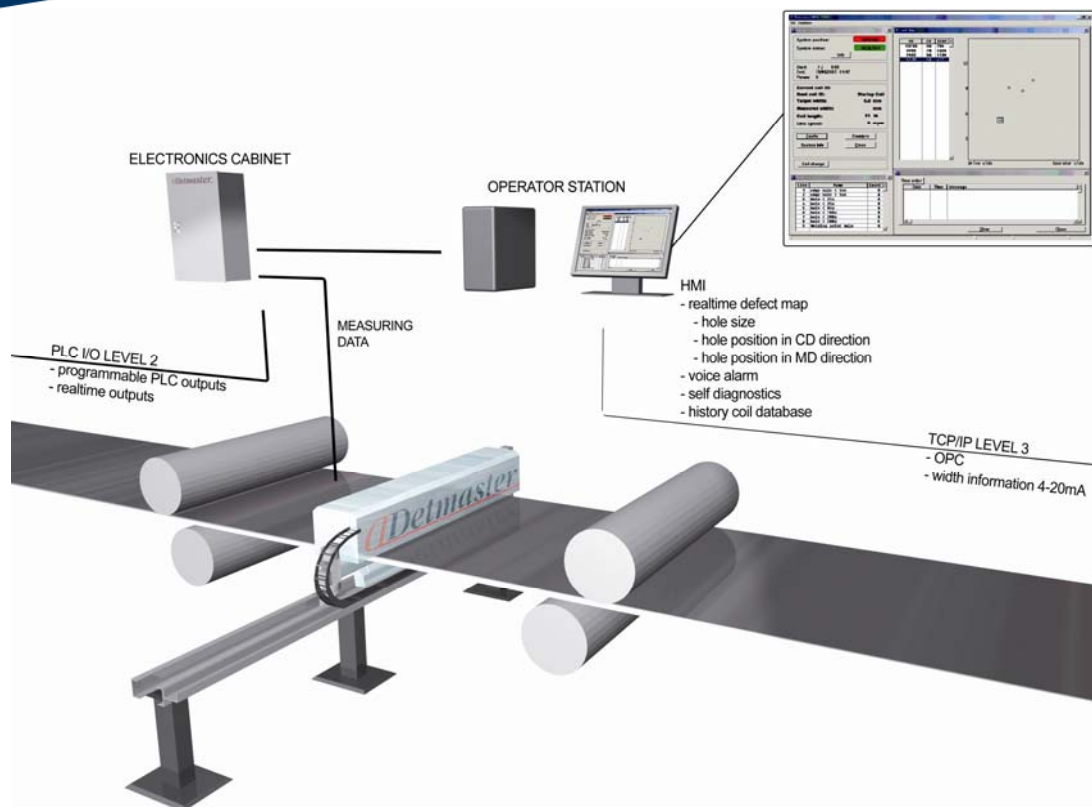


APPLICATION REPORT

17.04.2008



DETMASER MT HOLE DETECTION SYSTEM ON A HOT-DIP GALVANIZING LINE

In December 2007, Detmaster 1600 MT hole detection system was commissioned at Rautaruukki Hämeenlinna Works on Hot-dip Galvanizing line Line No. 2 where maximum strip width is 1400 mm and maximum line speed at the exit of the line is 180 m/min. The Detmaster MT system replaced with an enhanced detection capability of 200 μm holes the previous hole detection system of the line.

The Detmaster MT system frame includes an automatic roll-out mechanism, which allows system pullout from the measurement position when ever needed e.g. if the strip has some bad shapes or to carry out system maintenance tasks. Furthermore, the Detmaster MT system is integrated with the works information system, supplying detected hole and edge crack information via TCP/IP communication link to the operators' control room. Respectively, via TCP/IP communication link the Detmaster MT system receives the coil numbers from the works information system.