milling Machines and Lathes, together with tooling packages, workholding kits and courseware.

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