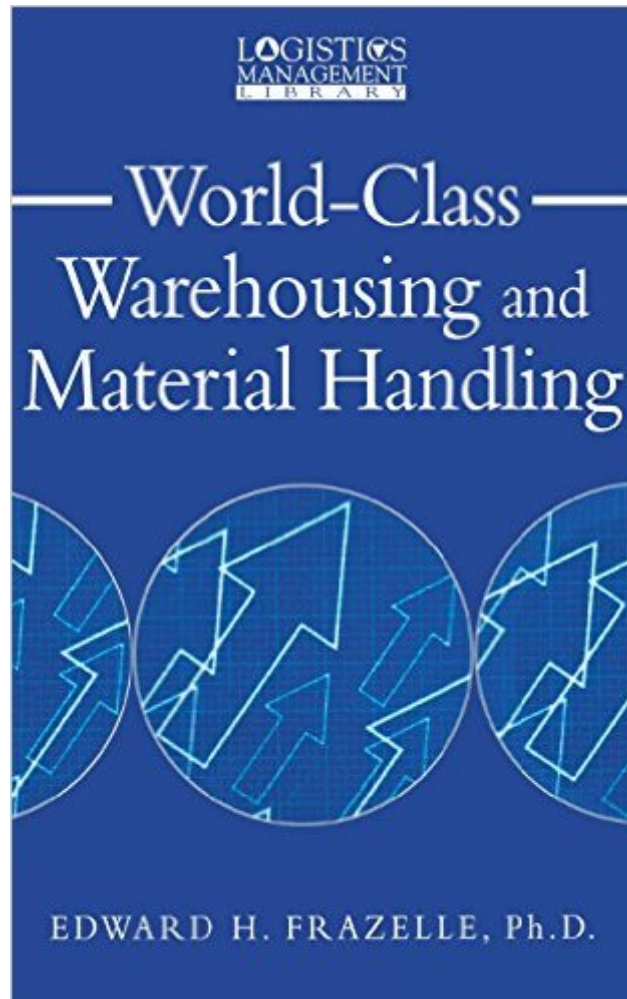


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# World-Class Warehousing And Material Handling



## Synopsis

This title presents timeless insights for planning and managing 21st-century warehouse operations. Despite today's just-in-time production mentality, with its efforts to eliminate warehouses and their inventory carrying costs, effective warehousing continues to play a critical bottom-line role for companies worldwide. "World-Class Warehousing and Material Handling" covers today's state-of-the-art tools, metrics, and methodologies for dramatically increasing the effectiveness, accuracy, and overall productivity of warehousing operations. Written by one of today's recognized logistics thought leaders, this comprehensive resource provides authoritative answers on such topics as: the seven principles of world-class warehousing; warehouse activity profiling; warehouse performance measures; warehouse automation and computerization; receiving and put away; storage and retrieval operations; picking and packing; and, humanizing warehouse operations. "World-Class Warehousing and Material Handling" describes the processes and systems required for meeting the changing demands of warehousing. Filled with practices from proven to innovative, it will help all logistics professionals improve the productivity, quality, and cycle time of their existing warehouse operations. Not too long ago, effective warehousing was a relatively straightforward progression of receiving, storing, and shipping. But in today's age of e-commerce, supply chain integration, globalization, and just-in-time methodology, warehousing has become more complex than at any time in the past - not to mention more costly. "World-Class Warehousing and Material Handling" breaks through the confusing array of warehouse technology, buzzwords, and third-party providers to describe the principles of warehousing required for the implementation of world-class warehousing operations. Holding up efficiency and accuracy as the keys to success in warehousing, it is the first widely published methodology for warehouse problem solving across all areas of the supply chain, providing an organized set of principles that can be used to streamline all types of warehousing operations. Case studies from Avon, Ford, Xerox, True Value Hardware, and others detail how today's most innovative logistics and supply chain managers are arriving at proven solutions to a wide variety of warehousing challenges. Topics discussed include: warehouse activity profiling - for identifying causes of information and material flow problems and pinpointing opportunities for improvement; warehouse performance measures - for monitoring, reporting, and benchmarking warehouse performance; storage and retrieval system selection - for improving storage density, handling productivity, and trade-offs in required capital investment; order picking strategies - for improving the productivity and accuracy of order fulfillment; and, computerizing warehousing operations - for profiling activity, monitoring performance, and simplifying operations. "World-Class Warehousing and Material Handling" integrates global and e-commerce

