

Reinventing the Factory : Productivity Breakthroughs in Manufacturing Today pdf

Roy L. Harmon

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DESCRIPTION OF THE BOOK REINVENTING THE FACTORY : PRODUCTIVITY BREAKTHROUGHTS IN MANUFACTURING TODAY

The "factory of the future" is here. We have the technology and professional knowledge, say leading manufacturing consultants Roy Harmon and Leroy Peterson, to implement revolutionary concepts that many managers might regard as futuristic. In this path-breaking book, Harmon and Peterson move beyond theory to document more than a hundred real-life applications of productivity improvement -- from the focused factory and assembly process design to the plantwide plan -- gathered from Andersen Consulting, Arthur Andersen & Co.'s offices around the world. The reorganization of existing plants into multiple "factories within a factory" is the single most important feature of productivity improvement, according to Harmon and Peterson. These smaller units known as subplants, are honed to the smallest practical size to ensure the highest level of productivity. Multiple subplants can be clustered to focus accountability and authority for production of product families into easily managed groups of processes. With hundreds of diagrams and using examples of companies that operate focused factories in dozens of countries, Harmon and Peterson detail both the physical and organizational changes required to make the focused factory a successful and profitable feature of a plant's modernization. In addition to creating subplants and subplant clusters, Harmon and Peterson show how manufacturers can dramatically increase productivity by adopting a plantwide plan. In its most basic form, the plantwide plan is a layout of a single factory. It includes, to the extent practical, not only the ideal layout but also step-by-step strategies for movement of individual processes from their current locations in the factory to final target destinations. Harmon and Peterson explain how managers can use the plantwide plan to eliminate the common problem of compromising ideals too early to accommodate assumed constraints and turn an existing factory into a competitive factory of the future -- today. Flexibility, creativity, and dynamic planning are key concepts for attaining superior manufacturing results. For plant modernization to be profitable, the organizational structure must keep pace. Achieving world class status is not enough. The new hallmark of excellence must be continuous improvement to maintain a superior position. The plans and suggestions outlined in Reinventing The Factory allow the entrepreneur the responsibility and authority to effect ongoing improvements and render processes

adaptable to reflect additions or removals of product lines, changes in sales volume over time and modifications resulting from previous or concurrent improvements. Harmon and Peterson provide the valuable tools and methods necessary to attain such goals. They highlight the dynamic nature of progress itself and show how managers can overcome the most tenacious habit: the resistance to change.

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"Reinventing the Factory" is an important and unique addition to the available literature outlining the path to world class manufacturing. Harmon and Peterson's experience has taught them the absolute need for commitment, dedication and leadership by top management. The "factory of the future" is here. We have the technology and professional knowledge, say leading manufacturing consultants Roy Harmon and Leroy Peterson, to implement revolutionary concepts that many managers might regard as futuristic. The "factory of the future" is here. We have the technology and professional knowledge, say leading manufacturing consultants Roy Harmon and Leroy Peterson, to implement revolutionary concepts that many managers might regard as futuristic. In this path-breaking book, Harmon and Peterson move beyond. Reinventing the Factory: Productivity Breakthroughs in Manufacturing Today, Vol. 1 by Roy L. Harmon, Leroy D. Peterson and a great selection of similar Used, New and Collectible Books available now at AbeBooks.com. Get this from a library! Reinventing the factory : productivity breakthroughs in manufacturing today. [Roy L Harmon; Leroy D Peterson] Reinventing the Factory: Productivity Breakthroughs in Manufacturing Today [Paperback] [2007] (Author) Roy L. Harmon, Leroy D. Peterson Paperback - 2007 5.0 out of 5 stars 1 customer review See all 3 formats and editions Hide other formats and editions Get this from a library! Reinventing the factory : productivity breakthroughs in manufacturing today. [Roy L Harmon; Leroy D Peterson] -- Documents more than a hundred real-life applications of productivity improvement. Do you want to remove all your recent searches? All recent searches will be deleted If you have access to journal via a society or associations, read the instructions below. Access to society journal content varies across our titles. If you have access to a journal via a society or association membership, please browse to your society journal, select an article to view, and follow. The "factory of the future" is here. We have the technology and professional knowledge, say leading manufacturing consultants Roy Harmon and Leroy Peterson, to implement revolutionary concepts that many managers might regard as futuristic. If you have the appropriate software installed, you can download article citation data to the citation manager of your choice. Simply select your manager software from the list below and click on download. Reinventing the Factory: Productivity Breakthroughs in Manufacturing Today Harmon and Peterson move beyond theory to document more than fifty real-life applications of Factory productivity improvement gathered from Arthur Andersen's offices around the world. 150 half-page drawings.

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experience has taught them the absolute need for commitment, dedication and leadership by top management. Reinventing the Factory: Productivity Breakthroughs in Manufacturing Today by Roy L. Harmon, Leroy D. Peterson The "factory of the future" is here. We have the technology and professional knowledge, say leading manufacturing consultants Roy Harmon and Leroy Peterson, to Reinventing the Factory: Productivity Breakthroughs in Manufacturing Today This book is in very good condition and will be shipped within 24 hours of ordering. The cover may have some limited signs of wear but the pages are clean, intact and the spine remains undamaged. Reinventing the Factory: Productivity Breakthroughs in. "Reinventing the Factory" is an important and unique addition to the available literature outlining the path to world class manufacturing. Productivity Breakthroughs in Manufacturing Today In fulfilling the requirements to complete a book review for the class Manufacturing Resource Planning, I have chose to review the book "Reinventing the Factory". Reinventing the Factory: Productivity Breakthroughs in Manufacturing Today This book is in very good condition and will be shipped within 24 hours of ordering. The cover may have some limited signs of wear but the pages are clean, intact and the spine remains Productivity Breakthroughs in Manufacturing Today by Roy Harmon & Leroy Peterson You need new techniques, not new machinery, to win the race for greater productivity. Lean production describes a manufacturing system that uses less resources to make a company's products. The term lean production was first used in the book, The Machine that Charged the World (Womack, Jones, and Roos, 1990), to describe the Toyota Production System. Cellular manufacturing is a process of manufacturing which is a subsection of just-in-time manufacturing and lean manufacturing encompassing group technology. The goal of cellular manufacturing is to move as quickly as possible, make a wide variety of similar products, while making as little waste as possible. Fishpond Australia, Reinventing the Factory: Productivity Breakthroughs in Manufacturing Today by Roy L Harmon Leroy D Peterson Buy . Books online: Reinventing the Factory: Productivity Breakthroughs in Manufacturing Today, 2007, Fishpond.com.au The successor to Reinventing the Factory provides examples of basic techniques, such as cross-training, new generation account systems, and the empowerment of subplant managers, that can lead to failsafe product and process quality. 12,000 first printing. "synopsis" may belong to another edition of.

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