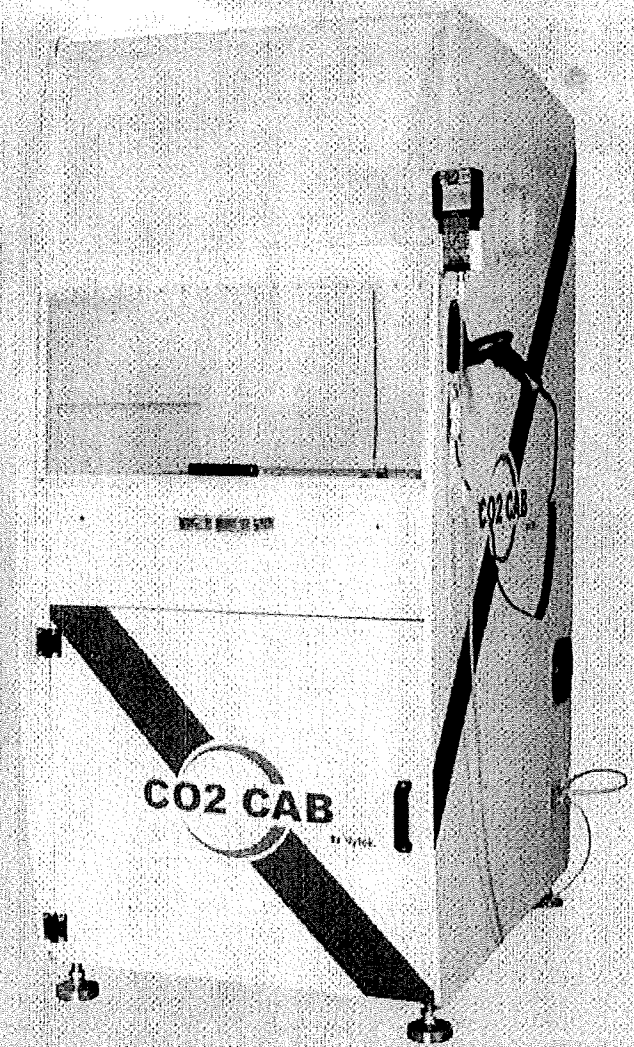**Vytek**

VYTEK LASER CUTTING & ENGRAVING

Compact Elite Plus CO2-Cab 3X Workstation-Overview

The CO2Cab 3X provides a revolutionary approach to laser cutting applications with the use of three axis galvo technology. The 3X series combines the high speed of a galvo with the ability to address excessively large working fields.

The Co2Cab 3X can achieve field sizes of up to 3' x 3', the key is how 3 axis galvo technology works; the laser beam is delivered to a unique high-speed dynamic focus module which is in sync with the galvo mirrors. This process is done at extremely high speeds and allows the focused spot to be adjusted in real time over the full working field.
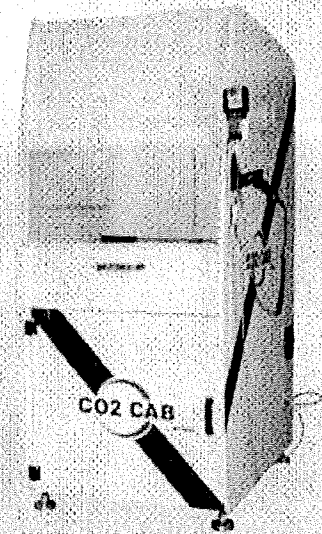
Large Field of View:
The Co2Cab galvo scanning technology works by placing the focusing lenses before the scan head or galvo. So, the sizes of the optical elements become independent of the field size allowing very large field sizes possible. This flexible design allows the Vytek Co2Cab to be readily configured for a wide range of field sizes with a single, economical lens set.

The base system is a contiguous steel structure designed specifically to reduce the effects of the surrounding vibrations while offering a thermally stable support structure. The system utilizes a down draft honeycomb support table system to both support the work as well offer down draft fume extraction. In addition to down draft fume removal the system also integrates a cross draft fume system for surfaced cut or engrave items

➢ The proposed system would have a work area of 21" x 21".

➢ The work area will be accessible from the front of the machine

➢ System access is a hideaway fold in full size door.

➢ Table is designed as a hollow down draft plenum and integrates a cross draft fume extraction.

➢ The system includes two ports for fume extraction and a makeup air-port.