issues as it addresses customization, information technology, performance analysis, expansion and contraction planning, and the overall role of the warehouse in logistics management and the supply chain. Filled with proven operational solutions, it will guide managers as they develop a warehouse master plan, one designed to minimize the effects of supply chain inefficiencies as it improves logistics accuracy and inventory management - and reduces overall warehousing expense.

## **Book Information**

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## **Customer Reviews**

This book quickly covers the most common methods and equipment used to receive, move, store, pick, and ship materials within a warehouse environment. Much of the book focuses on the order-picking process, which makes it a good choice for fulfillment operations. Of particular interest is the detailed info on slotting as well as an objective discussion of the pros and cons of automation. The size of the book (only 233 pages) results in somewhat brief treatments of the various topics. On the plus side, this makes it a quick read for someone wanting to become familiar with warehouse operations, on the minus side you may find that you need to go to another resource to get more detailed info on a specific topic.

Interesting overall view for beginners in warehousing. It has a superficial treatment on very critical issues such as receiving and putaway. Also it's so focused on order picking (the author's experience) that provides an unbalanced view of Distribution Centers. It doesn't address any type of

raw material warehousing insights, it focused more on finished goods distribution centers. Limited applicability of the content.

This book nicely presents high impact content related to the Frazelle Supply Chain Model developed at the Supply Chain Institute at Georgia Tech. The model builds a very credible case that effective Supply Chain design begins with the objectives of Customer Service and flow through policies established sequentially through Inventory Management, Supply, Transportation and finally Warehouse functions. Decisions cascade through these functions culminating in warehousing - which is largely determined and constrained by prior policy. This book delves into the warehousing function and in my opinion deserves a place on any supply chain professionals bookshelf. I'm looking forward to what I hope will be future books covering in greater depth the other functions in the supply chain model described by RightChain (TM), now associated with LRI Consulting (Logistics Resources International). This book will not only present to the reader a primer on sound warehousing operations, but it will provide substantive direction on how to measure and improve performance. The only drawback is the realization that the largest potential for performance improvement is when the entire supply chain model is considered and not only the warehousing functions. Given this - sometimes you need to address the functions within the total model where access or authority is granted to affect change. If this describes you relative to the warehousing function - you will value this book.

I bought this book because it was required in the course-ware. The book is helpful to those who are beginners in the industry and it does well to provide clear and crisp definitions. However, if you are looking for acquiring intuition and solutions to practical problems, you will have to look elsewhere.

I found the book helpful in learning some basics of warehousing. I appreciated the overview of various types of equipment and racking. The book focuses more on distribution systems but I found many of the concepts can be applied to MRO warehousing(zoning and slotting in particular)with some tweaking.

I have a week before visiting my first DC in Atlanta. This book gives me a good foundation to someone new to the field and suggestions to ones that have been in the industry for a while. Pictures and tables give a person something to reference back to. You can finish this book in two days easily.

This a generally very useful, if basic, text on the subject of distribution center operations and structure/layout/set up, along with the various ways and means of Material Handling. Useful (because of the use of photos and diagrams) in explaining the general concepts of operations in current-model DC's. Worth having available to bring along new personnel that want to learn more about the goals, objectives, and waya and means of storing and handling product.

A very useful book. All the concepts related to modern Warehousing & material handling have been explained in a very concise manner.A very useful reference for anyone wanting to learn about modern warehousing.

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