



## Professional Packaging Systems

2010 S. Great Southwest Parkway  
Grand Prairie, Texas 75051  
[www.ProPac.com](http://www.ProPac.com)

## Contact

Our Packaging Experts  
[solutions@propac.com](mailto:solutions@propac.com)  
888-318-0083

# Markem-Imaje SmartLase C150 & C350 Laser Printers



## At a Glance

- Excellent code quality similar to that of pre-printed packages
- Industry-leading reliability minimizes line stoppages
- No contamination to edible products as there are no chemicals used

## Pricing

Call us at 888-318-0083

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

## Permanent, Crisp, Clear and Traceable Codes with No Chemicals

Markem-Imaje SmartLase C150/350 laser printers deliver permanent, crisp, clear and traceable codes in medium to high speed packaging lines.

## Advantages

**60,000 Hours MTBF** Industry-leading reliability minimizes line stoppages (100,000 hours MTBF for fiber laser source).

**Time-Saving Aiming Diode** Minimize waste, shorten changeover times and expedite code adjustments even on small areas like bottle necks.

**99.9% Uptime** Even at high duty cycles in very hot and humid conditions with Intelli'Cool technology.

**Up to 150,000 Products per Hour** Excellent code quality – similar to that of pre-printed packages – at high speed through Intelli'Arc.

**Permanent Codes** Resistant to rubbing, scratching and humidity for full code traceability secured across entire product life.

**Hassle-Free Maintenance** Modular designs and range of service level agreements (SLAs) minimize maintenance-related downtime.

**Robust Design** Models have at least IP55 ratings (with IP 65 options) for protection from most dust, debris and water. F200 has IP44 rating.

**Food Safe** No contamination to edible products as there are no chemicals used or volatile organic compounds generated.

**Operator Safe** Powerful fume and particle extraction systems removing up to 1,000 m<sup>3</sup> /hr (per hour).

## SmartLase C150 & C350

For intermittent and continuous lines, the SmartLase C350 30-watt CO<sub>2</sub> laser coder addresses diverse medium and high speed applications requiring complex codes. For low speeds the SmartLase C150 10-watt version is the lower cost solution.

### Key Benefits

Flexibility to code in various packaging positions and orientations.

### Key Features

Wavelength of 10.6 μm providing the flexibility to code a wide range of surfaces.  
Print at speeds up to 2,100 characters/s (per second).

### Substrates

Inked boxes  
Glass  
Paper labels  
Films

## SmartLase C150S & C350S

The SmartLase C350S 30-watt CO<sub>2</sub> laser coder is designed for high speed PET beverage production and provides crisp codes even in wet environments. SmartLase C150S is the 10-watt CO<sub>2</sub> option for medium speed lines.

### Key Benefits

No risk of perforation even on lightweight PET bottles.  
Qualified for integration into the fastest filling and blower machines (Krones, KHS, Sidel Super Combi).  
Replaces 50 to 60-watt lasers reducing energy costs.

### Key Features

Optimal wavelength of 9.3 μm for PET bottles and sleeves.  
Protocol specifically optimized for high-speed bottling lines, e.g. Krones Checkmat, to enable advanced traceability requirements for such lines.

### Substrates

PET bottles & sleeves

## SmartLase C350L

The SmartLase C350L laser coder is engineered to meet the needs of medium and high speed food and confectionery flow wrap and pouch applications.

### Key Benefits

Sharp and perfect character shape without damaging laminate top layer.  
No risk of perforation on flexible films thanks to advanced and unique laser settings (non-crossing and dot matrix fonts).  
Coding and scoring for easy open pouch applications.  
Small characters (down to 1.5 mm) that are easy to read in multiple line codes on narrow spaces.

### Key Features

Optimal wavelength of 10.2 μm for films and laminate boxes.

## Substrates

Flexible packaging  
Glossy laminated boxes

## SmartLase C350 BOU, LBOU, SBOU

The SmartLase C350 BOU 30-watt laser coder family offers a flexible beam delivery solution for medium to high speed food and beverage applications along with easy integration into complex packaging machine areas.

### Key Benefits

No risk of piercing even on lightweight PET bottles.  
Integrates into standard labelers: Kronen, Sidel, KHS.

### Key Features

Optimal wavelength of 9.3  $\mu\text{m}$  for PET bottles, 10.2  $\mu\text{m}$  for plastic labels and 10.6  $\mu\text{m}$  for paper labels.  
Code up to 45,000 bottle labels/hr on the fly or up to 130,000 pre-labeled bottles/hr.  
Large choice of BOU (Beam Orientation Unit) tube lengths.  
- BOU anchor tube: 342 and 142 mm - Extension tube: 190 and 80 mm  
Specific Kronen S BOU to fit into latest Kronen Checkmat generation.

## Substrates

Pouches  
Labels  
Flexible packaging  
PET bottles & sleeves

Please [contact Pro Pac](#) or call 888-318-0083 for your printing and date-coding equipment.