Flexible.
Dynamic.
Economical.

LEIBINGER
Coding and Marking Systems

JET ONE



Your entry into
the premium class.

JET ONE

Leibinger's continuous inkjet technology has long been considered the most flexible, versatile and economical way to mark products. As the CIJ print head does not come into contact with the surface of the product, it offers unlimited opportunity to code virtually in any environment, on any substrate and on any product, even from any direction.

With the JET One, CIJ makes total sense for even more applications. Why? Because the JET One offers you everything Leibinger stands for: the best product quality at an attractive price and the highest level of reliability. It offers you all the features you need to run your production more efficiently than ever.



CIJ

More flexible than ever.

Leibinger's continuous inkjet technology is the future: technically superior and suitable for any budget.

Take advantage of entirely new possibilities.

- A coding system for any industry, product or substrate
- Sealtronic print head technology eliminates clogging and the need for frequent head cleaning
- High performance general purpose ink offers unrivaled performance with fast drying multi-purpose ink (< 1 second)
- Easy setup on your production line



LEIBINGER

Everything you need.
Nothing that you don't.

JET ONE



01
Performance and quality

JET One marks all conceivable products and materials, e. g. plastic, glass, wood, metal, ceramic, technical composites, cardboard and paper – without contact, and with fixed and variable data – such as use-by dates, LOT/batch numbers or even graphics. Different product surfaces – whether convex, concave, rough, smooth, flat or relief-molded – pose no challenge at all for the JET One. It uses a specially developed black ink that dries in less than a second. It can print up to two lines in different fonts and languages – also in special fonts or chimney marking, with adjustable font height and width, as well as in multi-level contrast and boldface. Precision drop placement, at a line speed of 268 m/min at 10 cpi.

02
Simple and efficient

Fonts and graphics can be combined freely with the JET One, and three-shift codes are also easy to apply. Moreover, not only date and time functions but also counters, consecutive numbering and meter markings can be individually coded and programmed. Add to this practical features such as automatic use-by date, dynamic reverse printing for traversing lines, and a stop function that kicks in once the pre-selected quantity has been reached. You can control your JET One via a built-in 5.7" color touchscreen with a Windows-based user interface, including user-defined buttons for direct access. It handles job creation and editing on the one hand. And on the other, its comprehensive diagnostic package specifically helps you make your processes more efficient. Always state-of-the-art thanks to free software updates.

03
Practical and flexible

The JET One offers common digital inputs and outputs, as well as a USB interface. And the compact print head with its stainless steel housing makes mounting easy – in any position, even for printing vertically. Thanks to the entirely self-sufficient Leibinger hydraulic concept, no external compressed air is required. It eliminates the need for maintenance-intensive, continuously operating gear pumps. In contrast, our low-maintenance diaphragm pump is only triggered at optimized intervals and remains thermally isolated from the electronics unit. Fully automated viscosity and pressure controls give you the reliability and constant quality you would expect from a Leibinger solution.



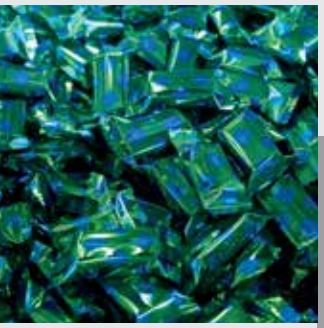
LEIBINGER

Just the way you want it – only better.

Nowadays, all manufacturers are confronted with increasingly stringent requirements for correct, consistent and legally compliant product coding. Without reliable CIJ technology and a system that's easy to use and operate, this could quickly create significant challenges in your operation.

On the one hand, codes and messages become more complex in order to facilitate the desire to communicate more information through the supply chain. On the other hand, the financial impact and damage to your brand reputation as a result of incorrectly or inconsistently coded product has increased significantly. The JET One intelligently addresses both challenges.

The JET One is primarily positioned to meet the needs of customers in the food, beverage and consumer goods sectors. And the reliability of our Sealtronic print head technology makes the JET One a perfect fit for both continuous, high volume as well as seasonal applications in these markets. Regardless of industry, product or substrate, the JET One gives you the performance and reliability you need so you can focus on your business.



Uniquely reliable

Outstanding German engineering and a two-year warranty: peace of mind, knowing you made the right decision.

Two lines of print, plenty of speed and a high-performance black ink. Supported by our Sealtronic print head technology and our tried-and-tested hydraulic system, the JET One offers you the highest level of productivity for years to come.

