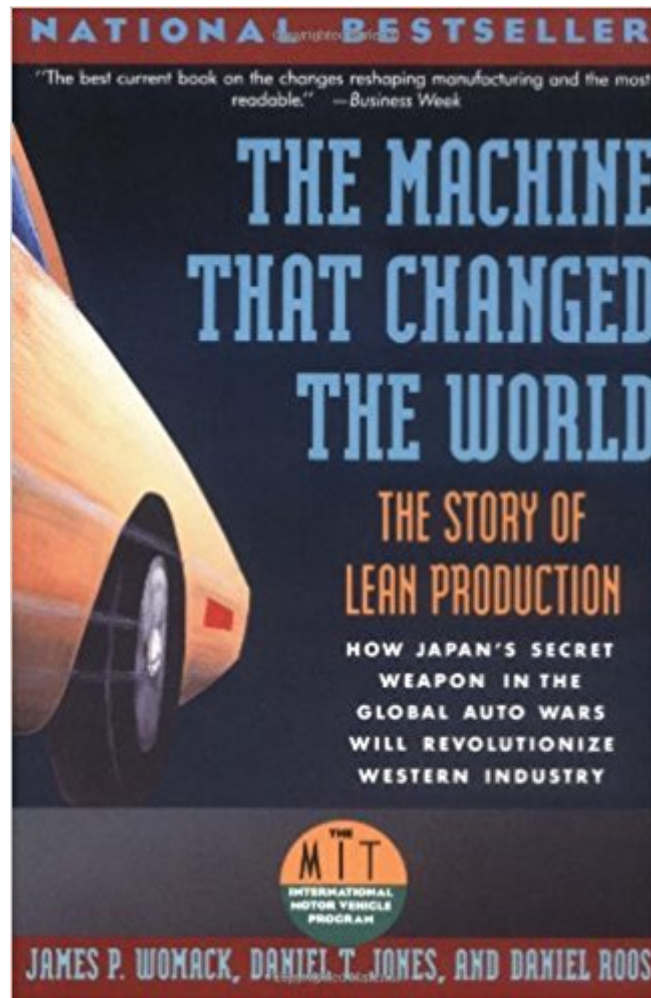




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# The Machine That Changed The World : The Story Of Lean Production



## Synopsis

This volume carefully traces the rise of the Toyota system from its take-off point in Ford's mass production system to its spread across the world, starting with the NUMMI joint venture with General Motors in California and now advancing in Europe, Latin America, and East Asia as well. It then identifies and describes the advantages of this system, which needs less of everything including time, human effort, inventories, and investment to produce products with fewer defects in smaller volumes at lower costs for fragmenting markets. The Machine That Changed the World even gave the system its name: lean. In the decade since its launch in the fall of 1990, The Machine That Changed the World has sold more than 600,000 copies in 11 languages and has introduced a whole generation of managers and engineers to lean thinking. No lean library is complete without this groundbreaking book. "The fundamentals of this system are applicable to every industry across the globe and will have a profound effect on human society. It will truly change the world." - New York Times Paperback / 1990 / 323 pages

## Book Information

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## Customer Reviews

This provocative and highly readable book summarizes five years of research by the International Motor Vehicle Program (IMVP) at MIT into the role of the automobile industry in the world economy. The authors, all directors of the IMVP, recommend that Western automobile makers adopt the concept of lean production in all phases of automobile production. A thorough and persuasive explanation of the benefits of lean production, along with numerous examples, mainly from

Japanese industry, support their recommendations. This important book offers informed insight into the auto industry; for all public and academic libraries.- Joseph Barth, U.S. Military Acad. Lib., West Point, N.Y. Copyright 1990 Reed Business Information, Inc. --This text refers to an alternate Paperback edition.

"The best current book on the changes reshaping manufacturing and the most readable." -- -- Business Week "The fundamentals of this system are applicable to every industry across the globe...[and] will have a profound impact on human society it will truly change the world." -- New York Times Magazine

Good book. I liked it. I read this book for my own personal Lean Six Sigma knowledge & improvement. I enjoyed the history of Lean using the auto industry: Ford, Chrysler, Honda, Toyota, etc. Interesting to see the progression of Lean Production & Manufacturing throughout the years. The study shows how the lack of implementation of Lean has and can erode a company's standing, profitability & endurance through hard times. Good book to get your feet wet in the Lean Six Sigma world.

Good book to get an introduction to Lean manufacturing. It's not a prescriptive book for lean on its own (other than to say lean is superior), so you will need to get other books or take a Lean Six Sigma class to learn how to actually implement it in your facility. Overall very interesting read to learn about the history of car manufacturing around the world and how the systems developed over time.

I read this after taking a tour of the Toyota plant in Kentucky. Both the tour and the book helped me understand how Toyota changed much of industrial production. I only wish there was a final chapter to explain how the process originated by Toyota has spread throughout the automotive and other industries.

A super classical. Must have it, must read it (at least if you work in the manufacturing area or in the engineering one). Very accurate description of the Toyota way and comparison with older production concepts.

This gives a good history of lean and is an interesting read from an origins point of view. This is

considered one of the first books that brought Lean to the Western world. From a professional services point of view there are concepts you can pull out of it, but you won't find direct tools and principles for implementation.

Extraordinary classic that opens the Toyota Production System to the world. But be advised that lean gimmicks are nowhere to be found here, instead you are for a treat, the core of what makes Toyota lean: a unique culture.

Great History of Toyota, but more importantly the author really explains LEAN with history and examples. It's amazing to hear how bad automotive production was and still is in some places

For the history of Automotives in this country there can't be a book found with more detailed interesting history !

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