

Happy New Year 2018

We wish to say thank you and hope you have a good, peaceful and successful New Year!



Dieter Bieler, Product Manager

The zub Safety Drive concept: Interview with Dieter Bieler

The zub Safety Drive concept was presented at the sps ipc drives 2017. What's special about the zub safety solution?

Mr. Bieler: "We use standard components that are configured in duplicate form, as opposed to expensive special developments. Moreover, we monitor not only the speeds, but also the positions and - probably the only manufacturer to do so - the CAM curves as well."

One of the first systems began operation in China with the zub Safety Drive concept. Why a theater application in particular?

Mr. Bieler: "Our solution is suitable for applications involving multiple axes. This one has 150 axes, which we monitor with 50 MACS5s. Our safety concept is ideally suited for theater applications. For example, multiple hoists can be synchronously operated via cam disks. In this application, 60 hoists are operated in a sort of sinusoidal wave; each individual hoist describes a CAM curve that in turn is monitored."

What developments and products are planned for 2018?

Mr. Bieler: "We will mainly be expanding path control so as to allow the management of various types of kinematics, in particular customer control systems, SCARA and delta robots."

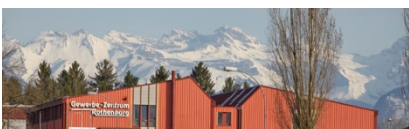
Do you already envisage joint products from zub AG and maxon motor?

Dr. Oeftiger: "Yes, the expansion in path control is especially well suited for maxon motor. maxon customers producing small robots will then be able to acquire not only motors and amplifiers from a single source, but also the higher-level control system together with full service and, if need be, engineering service as well."



Dr. Uwe Oeftiger, CEO

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