

36.000

p/h

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Set-Point Output



Connected HMI

The window to the machine

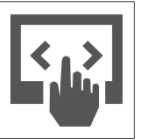
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The focal point between the user interface and the machine

Easy, flexible and safe: With the new Connected HMI platform, KRONES is setting benchmarks in terms of technology, usability and consistency. The interface between user and machine – in short HMI – also makes sure that both parties can communicate with each other within a split second.

At a glance

- Connected: maximum degree of networking between the machines and connection to superordinated IT systems
- Secure: powerful against attacks through firewalls and most modern IT security technology
- User-friendly: clear and innovative navigation structure for intuitive operation
- Clean: Hygienic design thanks to the combination of stainless steel and glass



reddot

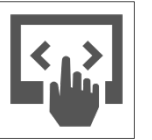


DESIGN
AWARD
2018



GERMAN
DESIGN
AWARD
WINNER
2019





The operator station for the future

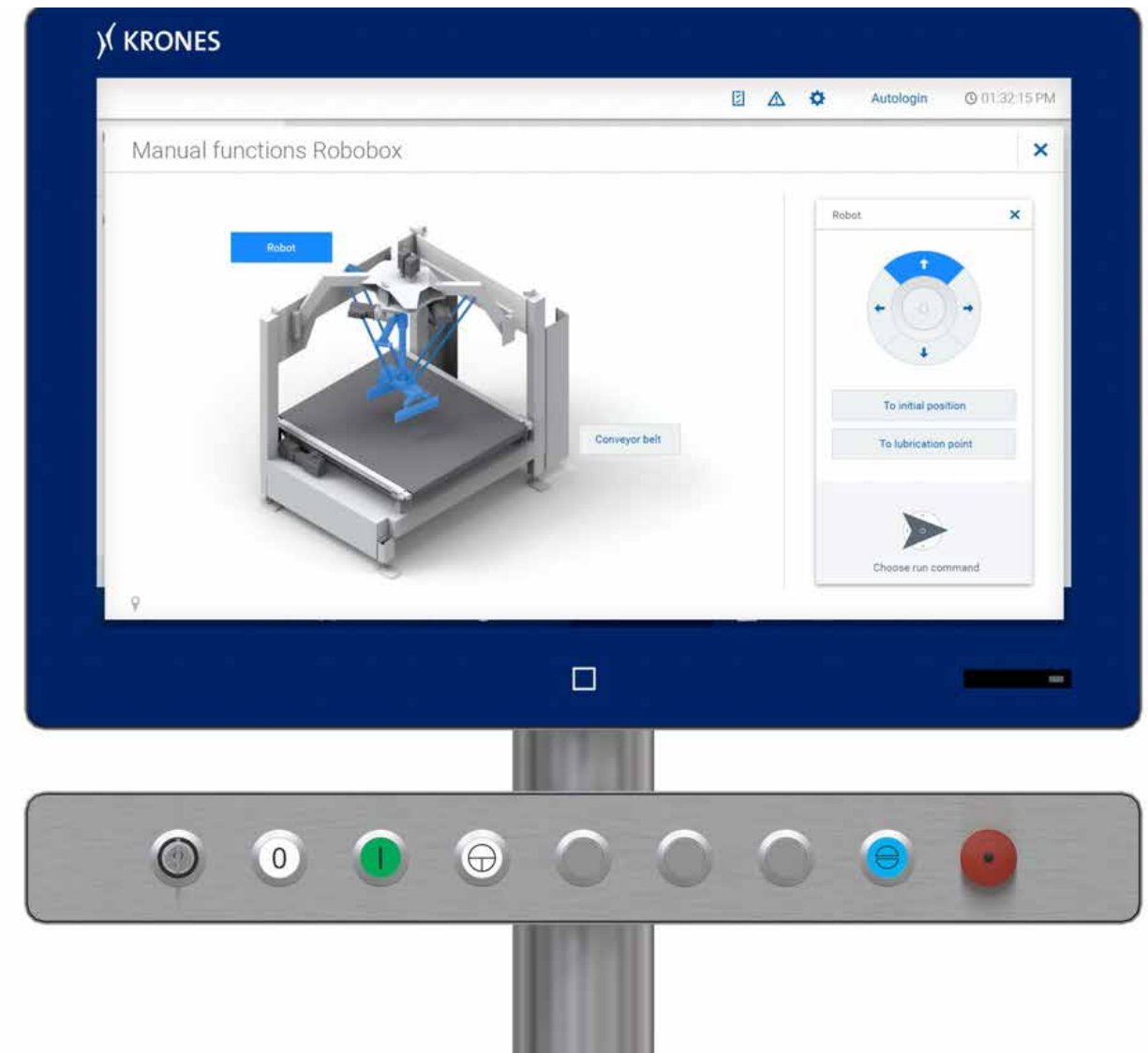
Connected HMI is not an off-the-shelf product: The housing is designed especially for the requirements of the beverage industry and clearly exceeds the usual standard in matters of hygiene.

