

# **Design and Fabrication of Automated Loading Trolley for Missile and Canister**

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## **Abstract**

The paper is all about designing an automatic system which will be used to load missiles in respective canisters. Till now the loading is done manually but it takes so much time as well as requires lot of human efforts hence basically our aim is to reduce loading time and the workforce required. This loading operation need to be performed automatically. For the said purpose Electro-Mechanical mechanism is designed. This mechanism performs required operation with accomplishing the time and efforts requirement efficiently. The peculiar characteristics of the development of this mechanism are versatility in utilising it for loading any type of missile into to the canister.

## **Keywords**

Missile canister, Missile Trolley, Automation, Design & Manufacturing, modelling and simulation.