



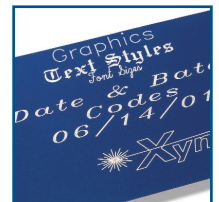
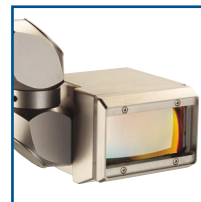
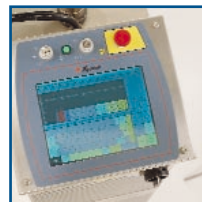
# Xymark VW50

## STEERED BEAM LASER SYSTEM

Xymark VectorWriters from Linx combine the latest advances in laser and optical component technology with the Xymark heritage of supreme reliability and robustness. The result is a steered beam laser system capable of producing consistently high quality printing in the most demanding production environments.

The Xymark VW50 uses a 110W laser and dual galvanometer beam scanning to deliver high performance printing of variable information on a wide range of materials, both moving and static. Finely controllable laser power allows delicate materials to be coded at slow speeds, while difficult-to-mark materials can be marked at speeds not previously possible. The system can generate 500 characters per second and print at speeds up to 250 m/minute depending on substrate.

The Xymark VW50 is easily programmed via a colour touch-screen keyboard and display. With its 90 x 50 mm print area and choice of 20 scaleable fonts, the system can produce up to 25 lines of alphanumeric text and intricate graphics, making it possible to print both fixed and variable information on packaging materials on-line.



## Dimensions



# Xymark VW50

## Performance characteristics

maximum number of characters per second	500
maximum line speed (substrate dependent)	250 m/min
mark field	90 mm x 50 mm
message/character height	up to 45 mm
spot size	0.2 mm
maximum number of lines of text	typically up to 25
high-quality vector fonts	20
coding capability	stationary or 'on the fly'

## General features

touch-screen with soft input panels for data entry	•
10.4" (266 mm) backlit colour LCD display	•
multiple operating languages	choice of English + French, German, Italian, Spanish, Dutch, Portuguese, Swedish, Japanese, Chinese (as available)
comprehensive systems diagnostics including log function	•
memory storage	1000 codes
password protection (multi-level, user configurable)	•
dual galvanometer character generation	•

## Programming and printing facilities

real time with offset	•
date stamp with offset	•
Julian date with offset	•
custom date and time formats with offset	•
shift code with time increment	•
shot count (current code)	•
increment/decrement (batch count)	•
last code used	•
unit measurement (imperial and metric)	•
graphics download capability	•
user definable graphics (basic shapes)	•
continuous print	•

## Interfacing

RS232	•
PCMCIA (internal – for software updates)	•
good mark output	•
bad mark reject	•
remote Emergency Stop	•
remote toggle	5 inputs
remote update	•
shaft encoder input	•

## Physical characteristics

stainless steel mobile cabinet with castors	•
dimensions	350 mm (W) x 510 mm (L) x 1200 mm (H) 14" (W) x 20" (L) x 48" (H)
weight	134 kg (299 lbs)
environmental protection rating	IP65
articulated arm material	Niflor 3000 coated aluminium
arm reach	1200 mm (48") in horizontal plane
articulated arm support (guard mounted)	•
articulated arm support (pedestal mounted)	Optional
beacon	Optional
cooling	integral closed loop (water to air)
power supply type	1 board FET (solid state RF)
electrical requirements	110-120 and 200-240 V single phase, +/- 10%; 50/60 Hz
maximum power consumption	1.4 kVA
dual detector lockout	•

## Laser details

sealed RF excited CO <sub>2</sub>	•
peak power	110 watts
beam safety shutter	•
gas consumption	nil
tube warranty	2 year parts

## Environmental details

ambient operating temperature	5 to 35°C
storage temperature	-10 to +70°C
humidity range (relative humidity, non-condensing)	10-90%

## Regulatory approvals

CE Mark	•
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MP41047



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