

Scissor Lift Operated by Solar System

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Abstract: *The following paper describes the information about fabrication of a simple mechanical scissor lift. Conventionally a scissor lift or jack is used for lifting heavy loads with less effort mainly in industries or any other fields where loads are lifted. It can be of mechanical, pneumatic or hydraulic type. The matter described in the paper is developed keeping in mind that the lift can be operated by mechanical means so that effort required to operate is less for lifting more weight. Also, such design can make the lift more compact and much suitable for medium scale work. This paper also gives information on how scissor lift works with different means (ex- mechanical, pneumatic and hydraulic), basic information about worm and worm gear, rack and pinion, types of lifts, advantages of the scissor lift, different types of gears, gear nomenclature, threads and scissor arms.*

Keywords: Solar System

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