KraussMaffei

Pioneering Plastics

KraussMaffei smartCube

THE BASIS FOR DIGITAL PRODUCTS & SMART LIFECYCLE SERVICES OF THE NEXT GENERATION

The KraussMaffei smartCube is the connectivity solution for digital products and smart lifecycle services. It creates the prerequisite for data-based applications, intelligent machine control systems in production and innovative business models. *Be the pioneer of digital transformation!*

The highlights
– Integrated high-performance industrial PC
– Detection of real-time data of the injection molding machine
– Support of common protocols for KraussMaffei machines: OPC UA, Euromap 63/77
– Easy integration into the customer network with regular security updates
– Standard in every new KraussMaffei injection molding machine

The basis for digital services
Product family socialProduction
– productionMonitor: Efficient monitoring of all machines with intelligent production figures
– processSupport: Automated and continuous monitoring of the production process using self-learning technologies
– liveCare: Continuous online monitoring of the wear condition of machine components

Product family smartMachine
– dataXplorer: Acquisition of high-resolution machine and process data for detailed process analyses, optimizations and documentation

... and more to follow

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Connectivity: the key to digitalization

The KraussMaffei smartCube is the future-proof, standardized hardware solution for operation of KraussMaffei digital products. It is ready for the 5G wireless standard and thus becomes part of a Smart Factory.

Powerful and integrated

The KraussMaffei smartCube has more than enough computing power for tasks ranging from recording individual process parameters to acquiring high-resolution real-time data for calculating the machine status. As a result, the machine is fit for the digital future. Via its interfaces and Web front ends, it is perfectly integrated into the machines and production.

Safe and future-proof

We view IT security as a lifelong responsibility. The KraussMaffei smartCube runs on a hardened Linux operating system. Throughout its service life, we will continuously provide new functions and security updates. We remotely activate new products quickly and easily.

Flexible and retrofittable

Has the injection molding machine already been in service for twenty years? No problem! Thanks to its many interfaces, the KraussMaffei smartCube can be flexibly used on all new KraussMaffei machines and almost any legacy machine.

The operation of our digital products and the reliable and continuous supply with security updates is guaranteed for every KraussMaffei smartCube by means of an exclusively outgoing Internet connection. Within the customer network, the connection can be limited to a few ports and destination addresses in the Internet for operation of the digital products.

kraussmaffei.com