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| Book Name: | [**Engineering Research: Perspectives on Recent Advances**](https://www.bookpi.org/bookstore/product/engineering-research-perspectives-on-recent-advances-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5373** |
| Title of the Manuscript: | **Layout optimization of a Maggi manufacturing plant to improve forklift operational efficiency** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**AIP Conference Proceedings, 2813, 020023 (2023)**

**Available:** [**https://doi.org/10.1063/5.0157887**](https://doi.org/10.1063/5.0157887)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **The manuscript addresses a practical issue in plant layout and materials management. It is important for operational efficiency in manufacturing environments. Despite the topic is relevant, the current manuscript lacks the depth, and analytical clarity required to make a significant contribution to the scientific community. With major improvements in methodology, presentation, and validation, it could potentially serve as a case-based reference for similar industrial settings. However, in its current form, its impact is limited.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title is average. It is somewhat basic and lacks academic precision. It can be revised to give a better reflection of the study.** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **The abstract has poor grammar with incorrect sentences. It lacks does not explain enough the methodology, the findings, and key results. The abstract has to briefly mention the methodology used, highlight key findings, and clearly define the contribution of the paper. A full rewrite is recommended for clarity and professionalism.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript lacks scientific majors. There is no mathematical modeling, analytical justification, or a strong detailed discussion of the optimization method used. The work appears more descriptive than analytical, with insufficient depth in methodology and validation. Major revisions are needed to improve the scientific soundness.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The manuscript includes only 8 references. I absolutely find it inadequate for a study of this nature. The literature review should be expanded to include more recent (from the past 5–10 years ) and relevant studies in the areas of plant layout optimization, production system efficiency, and materials handling.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Unfortunately not much. The English language quality is poor . The writing is basic and contains grammatical and structural errors throughout. A full language revision by a professional editor or a native English speaker is highly recommended.** |  |
| Optional/General comments |  |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Ahmet Mustafa Kangal, Bogazici University, Turkey**