

**CATALYST V2e**  
LASER MARKING SYSTEM

**CATALYST V4e**  
LASER MARKING SYSTEM

**CATALYST V8e**  
LASER MARKING SYSTEM



**Print &  
contour cut  
all-in-one**



**Laser Diodes**  
Option of 2, 4 or 8 diodes



**Print Width**  
13 - 104 mm (0.5" - 4.1")



**Cutter**  
Digital contour cutter  
& pizza-wheel cutter



**Software**  
BarTender UltraLite  
(Windows) included



**Print Speed**  
Up to 106 mm (4.1") in 12s



**Compatible with**  
Windows



# Facts about the Catalyst Laser Marking Systems

The Catalyst combines printing onto highly-durable, pre-laminated label substrates with a built-in digital die-cutting system for producing labels of any shape or size. Produce labels for tough service applications such as UDI labels for medical devices, automobile VIN and under-hood part numbers, aerospace and solar panel labels, serial tags for outdoor power equipment, vehicle and marine spare parts, asset tags, barcode/QR code labels, warning labels, instruction panels, and many other industrial labels that must withstand rough environmental conditions for many years.

## Unique Material & Imaging Technology

Catalyst uses a patent-pending, bundled package of fibre-coupled laser diodes for imaging onto a Color Laser Film (CLF), which is produced by German company Schreiner ProTech. The printed image is created by 'phase changing' of the surface, i.e. a colour change of the special pigment in the CLF, and is therefore a neutral process without chemical vapours or material removal. This is one of the considerable advantages of using only Schreiner CLF materials.

The laser generates no smoke or fumes since the phase-change process makes the image appear underneath the clear, protective laminate.



## Dual, Built-in Cutters

Other laser label printers use the high-powered laser to cut custom sizes and shapes, creating poisonous dust and fumes. The Catalyst, on the other hand, uses the same proven digital die-cutting technology found in other label printers, such as the LX610e Pro Color Label Printer. An X/Y knife plotter cuts directly through the CLF material without producing such dangerous pollution.

## User Friendly & Low Maintenance

Catalyst-series printers are simple to deploy, operate, and maintain. Upgrade versions of BarTender UltraLite are available for obtaining additional features and connectivity, including database interfaces, SAP, Oracle, and other ERP integrations. Data interfaces include USB 2.0 and wired Ethernet.

Maintenance is minimal, limited mostly to keeping the machine's interior clear of dust generated during the digital die-cutting process. Laser diodes and fibre-optic couplers have a long life and are replaceable if ever needed.

## Technical Specifications

Scan the QR code to see all technical specifications & more information or visit our website [dtm-print.eu](http://dtm-print.eu)



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