

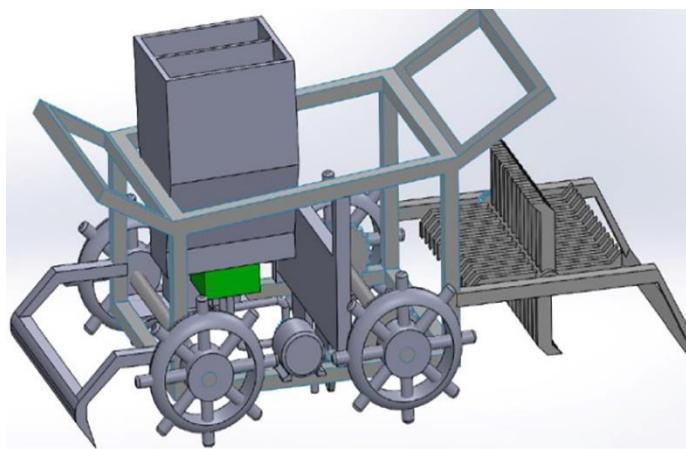
AUTOMATED SEED SOWING MACHINE

Challenges

- Seed dispensing Accuracy
- Soil and Terrain Adaptability
- Energy Efficiency
- Cost-effectiveness
- Integration with Other Processes
- Weather Resistance
- Automation and Control
- Durability and Maintenance
- Environment Considerations

Objectives

- Precision in Seed Placement
- Efficiency Improvement
- Reduction of Labor
- Adaptability to various Condition
- Enhanced Productivity
- Consistency in Sowing
- Easy of Use and Maintenance
- Energy Efficiency
- Integration with Modern Technology
- Environment Friendly Operation



AIM:

- Development of Automated Seed Sowing Machine
- To Enhance Efficiency
- To Reduce Labor
- To Promote Sustainability
- To Increase Productivity

IMPACT:

- It speeds up the sowing process compared to manual methods which helps in increasing the efficiency.
- Labor required is reduced after the use of Automated Seed Sowing machine.
- The Seed wastage is minimized.
- The productivity is enhanced, leading to increase income for farmers.
- It helps in limiting the overuse of fertilizers and chemicals, which helps in improving the health of the soil.

Guide

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