



MARKING EQUIPMENT

Application Note no. **13**

Printed rather than bonded

WÜRTH RELIES ON PACKAGING MARKING WITH THE *jetStamp*® 1025

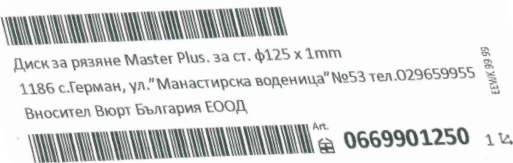


Würth group is a globally active specialist for assembly and attachment materials. The group is represented in more than 80 countries, with more than 400 companies across all five continents, supplying small crafts operations as well as large industrial ones. Functional logistics are indispensable.

Therefore, Würth uses the mobile *jetStamp*® 1025 inkjet printer from marking specialist REINER in its logistics centre in Sofia.

The Bulgarian capital city of Sofia is the home of a Würth logistics centre where bulk goods packages are used to sort small parts coming right from production, such as screw nuts, and portion them for customers and trade. For this, the goods are packed in boxes compliant with trade needs. An intact logistics chain requires precise marking of the packaging. For Würth, this means a barcode, text elements in Cyrillic script, and usage-specific symbols. Conventional marking with labels was previously used. The four stationary printers were located at the front of the goods storage.

Therefore, the employees would have to cover that distance, in the worst case even several times. This complicated situation led Würth to go looking for optimisation. They contacted marking specialist REINER from Furtwangen, who was able to answer the request immediately and present the ideal solution with the mobile inkjet printer *jetStamp*® 1025.



All in one:
mobile, ERP-compatible,
economically efficient and
sustainable

The *jetStamp*® 1025 marking device simplifies the processes in the Würth logistics centre, benefitting the whole chain. Entirely without cables or a fixed location, the flexible inkjet printer may be used right at the packaging station, or wherever it is needed. This improves the employees' working conditions and ensures a noticeable increase in efficiency. Once charged, the battery can

complete up to 1,000 imprints. Printing is possible on various surfaces – currently on cardboard, but in future also on plastic canisters and painted metal barrels. A print speed of less than 0.9 s/imprint supports the efficiency of the REINER *jetStamp*® 1025.

Additionally, it was necessary to establish a connection with the internal Dynamics ERP system. Material demand is planned via the ERP and must ensure that all components are available in the right location, at the right time and at the right quantity.

The REINER *jetStamp*® 1025 meets these requirements, since it can be integrated into any Windows-based ERP programme, goods management system or barcode label software (individual label programming by the customer may be necessary). The integrated display shows the currently set print image, so employees can always monitor the process easily.

Economic efficiency of the marking device: The ink level of the first print cartridge is still at 75% even after two months of use. The low consumption does not reduce print quality, since the print resolution of 300 dpi ensures a clear print image that can be easily read. Waste is also reduced because neither labels nor carrier material are needed; this protects natural resources, and is therefore environmentally friendly.

Time-intensive training of employees is not necessary. Due to the easy handling of the marking system, Würth was able to easily implement the marking device into its processes.

Benefits at a glance:

- Mobile – use directly at the packaging place
- Efficient – journeys to the label printer are removed
- Economic – low ink consumption, despite frequent use
- Profitable – much lower operating costs than the label printer
- Sustainable – direct print makes labels unnecessary

