



INTRODUCING THE XYMARK VECTORWRITER:
EXTREME PERFORMANCE



THE XYMARK VECTORWRITER FROM LINX MORE THAN JUST A LASER CODER

When you see the Xymark VectorWriter in action, you will realize that you can do more than simply apply batch codes, 'use-by' dates and serial numbers to your product packaging:

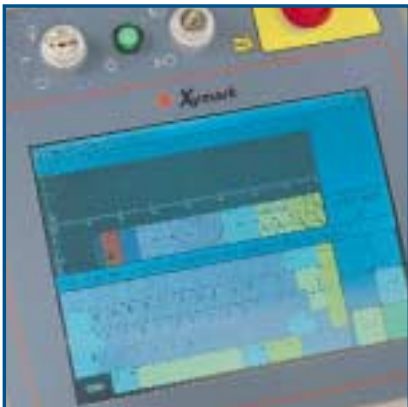
- you can now add graphics and logos, including scanned images, to a maximum size of 180 mm x 100 mm (7" x 4")
- match the style of your variable information to the style of printing on your pre-printed packaging
- reduce the proliferation of pre-printed packaging by printing fixed and variable information on-line
- print on stationary products as well as on products moving at production line speeds
- all at a lower cost than the more elaborate YAG laser installations traditionally used for this task

THE XYMARK VECTORWRITER

EXTREME PERFORMANCE

The Xymark VectorWriter is based on proven laser technology and components – developed for exacting medical and scientific applications and applied in the world-leading Xymark industrial dot matrix lasers. The VectorWriter further refines this technology.

- state-of-the-art sealed CO₂ slab laser technology for a powerful high-quality laser beam and an industrially proven long life
- latest galvanometer technology to deliver high performance printing on static or fast-moving products
- high-powered pulsed industrial CO₂ laser – 110W peak power – for printing at high speeds and marking difficult substrates such as HDPE, glass and calcium carbonate board
- adjustable laser energy – easy to switch from marking delicate materials such as packaging films to marking more difficult ones such as glass
- large uniform depth of field for a crisp and consistent print across the entire marking area, even on curved items
- legendary Xymark durability for minimal maintenance and near 100% up-time



As with dot matrix laser coders, the message or image to be printed is programmed via the VectorWriter's integral keyboard. Microprocessors convert it into a series of short lines (vectors) and synchronize the ultra high frequency pulsing of the laser with the control of two galvanometers which track the product and move the beam in the X and Y directions. The resulting code is a number of continuous lines or marks made up of a series of short vectors.

THE XYMARK VECTORWRITER

EXTREME FLEXIBILITY



Xymark lasers are designed for 'roll up and run' operation and supreme reliability in harsh production environments.

- compact mobile cabinet for easy maneuvering into tight production spaces
- rugged articulated arm allows coding to take place in any orientation
- compact coding head – smallest among industrial vector writers – fits readily into restricted spaces
- innovative color touch-screen user interface with WYSIWYG display for easy programming of messages
- rugged IP65-rated stainless steel enclosure excludes ambient air and withstands wash-downs
- water-to-air heat exchanger with sealed coolant system for high reliability and high duty cycle

THE XYMARK VECTORWRITER

PERFORMANCE OVERVIEW

	VW50
Mark field (standard)	90 mm x 50 mm (3.5" x 2") (Smaller and larger fields available as options)
Number of lines of text (max)	35
Print orientation	vertical or horizontal
Character type	high quality vector fonts
Available fonts	27
Peak power	110 W
Characters/sec (max)	500
Line speed (max)	250 m/min (820 ft/min)
Coding capability	moving or stationary
Environmental protection rating	IP65



THE XYMARK VECTORWRITER

EXTREME CONFIDENCE

When you buy a Xymark VectorWriter you can be confident that we will support you at every stage – from initial enquiry through to specification, installation and maintenance.

- specially trained sales engineers to advise you on the best solution for your coding needs
- sample service and on-site demonstrations and trials
- advice on the design of guarding, extraction, remote interfacing and accessories for your application
- assistance with the integration of the system into your production processes
- installation of your Xymark VectorWriter to your requirements
- training your operators to use and maintain your printers safely and efficiently
- maintenance and service contracts to ensure that your coding system remains in first class condition

THE XYMARK VECTORWRITER EXTREME ACCESSIBILITY



To see the Xymark VectorWriter in action, simply call us. We will be pleased to arrange a print sample, demonstration or trial. It normally takes less than 1 hour for our sales engineer to set up and demonstrate a laser system on a production line.

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MP41065



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