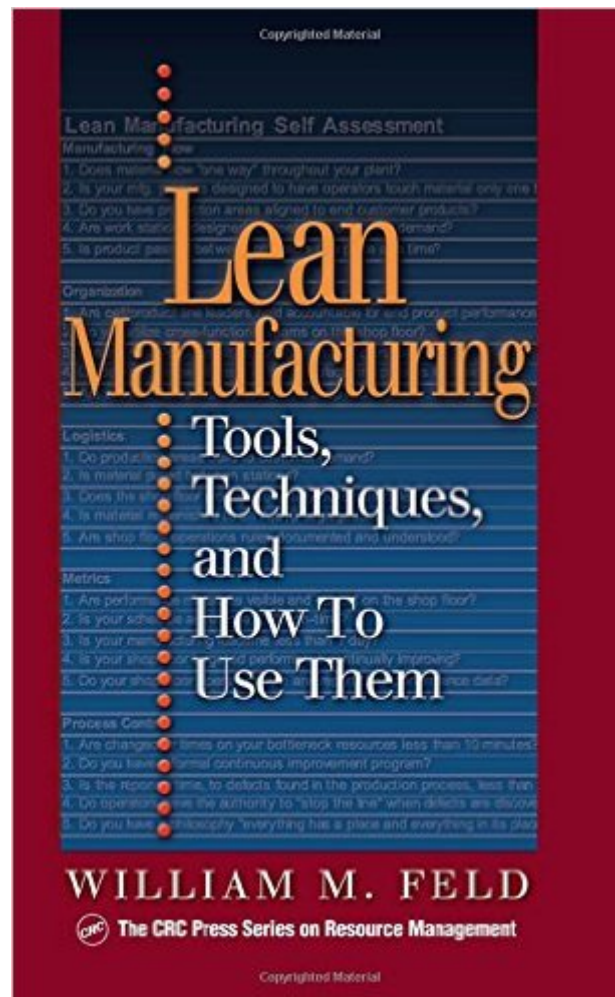


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# Lean Manufacturing: Tools, Techniques, And How To Use Them (Resource Management)



## Synopsis

There are some very good books available that explain the Lean Manufacturing theory and touch on implementing its techniques. However, you cannot learn "how to be" lean from merely reading the theory. And to be successful in the real-work environment you need a clear comprehension of how lean techniques work, rather than just a remote understanding of what they are. You need to know what does and does not work in different situations. And you need the benefit of practical experience in their implementation. *Lean Manufacturing: Tools, Techniques, and How to Use Them* gives you the benefit of author and practitioner William Feld's 15 years of hands-on experience - and the lessons he's learned. Feld provides insight into the appropriate use of assessment, analysis, design, and, most importantly, deployment of a successful lean manufacturing program. Packed with practical advice and tips but not bogged down in theory, this book covers how, why, when, and what to do while implementing lean manufacturing. It equips you with the tools and techniques you need along with an understanding of how and why they work. Feld explores why an integrated approach is so much more beneficial in securing sustained improvement. He focuses on the interdependency of the Five Primary Elements: organization, metrics, logistics, manufacturing flow, and process control. He describes a proven, applied approach to creating a lean program using these elements. To keep up globally, and even locally, your manufacturing operation must be responsive, flexible, predictable, and consistent. You must continually improve manufacturing operations and cultivate a self directed work force driven by output based, customer performance criteria. By applying what you learn from *Lean Manufacturing: Tools, Techniques, and How to Use Them* you can build a workforce - and an organization - with the capacity to satisfy world class expectations now and into the future.

## Book Information

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## Customer Reviews

I still use this book in conjunction with Lean Thinking whenever the time comes to work on Lean improvements. 10 years ago I met Mr. Feld and he initiated a lean program at my plant. He started by providing everyone with this book and stating: This is \*a\* way, not necessarily \*the\* way. The message was that what's most important is that we need to know the language and the tools. Lean Thinking is a cornerstone book of theories of lean based on observations but is short on roadmaps or tools. Feld's book is a methodology intended to be a "how-to" put it all together. I find the book to be an effective, direct, and quick read reference. It breaks Lean into 5 concurrent and cooperative elements that only loosely fit traditional departments. Each element's needs must be addressed in the effort and this turns the whole thing into a cross-functional effort. Most people make this equation Lean = Flow = Manufacturing Engineering = Ford Assembly Line = Common Sense. Then they make this inequality Lean = Mass Production >>> Mass Production not=to my special mix model company nor am I Manufacturing Engineering >>> Therefore lean doesn't work. This book helps show how each desk jockey and machine jockey of the value stream fits into the effort. Lean is precisely intended for mix-model hi or lo volume. Creating Flow workcells is only one element. Feld doesn't use department names. He identifies what is needed in each element. Low and behold you will find that each element requires cross-functional teamwork. Secondly it is written in a project management methodology. Categorize your product line volumes, start with a pilot cell, perform a form of PDCA, correct and create another cell and so forth.

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