Great perspectives



The JET One will take the headache out of product coding so that you can concentrate fully on your core business.



Suits every budget

A premium quality product for an attractive price. Benefit from unrivaled coding quality in your operation.

Standards met

You expect the best for your business. Why accept anything less for your coding equipment?

All-round high performance

Whether your product surface is flat, curved, irregularly shaped or flexible. The JET One produces crisp and perfectly legible codes.



CIJ redefined

In its price range, the JET One is the best and most flexible solution for both porous and non-porous materials.

Made in Germany

For virtually any application

Suitable for a wide variety of applications and industries, the JET One fits perfectly into your production environment, while being easy to maintain and service.



Get started now

Isn't it time to get this top performer working for you? It's a decision you won't regret.



LEIBINGER

Where others make promises. Sealtronic delivers.

JET ONE

Equipped with the automatic Sealtronic nozzle sealing system, the JET One is ready to print in just a few seconds and always starts with a clean print. This unique technology is the only reliable way to eliminate clogging of the nozzle – even after prolonged coder idle time. Time-consuming and labor-intensive head cleaning cycles or daily maintenance are eliminated. Productivity loss as a result of coder downtime is a thing of the past!

With Sealtronic, ink inside the nozzle is no longer exposed to air. The ink simply remains liquid, just like paint in a tightly sealed paint can. This effectively eliminates the drying of ink inside the nozzle and clogging of the system. Because the ink stream remains pressurized behind the nozzle seal, we eliminate the typical spraying of ink on sensitive electronics inside the print head on start-up. In non-Leibinger systems, this occurs as a result of rapid pressurization of the ink stream on start-up and can lead to quickly deteriorating code quality and the need for regular cleaning.



Shut-down

The ink return line, or gutter, is automatically retracted into the nozzle when the printer is switched off, creating a hermetically sealed, air tight circuit.

100 % protection against clogged nozzles!

Start-up

With the nozzle seal in place, the ink stream remains pressurized. The ink gutter moves into its open position and within seconds, the system is ready to print.

Immediate start-up with consistent print quality!









LEIBINGER

Why wait?
Get started now.

JET ONE

For industrial applications, the JET One also offers significant benefits. As the system is based on Continuous Inkjet technology, it's throw-distance (the distance printing ink can travel from the print head to your product, while still producing a crisp and legible code) allows for significant application flexibility and easy line changeovers.



Curved, irregular shaped or flexible substrates are no match for the JET One. This in contrast to, for instance, Thermal Inkjet coders that require exact and consistent position, often millimeters removed from a product traveling on a conveyor. The JET One solvent-based ink dries instantly, which avoids the risk of smudging or the accidential damaging of the code by hand or other packaging equipment.



Expect a lot, get even more.

01
Hi-tech made in Germany

Decades of experience and expertise in continuous inkjet technology have gone into the JET One. The product is 100 % developed and manufactured in Germany, which can be seen in the industrial design of the print head and the high-quality stainless steel housing. State-of-the-art hardware and software make it a true premium product.

02
Hand in hand with production

An user interface is like a joke; if you have to explain it, it's no good.. Leibinger's JET One interface combines intuitive controls with incredible power under the hood. From simple messages to variable components and graphics, the touch screen's Job Editor offers you everything you need. Microprocessor-supported, it enables an unlimited number of print jobs to be created during ongoing production and saved for later reuse.

03
Sustainable and consumption-efficient

The separation of hydraulic and electronic cabinets reduces energy consumption since it eliminates the need for air filters and ventilation. Separated from the electrical components, the hydraulics remain cool which significantly reduces solvent consumption. In case of routine maintenance, the component-based architecture allows you to only replace small wear parts, rather than expensive cores or assemblies.

04
A promise is a promise

Code from any position and in any direction – forward, backward, mirrored or even rotated, the JET One is ready to take it on. So what are you waiting for? Leibinger's world-famous quality, an affordable price, a 24-month warranty, eight years of spare parts availability and an unlimited free software update service make your decision easy.









LEIBINGER

At home
all over the world.

JET ONE



International expertise

More than 150 sales and service partners around the world specialize in continuous inkjet printers, numbering machines and camera verification systems from Leibinger.

A consistent focus on the customer

Thanks to this extensive world-wide partner network, Leibinger offers you personalized advice and flawless service. No ifs and buts. And for the entire service life of your machine.

Partnership at its best

Directly via our worldwide network, we will be happy to provide you with consumables as well as original brand-quality replacement parts – to ensure smooth operation at all times.

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