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Acceptance Letter

Dear

Luis Javier Márquez Figueroa
Jorge Luis García-Alcaraz
Arturo Realyvásquez Vargas

I am pleased to inform you that the chapter “*One-Piece Flow*” has been **ACCEPTED** for publication in the book “*Lean Manufacturing in Latin America - Concepts, Methodologies, and Applications.*” Please make a final review of your chapter regarding structure, format, and citation style.

We thank you for your effort and trust in this initiative to document the impact of Lean Manufacturing in Latin America. Please emphasize the technical approach in your chapter. We strongly recommend the use of original graphic content. Otherwise, it is necessary to obtain permission for non-original material (text, tables, or illustrations that you have incorporated in your manuscript from other sources or previous publications).

Sincerely,

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Arturo Realyvásquez Vargas *Editors*

Lean Manufacturing in Latin America

Concepts, Methodologies and
Applications

Lean Manufacturing in Latin America


Jorge Luis García Alcaraz ·
Guillermo Cortés Robles ·
Arturo Realyvásquez Vargas
Editors

Lean Manufacturing in Latin America


Concepts, Methodologies and Applications

 Springer

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Chapter 9

One-Piece Flow



Luis Javier Márquez Figueroa , Jorge Luis García Alcaraz ,
and Arturo Realyvázquez Vargas 

Abstract This chapter discusses the concept of One-Piece Flow (OPF), its origins, scope, main critical success factors, and barriers. Also reports a small bibliometric analysis of OPF and Manufacturing and findings indicate that the United States of America is the country with the highest academic production on these topics, Lander, and Liker were the authors with the highest number of citations (150) and the International Journal of Production Research was the leading journal. In addition, it includes an application case where the material flow is shown at the implementation time in the production process of a packaging company working with a traditional batch system, and the fundamentals of OPF are implemented. The results show that OPF reduces delivery times by at least 34%, eliminating unnecessary transportation and activities that do not add value to the process, such as unnecessary product inspections.

Keywords One-piece flow · Lean manufacturing · Packing · Quality

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