➢ The system uses the latest 3-axis galvo with a precision moving optically assembly for maintaining the smallest spot size.
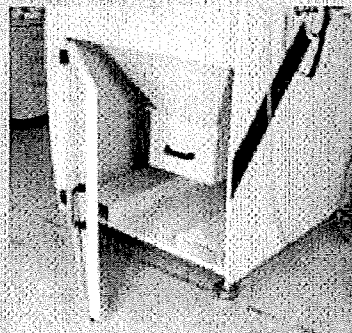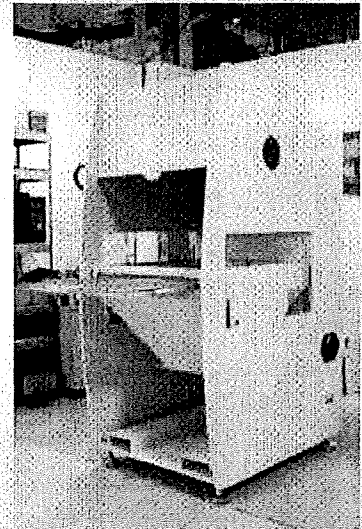
The CO2Cab 3 axis Galvo based series is ideally suited for medium area engraving, cutting and marking.
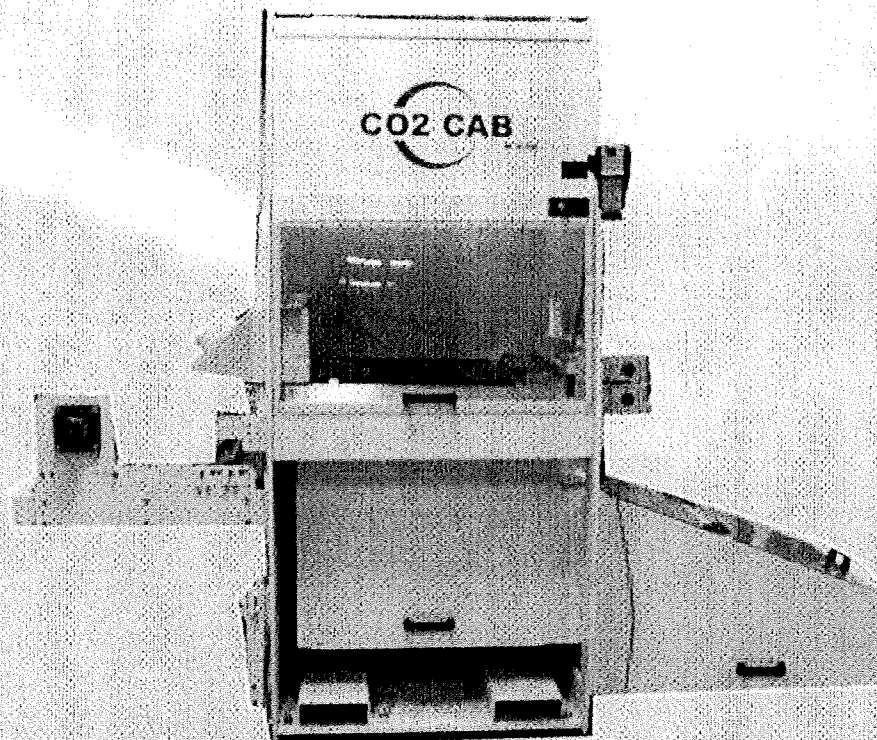
Co2Cab 3X shown with auto advance for roll feed production

CO2Cab 3X System Proposal for: Patricia Rawlinson Designs

Item	Qty	Description	Unit Price	Ext.
1	1	**CO2Cab 3X CO2 Laser Station, including:** • High performance 3 axis Scan Head • Up to a 24" x 24" field size • Integrated PC adjustable work station and keyboard tray • Class I enclosure with flip up front door access • Automation port for add on devices • LED Lighted interior cabinet • Training and Support 2-year subscription to Laser U online learning management portal for two people • Warranty: 2-year parts & labor excludes Optics, Consumables with prorated laser use		$230,500.00

Available Options (not included unless indicated with a Qty)

Item	Qty	Laser Power Options	Unit Price	Ext.
2	1	**250-watt CO2 Laser** • Water cooled • Includes Laser Chiller	*INCLUDED*	*INCLUDED*

Table Options

Item	Qty		Unit Price	Ext.
3	1	**Roll Goods Unwind Unit** • Allows a full roll of stencil to be placed for manual inline feeding into the machine	*INCLUDED*	*INCLUDED*
4	1	**Honeycomb Table Insert** • Downdraft fume extraction • Edge fence for alignment	*INCLUDED*	*INCLUDED*
5	1	**Aluminum Blade Table Inserts** • Downdraft fume extraction • Edge fence for alignment	*INCLUDED*	*INCLUDED*

Fume Extraction Options

Item	Qty		Unit Price	Ext.
6	1	**Cross Flow Fume Extraction Manifold**	*INCLUDED*	*INCLUDED*
7	1	**3 HP Fume Pump** • Hose connections to machine • NOTE: requires venting outside	*INCLUDED*	*INCLUDED*

Special Options

Item	Qty		Unit Price	Ext.
8	1	**Side to Side Pass Through Option** • Allows use of rolled material up to 24" wide to go through machine	*INCLUDED*	*INCLUDED*

Training & Installation

Item	Qty		Unit Price	Ext.
9	4	**Optional On-Site Installation** • $2,000/day plus expenses • Expenses are typically $500/day • Training is for one person	*INCLUDED*	*INCLUDED*

Packing

Item	Qty		Unit Price	Ext.
10	1	**Crating Charge**	$750.00	$750.00

Sub Total	$230,500.00
Crating Charges	$750.00
Total Cost	$231,250.00