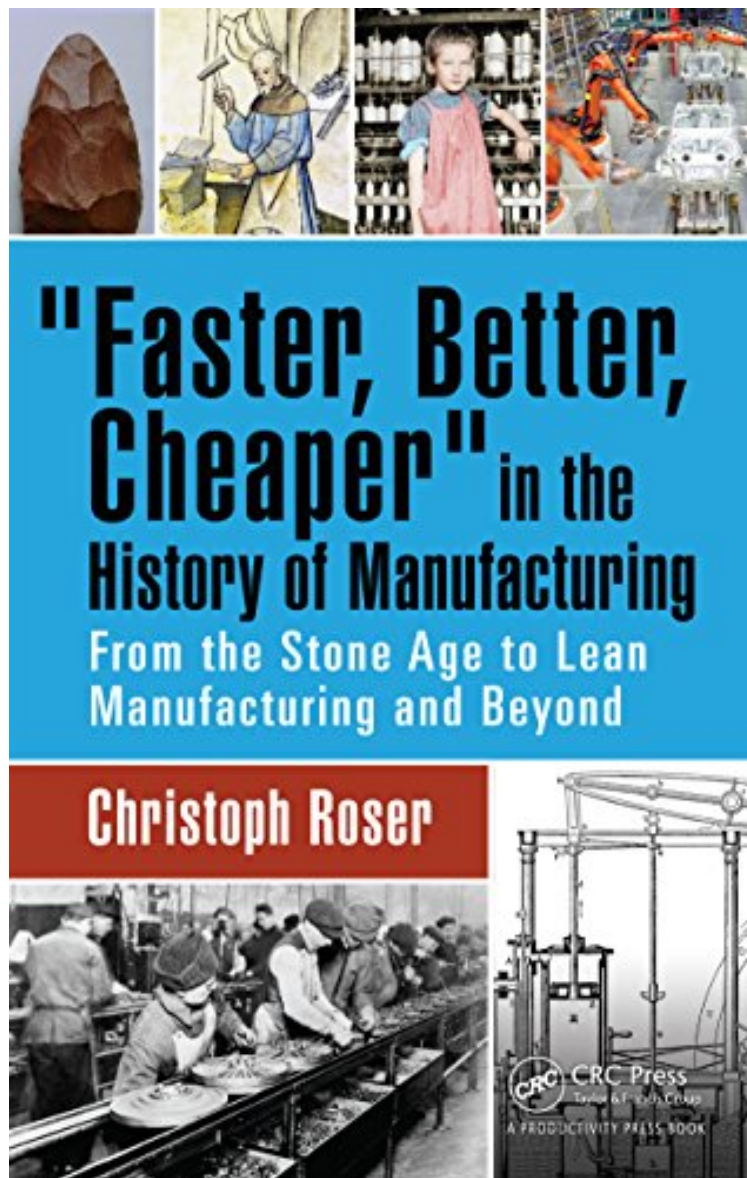


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## ***quot*;Faster, Better, Cheaper*quot*; in the History of Manufacturing: From the Stone Age to Lean Manufacturing and Beyond**

*Christoph Roser*

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**Christoph Roser : *quot*;Faster, Better, Cheaper*quot*; in the History of Manufacturing: From the Stone Age to Lean Manufacturing and Beyond** before purchasing it in order to gage whether or not it would be worth my time, and all praised *quot*;Faster, Better, Cheaper*quot*; in the History of Manufacturing: From the Stone Age to Lean Manufacturing and Beyond:

1 of 1 people found the following review helpful. We all take for granted that interchangeable parts make economic sense and produce better products. But few of us appreciate why. By James Albright As an industrial engineer I certainly appreciated the many concepts presented on an academic level and thought I knew everything I needed to know on the subject. But Professor Roser's well written narrative put it all into historical context in a way that I didn't fully appreciate. I wish I had this book in college, it would have made the learning so much easier! We all take for granted that interchangeable parts make economic sense and produce better products. But few of us appreciate why it took so long to put this concept into practice. Many assume Japanese Lean manufacturing is made up of tags on parts, meetings with employees, and other acts of "magic." But why do so many fail at implementing this proven system? Professor Roser's book will enlighten and help you to really understand. This book has earned a place on my bookshelf.

1 of 1 people found the following review helpful. Definitely recommended for everyone to read. By Budi Witjaksono "Faster, Better, Cheaper" in the History of Manufacturing is definitely recommended for everyone to read. Especially for someone who wants to know the history of manufacturing and learn the mistakes and make benefits from it. You will learn a lot by reading this book and implement something new to improve your working company.

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The industrial revolution, mechanization, water and steam power, computers, and automation have given an enormous boost to manufacturing productivity. "Faster, Better, Cheaper" in the History of Manufacturing shows how the ability to make products faster, better, and cheaper has evolved from the stone age to modern times. It explains how different developments over time have raised efficiency and allowed the production of more and better products with less effort and materials, and hence faster, better, and cheaper. In addition, it describes the stories of inventors, entrepreneurs, and industrialists and looks at the intersection between technology, society, machines, materials, management, and humans. "Faster, Better, Cheaper" in the History of Manufacturing follows this development throughout the ages. This book covers not only the technical aspects (mechanization, power sources, new materials, interchangeable parts, electricity, automation), but organizational innovations (division of labor, Fordism, Taylorism, Lean). Most of all, it is a story of the people that invented, manufactured, and marketed the products. The book shows how different developments over time raised efficiency and allowed production of more with less effort and materials, which brought us a large part of the wealth and prosperity we enjoy today. The stories of real inventors and industrialists are told, which includes not only their successes but also their problems and failures. The effect of good or bad management on manufacturing is a recurring theme in many chapters, as is the fight for intellectual property through thrilling tales of espionage. This is a story of successes and failures. It is not only about technology but also about social aspects. Ultimately, it is not a book about machines but about people!

"Brilliant insights regarding concepts of manufacturing systems for both practitioners and academics." - Dr. Masaru Nakano, Professor at Keio University, former manager of Toyota Central RD Laboratories, Inc. ; "What an incredible abundance of facts and information comprehensively gathered and uniquely assembled. Its thorough production presents the fastest, best and cheapest way to make each reader more knowledgeable." - Dr. Stefan Bleiweis, Professor of International Management ; "This is sure to become a classic in the university curriculum to introduce students to the long history of how people improved society by making things. Roser links the progression of tools and processes from the Stone Age to emerging society to division of labor far earlier than most other scholars. He illustrates the regular progression of technology to improve productivity and closes with the future of work. Thought provoking and a necessary addition to the library of those in industry today." - Mark Warren, manufacturing engineer and amateur historian