

DTM LF140e and OKI Pro 1050 – a perfect solution for producing high-quality labels

DTM Print, international OEM and solution provider for specialty printing systems, is known for offering products that make it easy to produce high-quality labels for all kinds of applications and markets. The company now offers with the new digital finisher DTM LF140e and OKI's Pro1050 Label Printer a complete solution for on-demand production of small and medium label runs.

The DTM LF140e is a compact system for simple, fast and cost-efficient label processing on-site. It can be used to handle all the operations involved including unwinding the pre-printed rolls, laminating and digital contour cutting, waste matrix removing, slitting and rewinding the finished rolls. Noteworthy is the optical black mark registration through an integrated camera and LED spotlight, which guarantees an accurate repetitive precision even with complex cuts.

In addition, the control unit of the DTM LF140e really stands out. With the integrated 11.6" touch screen all functions and processes can be controlled. Also included are numerous connections such as USB, Ethernet and also WLAN connectivity for accessing external cutting jobs.

The DTM LF140e offers manufacturers of high-quality product labels a number of advantages:

- **Borderless output:** the production of labels with full bleed has been a challenge up until now, as many roll printers do not support it. Now it is no longer necessary to pay attention to a precise label edge when printing in full bleed, nor is it necessary to set up a minimum distance between labels.
- **Time and cost savings:** producing short runs of labels in-house means reducing storage space and costs. There is also no need to order pre-cut label rolls.
- **Resistance of the labels:** lamination increases the durability of the labels. Any paper material, whether inkjet or dry toner based, can be coated, eliminating the need for special durable label materials.

Pre-printed rolls with a media width between 100 mm (3.94") and 140 mm (5.51") and a maximum roll diameter of 200 mm (7.87") can be processed making it the ideal addition for all types of roll printers, such as toner-based LED printer OKI Pro1050.



OKI's Pro1050 Label Printer is based on LED technology, can print in five colours (CMYK + W) and handles medium to large runs of colour labels on demand. With the unique fifth colour option "white", the Pro1050 sets new standards in creativity in its class.

Similar to laser printers the OKI Pro1050 uses a dry toner electrophotographic process to develop the image on a light sensitive drum which is transferred by electrostatic charge via an image transfer belt and fused by heat to the media. This technology produces labels that are waterproof and UV resistant.

In comparison to traditional laser printers, where the image is created by a rotating laser beam, the OKI Pro1050 uses static LED lines which means lower maintenance and longer lifetime cycles. LED print heads deliver a precise pixel setting for crisp and brilliant labels.

Print engines with LED technology require less space as there are no rotating parts or

optics necessary, making the printer smaller, environmentally friendly and energy efficient, using significantly less raw materials in the manufacturing process.

For printing white only or white with colour on transparent or coloured labels customers can choose either from standard materials or the wide selection of DTM certified Genuine Label Stock for dry toner: starting with matte and glossy papers extending to transparent, matte and glossy polyester films as well as special coatings such as textured or silver, gold, black and other coloured materials.

The printing and finishing solution of the OKI Pro1050 and DTM LF10e produces labels that are waterproof and UV resistant with an excellent realistic print quality.

The DTM LF140e comes to the customer as a completely assembled and pre-installed system.

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