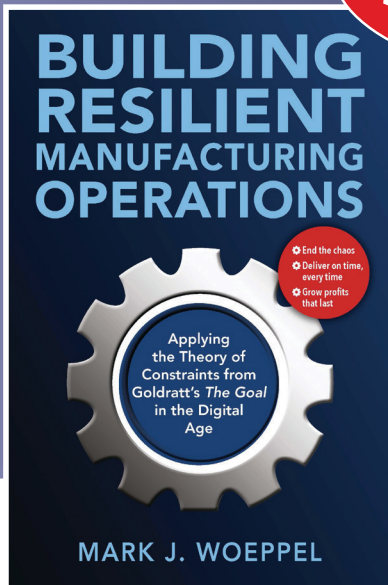


NEW!

A comprehensive ToC guide for the manufacturing practitioner!

BUILDING RESILIENT MANUFACTURING OPERATIONS

Applying the Theory of Constraints from Goldratt's *The Goal* in the Digital Age**Mark J. Woepfel**

"Building on decades of knowledge and experience—and firmly grounded in the Theory of Constraints—Woepfel brings it all together in this practical, logical, and detailed book. Aimed at senior managers, this step-by-step roadmap goes beyond theory to transform chaotic manufacturing operations into streamlined, high-performing, money-making enterprises."

—**Andrew Kay**, ToC Consultant, Owner and CEO, TOC3 Pty. Ltd.

Building Resilient Manufacturing Operations is a powerful guide for manufacturers battling daily chaos and systemic inefficiency. Grounded in the Theory of Constraints (ToC), this book shows leaders how to gain control of their operations, drive reliable performance, and build long-term resilience. Drawing on the author's decades of hands-on experience and real-world success, it provides both strategic frameworks and tactical tools for turning manufacturing mayhem into competitive advantage. Whether you're in crisis or seeking strategic growth, this book equips you with the tools to become the supplier of choice in your industry.

Mark Woepfel

Mark Woepfel is an internationally recognized expert in the Theory of Constraints, with a distinguished career spanning over three decades in manufacturing, project management, and supply chain optimization. As the president and CEO of Pinnacle Strategies, a global management consultancy, he has driven transformative results for organizations ranging from Fortune 100 companies to small businesses across various industries, including graphic arts, automotive, oilfield equipment, and electronics. Woepfel's thought leadership is evident in his extensive publications, including influential books such as *The Manufacturer's Guide to Implementing the Theory of Constraints* and *Visual Project Management*, as well as numerous whitepapers and articles on operational excellence.

Key Features

- Provides a step-by-step implementation plan for sustainable, reliable production systems that deliver products on time all the time
- Demonstrates measurable gains, such as cost savings, throughput increases, and market competitiveness, to equip manufacturers with a roadmap for sustained success
- Traces the evolution of ToC from scheduling tactics to a strategic management framework and provides real-world applications of Drum-Buffer-Rope, Critical Chain, and constraint-based thinking
- Designed for use as a one-term college course, with each chapter covering two class periods, and includes thought-provoking homework activities for students
- **WV** offers downloads on how to set a battle rhythm using a buffer management tool, an order release policy, and an SAP replenishment guide—available from the **Web Added Value™ Download Resource Center** at www.jrosspub.com

