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Modularised labeller with numerous digital features

Precut labels with cold or hot glue, reel-fed pressure-sensitive and wrap-around labels – The Ergomodul is especially well-known for its flexibility. That is because this modularised labeller can be equipped to handle the entire range of labelling options, to suit every beverage producer’s individual brand image. At its core is an ergonomically optimised design. For instance, a carousel without columns and automatic docking stations enable staff to freely access the Ergomodul from all sides and to easily replace its labelling stations. What’s more, Krones constantly strives to further simplify the handling routines for its customers’ operators.

Digital tools for more user-friendliness

The basic machine itself features the latest version of the MultiGuide Base clamping starwheel whose top row of clamps is height-adjustable. That provides extra flexibility, particularly for sparkling-wine, spirits and wine bottles as well as for specially shaped bottles with a long neck, and substantially speeds up change-over routines. But besides design updates, it is above all the digital solutions that render the operators’ work a whole lot easier. For example, the machine’s container table features the latest generation of DTS7 servomotors with a GoreTex membrane. These motors include sensors which on request directly transfer data to linked-up digital systems. Krones’ cloud services can be used to analyse these component data over an extended period of time, which reduces the risk of unplanned standstills.

And the options provided by digital networking benefit beverage producers – their operating staff, in particular – not least as far as the complement of station features is concerned: For example, integrated sensors can be used to exactly determine how many labels are held in readiness at the station. Once the number of labels remaining drops to a specified level, operators are informed via the touchscreen and – if the system has been linked up to Krones’ cloud services – also via their mobile terminal, prompting them to top up the labels in good time.

There are also digital FAQ-based step-by-step instructions specifically for the Autocol TS station for reel-fed pressure-sensitive labels that facilitate the process of changing over to a different label. Directly at the Connected HMI, operating staff will find both written step-by-step instructions and pictures showing the places where the most important manual work must be done.

The subjects of human engineering and digitalisation epitomise Krones’ innovative vigour. They both help beverage producers reduce complexity in their day-to-day operations and thus upgrade efficiency levels.

Fig.:Ergomodul-20220914.jpg  
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