

# 磁盒的使用方法和放置

## USAGE AND PLACEMENT OF THE SHUTTERING MAGNET

Since the high-performance permanent magnet material used in the Shutter Magnet is sintered from rare earth elements, its texture resembles that of ceramics—hard and brittle, making it prone to breakage. It is essential to handle the magnet with care to prevent damage to its internal components. Therefore, during the use of the Shutter Magnet, avoid dropping or striking it. When removing the mold, do not throw it from a distance. Additionally, refrain from using hard tools, such as metal hammers, to knock or bump the magnet, as this may lead to deformation. Please refer to the illustration below:



There is an on/off switch located on the Shutter Magnet. To operate, place the Shutter Magnet on the platform and press the switch. The Shutter Magnet will adhere firmly to the platform and enter an active state. To deactivate, use a crowbar to pry up the switch. This action significantly reduces the holding force between the Shutter Magnet and the platform, placing the Shutter Magnet in a released state, allowing the magnetic box to be moved. Refer to the figure below for clarification.



When activating the Shutter Magnet switch, do not use a metal hammer to strike it directly. Instead, it is advisable to press it down with the sole of your foot, applying your body weight. However, avoid lifting your foot and stomping down forcefully to prevent slipping and potential injury while stepping on it.



If you need to use tools, it is advisable to use a rubber mallet to tap gently.

After using the shutter magnet, it should be cleaned and stored on a stainless steel cart to maintain its cleanliness and ensure convenience for future use. The shutter magnet must not be placed on an iron cart, as it may become magnetically attracted and difficult to remove. If the magnet will not be used for an extended period, it is advisable to apply anti-rust oil to the lower surface of the shutter magnet that contacts the mold table after cleaning. This will help prevent rusting, which could compromise the magnet's suction and holding strength.