Retail Price: \$49.95

Special Promotional Price:
\$39.95 when ordered direct
 from J. Ross Publishing

BUILDING RESILIENT MANUFACTURING OPERATIONS

Catalog no. JR2123, ISBN 13: 978-1-60427-212-3, October 2025, 340 pages, 6 x 9

Visit **J. ROSS PUBLISHING** online
 at www.jrosspub.com

BUILDING RESILIENT MANUFACTURING OPERATIONS

Table of Contents

Chapter 1: How to Get Results Fast –
Lessons Learned from a Disaster

Part 1: Concepts and Foundations

Chapter 2: Why Your Plant's a Mess – The
ToC Wake-Up Call

Chapter 3: How ToC Tames the Chaos –
Production Solutions That Work

Chapter 4: Start Here; Find the Constraint

Chapter 5: Conserving Human Capital

Chapter 6: Make Better Decisions with
Empirical Data

Part 2: The Theory of Constraints Production System

Chapter 7: Linking Behavior to Data-Driven
Results

Chapter 8: Designing for Reliability,
Resilience, and Profit

Chapter 9: Beyond Kanban Systems for
Resilience

Chapter 10: Designing a Resilient Production
System

Chapter 11: Planning for Resilience: Demand
and Capacity

Chapter 12: Delivering With Precision:
Production Planning and Scheduling

Chapter 13: Executing a Resilient Production
System – Delivering on the Plan

Part 3: Implementing the ToC Production System

Chapter 14: The Approach: Preparing Your
Mind and Team for Transformation

Chapter 15: Aligning for Success

Chapter 16: Building Reliability: Designing
Execution Processes

Chapter 17: Thriving Through Resilience

Chapter 18: Sustaining the Shift

Chapter 19: I Haven't Told You Everything,
But This Should Be Enough

Appendix A: Work Breakdown Structure
(WBS) for a ToCPS Implementation Plan

Appendix B: Case Study – Brown Fintube's
Turnaround with Drum-Buffer-Rope

Appendix C: Case Study – Spirit
AeroSystems' ToCPS Implementation

Appendix D: Leveraging Lean and Six Sigma
for More Success

Appendix E: Theory of Constraints
Production System SIPOC Diagrams

Bibliography

Index

ORDER FORM

Four Ways to Order:

1. Mail Complete this form and mail it with your Check,
Credit Card Info, or Purchase Order to:



J. Ross Publishing, Inc.
151 N. Nob Hill Rd., #476
Plantation, FL 33324

2. Telephone Call us at **954-727-9333 ext. 2**

3. Fax Fax this form or your purchase order to **561-892-0700**

4. Online Visit us on the Web at **www.jrosspub.com**

Attention Professors:

If you wish to consider any book for class adoption, please contact
J.Ross Publishing at customerservice@jrosspub.com and ask about our
45-day Review Program.

Ordering Information:

US: Orders must be prepaid in US dollars or accompanied by a company
purchase order. Please add appropriate shipping and handling charges
for each book ordered. Florida residents add 7% sales tax.

Canada: Orders must be prepaid in US dollars or accompanied by a
company purchase order. Add \$20.00 shipping and handling for the first
book and \$7.00 for each additional book.

International: Orders must be prepaid in US dollars. Add \$40.00 shipping
and handling for the first book and \$10.00 for each additional book.

Your Satisfaction Is Guaranteed: If this book does not meet your needs,
it may be returned to us in saleable condition within 20 days of receipt.

**To set up a Bookstore, Association, Cataloger,
or Corporate account, contact:**

Stephen Buda

Tel: 954-727-9333 ext. 5

Fax: 561-892-0700

E-mail: salesandmarketing@jrosspub.com

Please indicate quantities next to the title(s) ordered:

BUILDING RESILIENT MANUFACTURING OPERATIONS

.....Catalog no. JR2123, ISBN 13: 978-1-60427-212-3, October 2025

340 pages, 6 x 9, hardcover, Retail price: \$49.95, Direct Price \$39.95

Shipping & Handling: Add \$7.95 for the first book ordered, and \$2.50 for each additional book.

Tax: Florida residents add 7% sales tax.

Name.....
please print clearly

Company/Institution.....

Address.....

City..... State/Province..... Zip/Postal Code.....

Country.....

If you would like to receive information from us by e-mail, please provide your e-mail address below.

E-Mail Address.....

☐ Visa ☐ MasterCard ☐ American Express ☐ Discover ☐ Check Enclosed \$.....

Exp. Date.....
Month Year

Signature and Telephone Number required on all orders

Signature..... PO#.....

Telephone.....

09.11.25.JP