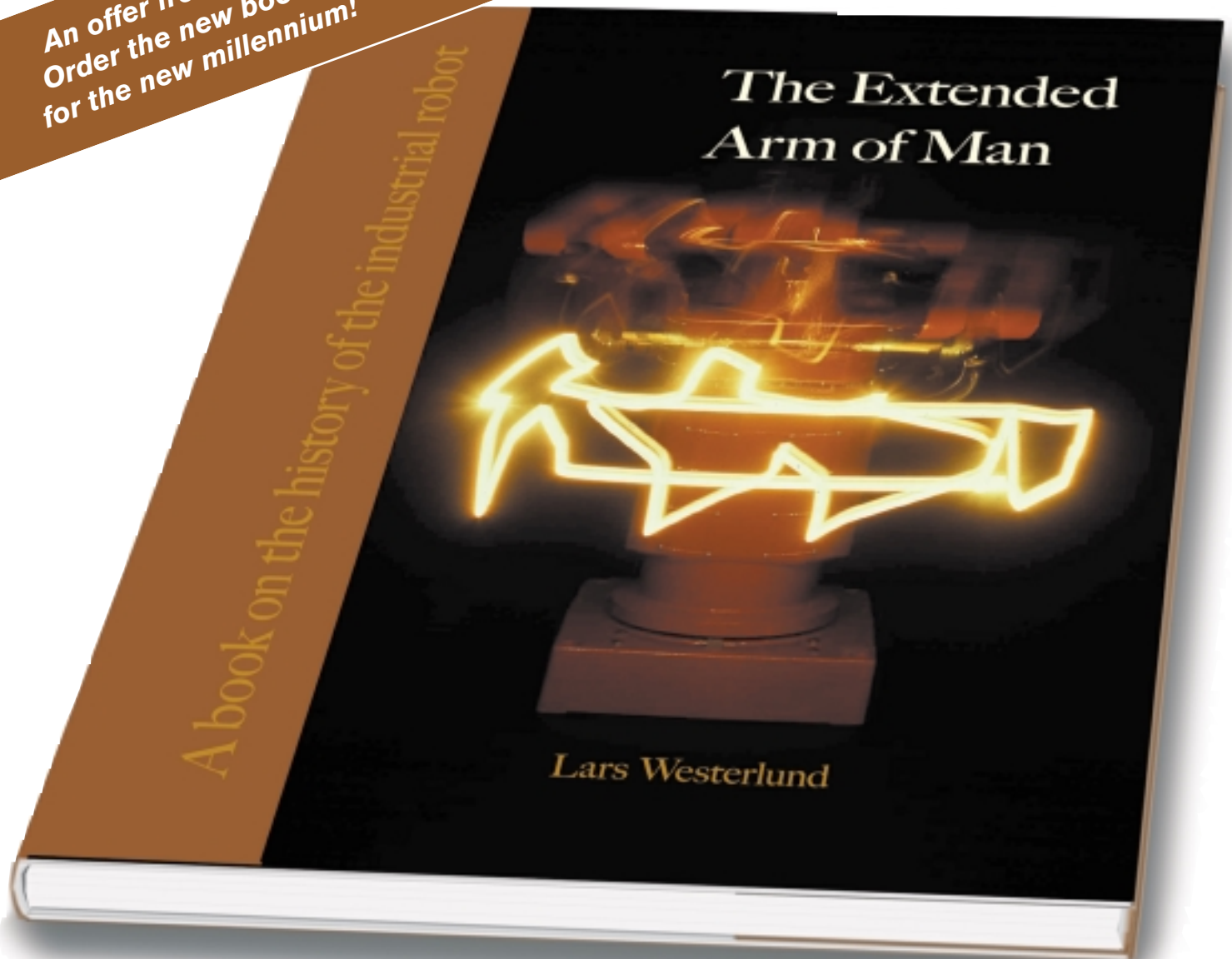


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The Extended Arm of Man

- a book on the history of the industrial robot

The first industrial robot, Unimate, was introduced in the 1950's in the USA by George Devol and Joseph Engelberger. Development was slow in the beginning. Industry had to adjust to having robots on the production line.

In the beginning of the 1970's, ASEA realised the future prospects this product could offer. A couple of years later, in 1974, the first electrically controlled robot was launched in Sweden, which even today is used as a model within robot manufacturing the world over.

The robot fit in perfectly with industrial culture in Japan, where strong manufacturers as Fanuc and Yaskawa were established. In Europe many new enterprises appeared on the market, while most of the American robot manufacturers had to close down, or were bought, in the 1980's and the beginning of the 1990's.

Since its launch, the industrial robot has matured as a product and the rate of growth

counted in the number of robots has increased, especially within the automotive industry. ABB Robotics has become one of the world's leading suppliers of industrial robots. A tough challenge is finding new areas of application. The same applies to establishing the industrial robot on different markets.

The Extended Arm of Man - a book on the history of the industrial robot is a richly illustrated book comprising 160 pages in the format 210 x 260 mm. The book is bound in hardback with dust jacket.

The book is written by *Lars Westerlund*, a journalist who specialises in the manufacturing industry and quality issues. He has been the editor-in-chief of the magazine *Kvalitetsmagasinet* for many years.



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