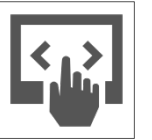
The hardware

- Straight-forward layout and housing almost without any screws for a modern appearance
- Easy operation via a full HD multi-touch-screen
- Numerous connection options thanks to different wireless interfaces
- Light with different signal colours for quick recognition of the need for manual intervention

Optimal hygienic conditions

- Quick and thorough cleaning thanks to the hygienic design
- Housing of stainless steel and glass for ideal hygienic conditions





Safe and well-arranged machine control system

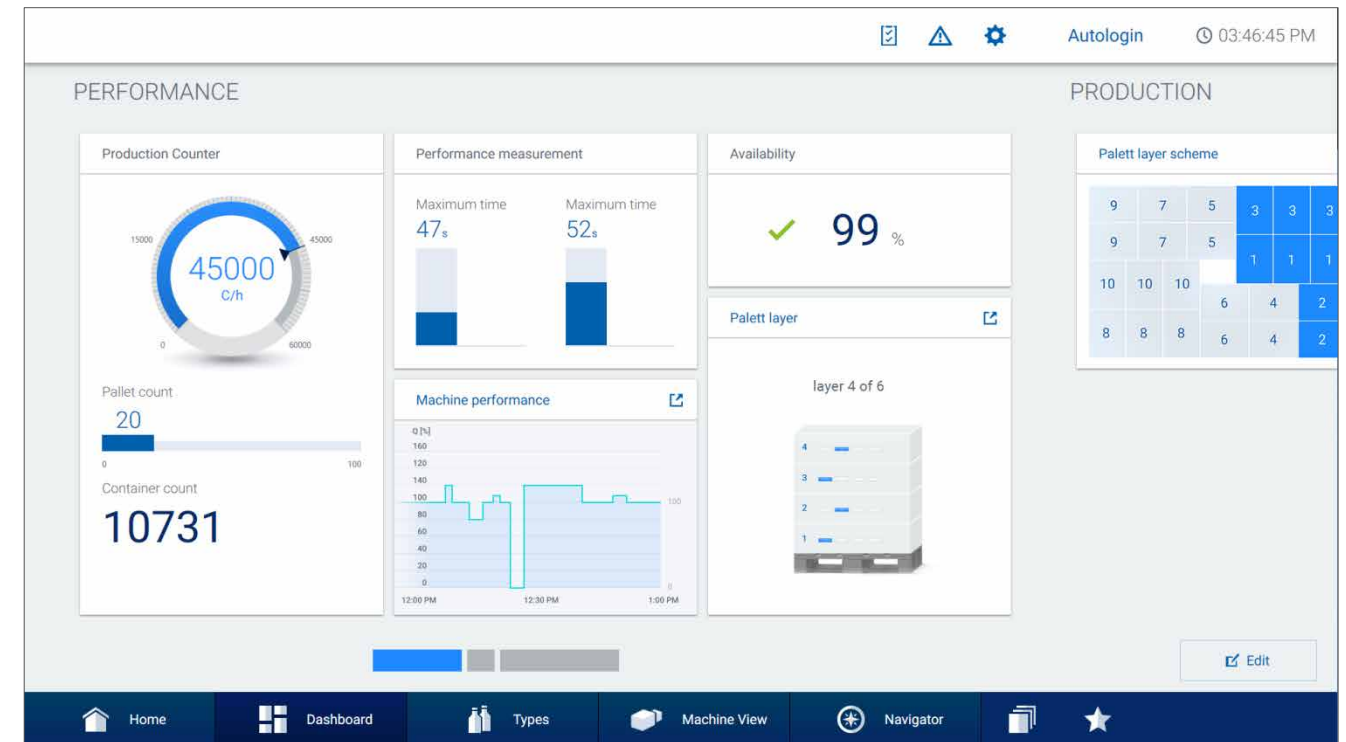
Regardless of whether a process within the line is to be permanently watched or a machine is to be operated via remote control – the networked line view of Connected HMI provides every operator with the necessary overview.

