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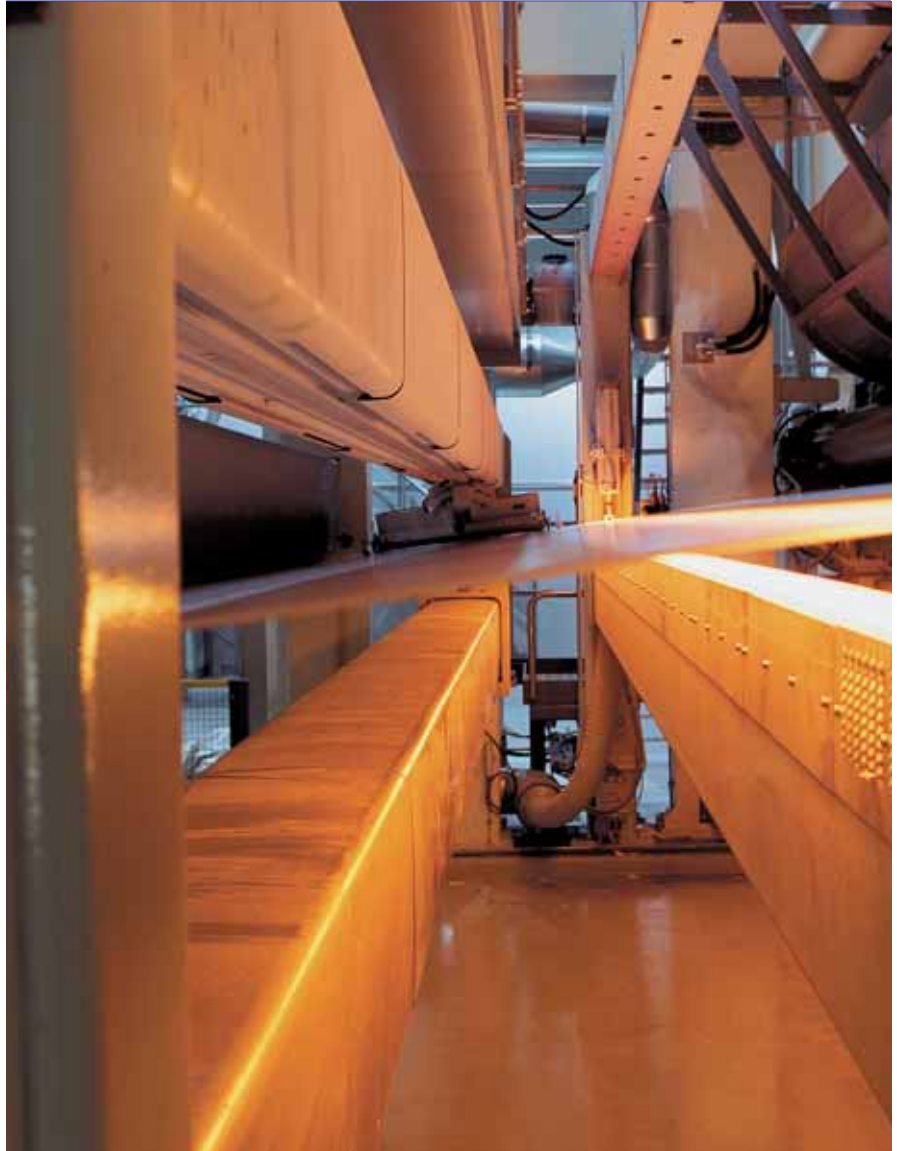
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Every year, technological innovations are built into new products and older ones are enhanced with new features. Evaluating the potential value of these products for our customers and for ABB's competitiveness is no easy task, but the technology and innovation management team within the group tackles this challenge valiantly every year. The outcome is a list of the year's best innovations. *ABB Review* 4/2006 is centred around this theme. Brief articles present the chosen innovations and a selected few are expanded into full-length stories.

An innovative flexible manufacturing concept permitting the production of multiple and different products on the same line is show-cased with implementation examples. New solutions for

the safe and harmonious co-operation between humans and robots are also discussed.

A special section on advanced color-measurement and control for the paper industry explains the complexities of measuring color on-line and in real time in a harsh environment. A creative control algorithm optimizes the use of dyes by applying multivariable control to the color kitchen, in which the different dyes are formed. This algorithm is described in some detail.

Self healing networks are of major importance in many different applications. *ABB Review* discusses the use of this technology in controlling electrical grids.