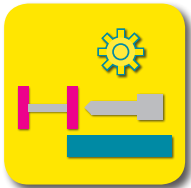


Premiere 3: BOY Moulding Assist

A further step towards the digitalisation of injection moulding machines will be demonstrated with the „Moulding Assist“ Software.



Moulding Assist

With this intelligent assistant, injection moulding faults can be identified. The digital assistant provides the user with suggested solutions to eliminate the injection moulding errors directly at the injection moulding machine. The corresponding setting pages of the Procan ALPHA ® 4 machine control are practically displayed directly to make



troubleshooting easier for the user. If perfect parts are then produced again, the intelligent software system adopts the successful strategy and thus automatically adjusts future solution suggestions.

The BOY-Software Moulding Assist can either be displayed directly in the machine control Procan ALPHA ® 4 via a gateway or on any mobile end device via an Internet browser.



Digital recording of flow and temperature

A specially developed cooling water distribution system with electronic flow rate recording will be presented for the first time at the Fakuma.

The set flow rate is digitally recorded and shown on the control display. Target quantity and tolerances can be set, displayed and monitored. Of course, the Procan ALPHA ® 4 saves the associated process data and setting parameters for process documentation

and can be used as a setting specification for a new mould installation. BOY plans to use this functionality as standard on all its injection moulding machines with Procan ALPHA ® 4 control.

A temperature display with process data monitoring is optionally available in addition to the flow rate. At the Fakuma, visitors can become familiar with the digital mode of operation and test it out on a



BOY injection moulding machine.

YouTube



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