

# Permanent Magnet Lifting Device

This permanent magnet lifting device enhances the clamping efficiency of magnetic steel materials. Its core component is a high-performance rare earth material NdFeB, activated via a hand-pulled suction cup handle rotation for secure workpiece engagement and release.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Magnetic Lifting

This permanent magnetic lifter is designed to significantly improve material clamping efficiency in machining environments, such as mold and machinery factories. Utilizing a high-performance NdFeB rare earth core, it provides a powerful magnetic field for secure handling of steel plates and cylindrical workpieces. The device operates via a simple handle rotation, requiring no external power source, making it an efficient and versatile tool for industrial material handling.

## Key Features

### Features

- Nd-Fe-B magnet core for compact size and strong, lasting force
- High safety factor (up to 3.5x pulling force)
- V-style bottom design for flat and round steel
- No external power required
- Optimized circuit for near-zero residual magnetism
- Ergonomic handle design

## Technical Specifications



Ergonomic design features a natural rubber grip, safety cock for one-hand operation, and a durable nickel-plated shackle.

### Lifting Capacity

**10000 kg**

Max Lifting Capacity

**3.5 x**

Safety Factor

### Construction Details

- Core: NdFeB Rare Earth Magnet
- Shackle: Nickel-plated, rust-proof
- Grip: Natural rubber, skid-resistant

### Operating Conditions

Temperature: -40°C to +80°C, No Power Required, One-Hand Operation