

Videojet® 3010

Laser Marking System

Laser.

Ink Jet.

Thermal Transfer.

Labelers.

Track & Trace.

Supplies.

Parts & Service.



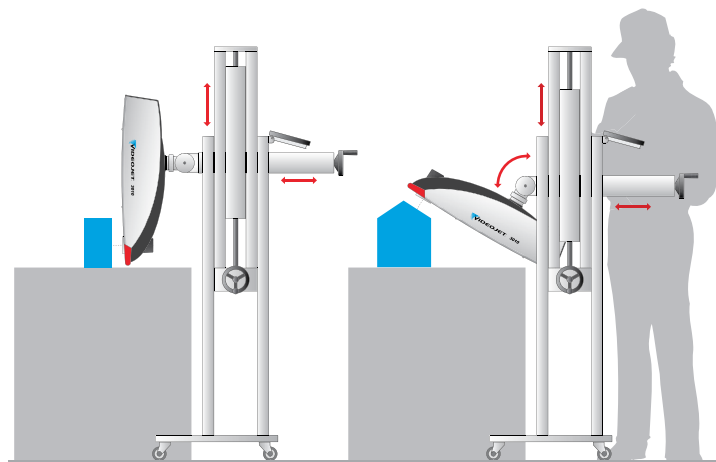
Simply easy. Conveniently compact. Absolutely affordable. The new Videojet 3010 (10 Watt) laser coder is the most compact, easiest to operate and most cost-effective low maintenance CO₂ laser coding system available. Perfect for simple marking and coding applications on paper labels and cardboard boxes in the consumer packaged goods markets, and ideally suited also for industrial products applications on various other materials.

The small and compact all-in-one solution

- One-box design for easy and fast installation
- Shortest and most compact unit on the market
- At 7kg the lightest system on the market

The easy to install and redeploy solution

- 30min. for mechanical setup; 20min. for line change
- Mobile stand for flexible installation
- Smart system components: product detector, focus finder for one-shot adjustment of working distance
- 30% larger working distances compared to conventional systems



Quick start and easy operation

- Simple and intuitive operator interface on the Touch Control handheld for maximum ease of use
- Only 30min. for application setup and job creation
- Straightforward line setup from select box menu and preview window
- Automatic detection of encoder and product detector, which are ready-to-use from the start

VIDEOJET®
Uptime Peace of Mind®



Marking Fields (see graphic for marking field sizes)

	3 Focusing Lenses		
Working Distance/mm	80	128	179
Focal Length/mm	100	150	200

Marking Formats

Standard fonts: Simplified Chinese, Western European
 Machine-readable codes: ID matrix, bar codes
 Logos/ symbols (pixel-based, vector-based)
 Graphical elements (ellipse, rectangle, polygon)
 Variables (serial numbers, text, date, time, shift code, GS1)

Speed (depending on the application)

Line speed: Max. 1m/s (60m/min)

LASER MARKING SYSTEM COMPONENTS

Standard Configuration

Laser Marking Unit: (includes laser, digital high-speed galvanometer scanners, one lens with lens protection, controller, I/O panel, built-in keypad, power supply, connectors, lamps, switches, focus finder to adjust working distance); Laser Beam Orientation: 90-degree beam exit
 Product Detector
 Touch Control Unit: user interface

Options & Accessories

Mobile stand; Beam shield; Exhaust unit; Encoder; Fiber optics photocell; Touch brackets; Mounting brackets

Laser

Sealed CO2 laser, power class 10 Watt
 LASER CLASS 4 product (acc. to DIN EN 60825-1:05/2008)
 Central emission wavelength: 10.6 µm

Integration

Stand-alone solution when optionally available stand is utilized
 Usage without stand: direct integration into production lines via mounting brackets