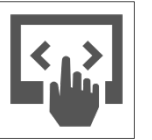
The software

- Offers a customised solution for any application
- Flexible basis for regular updates as well as individual extensions
- Comprehensive line overview thanks to maximum degree of networking

Integral task system

- Early planning of production-relevant jobs such as
 - Maintenance work
 - Material supply
 - Quality checks
- Prevents production stops





Always on the safe side

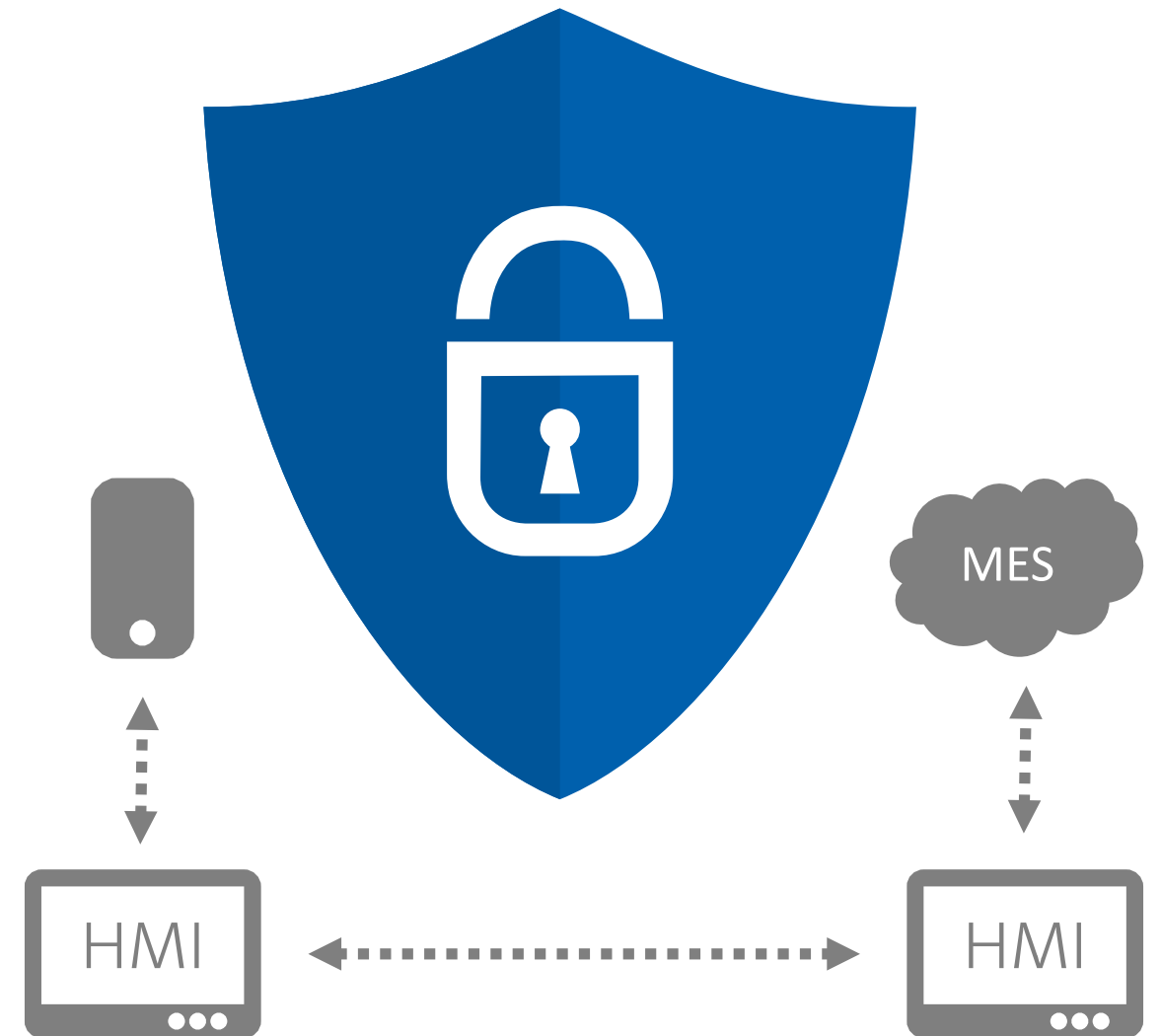
Maximum networking also calls for a high standard when it comes to safety: With Connected HMI, KRONES' emphasis was on state-of-the-art safety devices from the beginning.

