

桌上型圓盤鋸之創新安全保護裝置

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摘要

The invention provides a safety improvement protective device for workers of interior decoration when use the circular table saw. The protective device can be added-on existing circular table saws, which can be adjusted to horizontal and vertical position to cover the circular saws. The protective device cover is composed of transparent plastic material and swivable leaves, that increases the covering area while cutting materials. An extended application of the invention is to add the wireless sensor to detect the alarm area. As a result, when the worker's hands move in into the alarm area, the system will switch off automatically. The innovative device archives several advantages including the follows:

1. Provide maximum cutting protection area.
 2. Prevent the dust emitted while cutting materials.
 3. Proactively prevent the worker's hands moving into the alarm area.
 4. It is convenient to carry and install, and adjustable to the various dimensions of different types of circular table saws.
 5. The wireless sensor can switch off the power as danger happens.
- With such a device, the safety of worker will be improved significantly.

關鍵字：CIRCULAR SAW PROTECTIVE DEVICE