USER INTERFACES

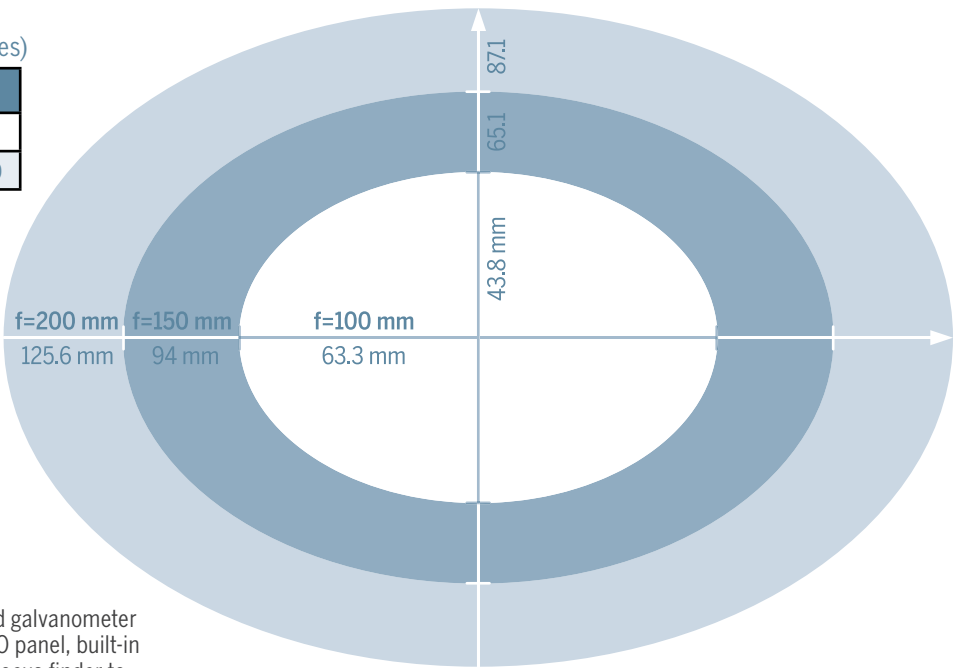
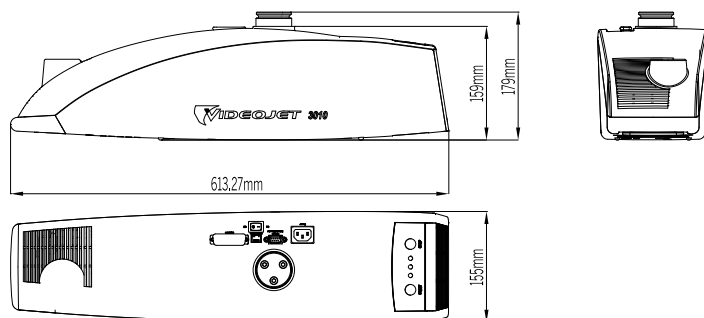
Touch Control Unit

PC based; communicating with the marking unit via Ethernet
 USB interface on touch screen for data exchange
 Configurable in English, Simplified Chinese, Spanish, Portuguese (Brazilian), Korean

Built-In Keypad

Start and stop keys; LED indicators for status, laser emission, error

Marking Unit Dimensions



Marking fields graphic: actual size

SOFTWARE

Touch Control Software

Easy-to-use graphical touch screen user interface under Windows® for the intuitive and fast preparation of marking jobs, easy line setup, easy print parameter setup and system configuration
 Creation and editing of jobs; Vertical/ horizontal adjustment, rotation and scaling of marking contents and intensity variations
 WYSIWYG
 Various password-protected security levels

Communication

Inputs for encoder and product detector
 Digital I/Os for start, stop, interlock, shutterlock, ready, error, shutter locked

SUPPLY

Electrical Requirements

100 to 120 V/ 200 to 240 V, autorange; 1 PH, 350 VA, 50/60 Hz

Environment

Dust protected, internally air-cooled
 Ambient temperature: 5° to 40° C (up to 45° C with reduced duty cycle)
 Humidity range: 10 - 90 %, non-condensing

Approximate Weight

Marking unit – 7 kg

RoHS conform



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