

## Gas Tank Moving Series Equipment

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### ABSTRACT

The objective of gas tank moving series equipment project is for designing and developing gas tank not more than 48 kg. Focusing calculate variables that proper to design structure and other shapes of this equipment by using Finite Element Analysis method. Designing use engineering program to calculate then improve and develop model for testing. Testing of this equipment by 10 users that included Mechanical engineering students and entrepreneurs use this equipment move 15 and 48 kg of gas tank on 27-28 cm standard stairs and local level . The results show that it's actually work accord our objective.

**Keywords :** Gas tank moving series equipment, Calculating in mechanic part by using computer program