

### Review Form 3

Journal Name:	<b>Journal of Engineering Research and Reports</b>
Manuscript Number:	<b>Ms_JERR_120063</b>
Title of the Manuscript:	<b>Finite element static analysis of the main beam of mobile moulder grooving machine</b>
Type of the Article	

#### **General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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#### **Important Policies regarding Peer Review**

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**PART 1: Review Comments**

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</li> <li>2. Is the title of the article suitable? (If not please suggest an alternative title)</li> <li>3. Is the abstract of the article comprehensive?</li> <li>4. Are subsections and structure of the manuscript appropriate?</li> <li>5. Do you think the manuscript is scientifically correct?</li> <li>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> <li>1. Yes, it is.</li> <li>2. Yes, it is suitable.</li> <li>3. No, it needs minor changes.</li> <li>4. Yes.</li> <li>5. Yes.</li> <li>6. No. I will suggest few latest references.</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. Is language/English quality of the article suitable for scholarly communications?</li> </ol>	<p>Minor changes required. I recommend using any free editing software like <a href="#">Grammarly: Free Online Writing Assistant</a></p> <ol style="list-style-type: none"> <li>1. The manuscript should be checked again to fix any typos such as missing spaces and commas.</li> </ol>	
<p><b>Optional/General</b> comments</p>	<ol style="list-style-type: none"> <li>1. Write few lines on the advantages of FEM,</li> <li>2. What is convergence criteria and what is the stability of this scheme.</li> <li>3. I suggest revising the abstract. The abstract should contain the summary of your work with best-achieved results from the performed analysis.</li> <li>4. The introduction is so short. Revise it. Cite these studies: <a href="https://doi.org/10.1140/epjs/s11734-022-00723-2">https://doi.org/10.1140/epjs/s11734-022-00723-2</a>, <a href="https://doi.org/10.1016/j.cmpb.2020.105313">https://doi.org/10.1016/j.cmpb.2020.105313</a>, <a href="https://doi.org/10.1007/s10237-020-01338-z">https://doi.org/10.1007/s10237-020-01338-z</a> <a href="https://doi.org/10.1140/epjp/s13360-022-02796-3">https://doi.org/10.1140/epjp/s13360-022-02796-3</a>, <a href="https://doi.org/10.1140/epjs/s11734-021-00044-w">https://doi.org/10.1140/epjs/s11734-021-00044-w</a>, <a href="https://doi.org/10.1016/j.cmpb.2020.105413">https://doi.org/10.1016/j.cmpb.2020.105413</a>, <a href="https://doi.org/10.1016/j.aej.2021.10.012">https://doi.org/10.1016/j.aej.2021.10.012</a>, doi: 10.1063/5.0200271, <a href="https://doi.org/10.1140/epjp/s13360-023-03963-w">https://doi.org/10.1140/epjp/s13360-023-03963-w</a></li> <li>5. Add nomenclature for all the symbols and abbreviations.</li> <li>6. Please use at least 2 non-linear complicated problems as an example.</li> <li>7. Add keywords and conclusion section.</li> </ol>	

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#### **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

#### **Reviewer Details:**

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