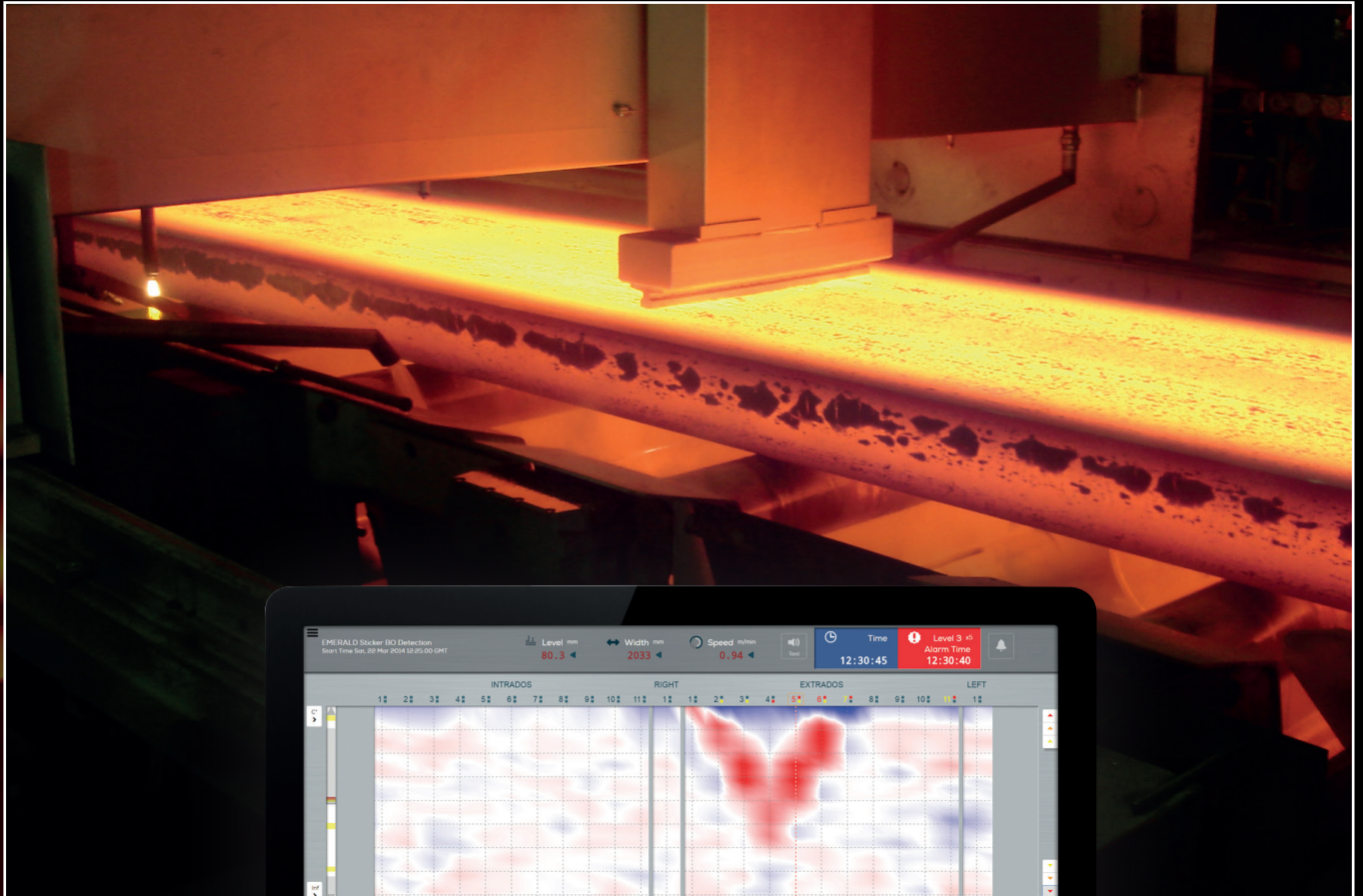


EMERALD

Sticker Breakout Detection System & Mould Thermal Behaviour Monitoring System For Continuous Casters



If you have false alarms, and do not understand why your system generates them ...

If you have sticker breakouts, and you don't understand why your system did not detect them ...

THEN, IT'S TIME TO SWITCH TO EMERALD BO DETECTION SYSTEM!



Don't hesitate to contact us for a presentation,
or for a free evaluation of your existing system,
and see all the benefits of using Emerald BO detection system instead!

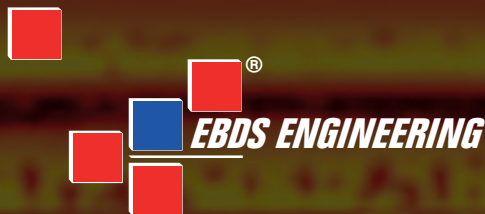
THE CALCULATIONS FEATURES

The calculations, unlike classical system, are based on the possible metallurgical behaviours of the curves. They have notably the following characteristics:

- > Self adaptation to the casting conditions without any necessary intervention of an operator thanks to its individual Self Adaptation Thresholds Parameters.
- > Quantification of the importance of the phenomena's to increase the reliability and the speed of detection, in combination with the use of a Critical Events Matrix.
- > Absolute Temperature Correction Algorithms, for thermal sensibility compensation.
- > Calculation algorithms for detection of other patterns (ex: mold flux "rupture" in ferritic stainless).
- > New algorithms can be incorporated if necessary.



The calculations strategy and rules are continuously being improved and upgraded by EBDS Engineering's specialists.



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