KePlast EasyNet MES – Process monitoring for injection molding machines

Be ready for Industry 4.0!

Automation by innovation.
Process monitoring for maximum productivity with KePlast EasyNet MES

Be ready for Industry 4.0 – with KePlast Smart Industry!
As part of the KePlast Smart Factory – KEBA’s Industry 4.0 portfolio – KePlast EasyNet MES (Manufacturing Execution System) is a user-friendly program that enables the reliable networking of injection molding machines at a high price-performance ratio. It is ideal for central data acquisition and backup. With EasyNet, you have an overview of your production machines at all times – while the short reaction time ensures the highest performance.

Status of all machines at a glance for higher factory performance
For medium-sized plastics processing companies, KePlast EasyNet MES offers various easy-to-use monitoring and planning functions at a glance, such as the productivity overview and the process quality view of an individual machine. Due to the KePlast Heatup Management function, you can significantly minimize your energy costs in order to achieve the best possible machine availability. In the clear overall plant view, the shift manager has an overview of the entire production and can react efficiently to plan production changes or be informed instantly about machine alarms.

Central data management ensures the highest efficiency
EasyNet captures all the relevant machine parameters cyclically. The recorded process data is stored in a central database and this ensures the best data backup and efficient process analysis including the generation of individual production reports. The calculation of the OEE (Overall Equipment Efficiency) allows the comparison of the given data to improve future productivity. The machine standstill analysis enables you a rapid planning of the service and maintenance of the machines as well as the optimization of your workflows.

KePlast EasyNet MES – One solution for all machine brands and generations
Keep your critical production data secure
The KePlast EasyNet MES concept is built on the philosophy of keeping all the collected data secure and at the production company’s hands with special permissions of the data owner. Our solution is based on a local server architecture on site to avoid data security challenges, while the available internet and cloud access can be provided on request via a secure connection.

Deep vertical integration of production jobs via EUROMAP 77
Ensure your best factory performance and increase your information level to the highest with the full and homogenous integration of production jobs according to EUROMAP 77 – from the ERP system directly to the operator at the machine. With EasyNet, production jobs are sent in real-time to the HMI screens and the collected information of the production status is returned instantly.

Connect all your machines with EasyNet AccessBox
A production hall often contains machines from a variety of different manufacturers and machine generations. With EasyNet AccessBox, you can also integrate machines without KEBA controller into the EasyNet network – while the new machine generations can be integrated via EUROMAP 77 directly.

KePlast EasyNet Mobile – be informed wherever you are
Regardless of the operating system and available for all mobile smart end-devices, KePlast EasyNet Mobile is a HTML-based assistance system and provides all necessary and required production data of your plant. Stay up to date with notifications regarding production events and maintenance – wherever you are and at any time.
Fit for the future with KEBA.

Founded in 1968, KEBA AG is an internationally successful electronics company based in Linz/Austria with subsidiaries around the world.

In line with its credo, “Automation by innovation”, KEBA has been developing and producing inventive, top-quality automation solutions for 50 years for industrial, banking, services and energy automation branches. Indeed, as a result of competence, experience and courage, KEBA is the technology and innovation leader in its market segments. Extensive development and production expertise represents a guarantee for the highest quality.

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