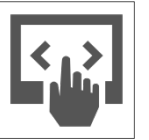
Maximum networking ...

- A maximum degree of networking is guaranteed by means of the KRONES data management module (DMM)
- Connection to superordinated IT systems, such as MES or Share2Act
- Can be expanded in the future with modern operating and output devices

... with utmost security of ID systems

- Various firewalls for a secure system
- Resistant against attacks
- Integrated option for regular software updates to guarantee a sustainable high level of IT security





The operator interface

Connected HMI supplies you with several innovative tools for adjusting the contents individually to your requirements:

Flexibility

Individual dashboard: Widgets for a quick overview and direct access to the daily tasks

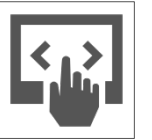
User-friendliness

Finding instead of searching: efficient faceted navigation optimised for all user groups

Continuity

Ease of learning: uniform design and interaction principle throughout all the views and for all machines





Benefits to you

Networked view of the line

Less walking routes between the machines, quicker reaction times and avoidance of unnecessary downtimes: The high degree of networking gives you the required overview and guarantees efficient production processes.

Maximum IT security

State-of-the-art safety devices and regular software updates keep the IT security level always at high standards in the long run.

Uniform surface design

In order to provide an intuitive navigation structure for all machines, the new surface design is uniform for the entire software.

This way, all lines can be operated quickly and easily.

Integral task system

It is hardly possible to forget maintenance tasks or schedules for material procurement: A customised task system plans the production-relevant tasks at an early stage and avoids downtimes.

Hygienic design of the operator panel

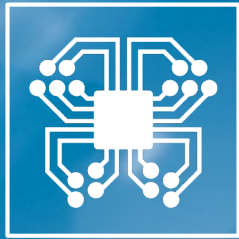
The stainless steel glass housing is designed especially for the requirements of the beverage industry and with regards to the hygiene it clearly exceeds the average conditions. This hygienic design enables even more thorough cleaning.



KIC Krones cleaning agents make your machine shine

Only if the production environment is immaculate, can your product be brilliant. KIC Krones provides you with the optimum cleaning agents and disinfectants for each individual production step.





Digitalisation



Process
technology



Bottling and
packaging equipment



Intralogistics



Lifecycle
Service

We do more.

 **KRONES**