

Easy-to-use, Flexible-to-integrate, High-speed 30-watt Laser Marker

- **High quality, consistent, crisp marking – through superior high-speed technology**
- **More information at high speed – multi-line text, machine-readable codes, graphics**
- **Easiest integration - flexible standard components**

The Videojet 3320 laser marking system delivers high resolution marks on a wide range of products such as packages (labels, glass and plastic containers, tubes, cardboard cartons, etc.), plugs, switches, sensors, electrical appliances, profiles and door/ window sealings.

This laser marking system is well-suited for applications in the food, beverage, pharmaceutical, cosmetics, automotive, electronics and extrusion markets.

The Videojet 3320 system is easy to operate via a handheld control or external devices. The intuitive software allows for quick and easy job edits



Cartons



Glass Container



PET Bottle

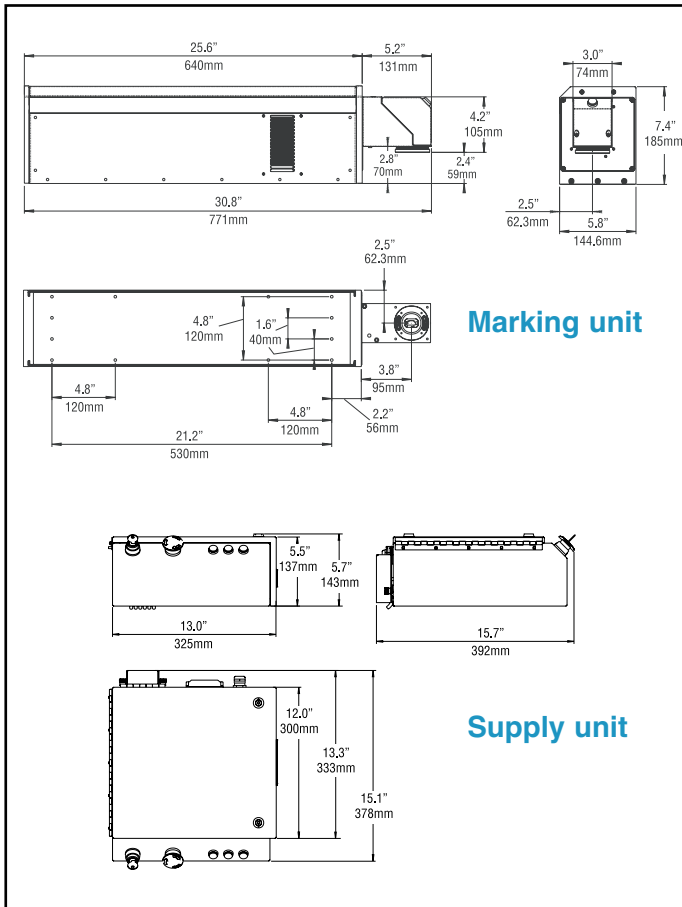


Sensor Housing, Plastics



Car Door Profile, Rubber

Dimensions



MARKING FEATURES

Marking Speed

- Up to 1,300 characters/sec. (application dependent)

Line Speed

- Up to 50 feet/sec. (15 m/sec.) (application dependent)

Marking Field

- Marking stationary products: from 1.7 x 1.7 to 7.0 x 7.0 inches² (44 x 44 to 177 x 177 mm²), and options
- On-the-fly marking: max height from 1.7 to 7.0 inches (44 to 177 mm), depending on focus options

Marking Formats

- Standard industrial fonts (Type 1 Windows®, TrueType®)
- Machine readable codes (OCR, 2D-matrix, etc.)
- Bar codes: BC25, BC25I, BC39, BC39E, BC128, EAN128, EAN13, UPC_A, RSS14, RSS14 Truncated, RSS14 Stacked, RSS14 Stacked Omnidirectional, RSS Limited, RSS Expanded, etc.
- Graphics, logos, symbols, etc.
- Linear, circular, angular, reverse, rotate
- Sequential and batch numbering
- Automatic date, time, shift coding, real-time clock function

Specifications

LASER

Laser Tube

- Single sealed CO₂ laser, power class 30W

Beam Deflection

- Steered beam with digital high-speed galvanometer scanners

Focusing

- Precision lens system
- Focal length 2.5 / 3.75 / 5.0 / 7.5 / 10.0 inch (64 / 95 / 127 / 190 / 254 mm), options

HANDHELD CONTROLLER

- Ethernet-enabled graphic remote control
- Fast and intuitive code setting, system configuration and operation
- Status and alarm indication with troubleshooting messages
- Excellent display readability

SOFTWARE

Smart Graph

- Graphical user interface under Windows® 2000/XP for intuitive and quick generation of complete marking jobs on external PCs
- Full feature text/data/graphics/parameter editor
- Easy access to standard CAD and graphics programs by convenient import functions
- WYSIWYG
- Multiple security levels with configurable user rights, password protected

Smart Graph Com

- ActiveX communication interface to PC networks, digital I/O subsystems

Language Capabilities

- Selectable, permanently installed: English, Chinese, French, German, Italian, Japanese, Spanish and options

Remote Communication

- Ethernet for PC networks, USB
- Optional RS232/422 CAN, Profibus
- Shaft encoder input
- Bar code reader input
- More than 100 input/output ports for start/stop signal, machine/user interlocks, product detectors, digital direct selection of jobs (up to 256 within less than 10 ms), etc.
- Customer specific solutions

UTILITIES

Electrical Requirements

- 85-240 V (autorange), ~50/60 Hz, 1 PH, 0.70 kW

Cooling System

- Air cooled

Environment

- Temperature range 40-105° F (5-40° C)
- Humidity 10%-90%, non-condensing

Sealing and Safety Standards

- IP54, optional IP65; LASER CLASS 4 product

Weight

- 78 lbs. (35 kg)



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