

## Durian Opener

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A local product requires a local tool to operate. The *durian* fruit opener is a tool designed to cater for the need of promoting tropical climate fruits to international market. Physically, the *durian* is thorny and quite difficult to open. Every species of *durian* has different rind thickness where traditionally, the *durian* is opened using hand tools, i.e. knife or *parang* and assisted by a gloved hand. It requires special skills and knowledge only known to some local people. In a local environment, the consumer will hold the *durian* on one palm and strike open the *durian* at the centre of the striate with a knife. Based on this mechanism, much force is applied. The thorns on the *durian* skin can easily hurt the hands. Therefore, women seldom open the *durian* on their own. This '*Durian Opener*' is specially designed and crafted by Chong Wei Wei to ease users who want to enjoy this fruit at home. The design is a portable household *durian* opener. Using this device, the task will use less force since the opener is convenient, safe and easy to use. Furthermore, besides encouraging *durian* to be promoted to international market, this device's design caters to users with different abilities including women and elderly people as it requires less force with high safety features.



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