

# Holding Magnet for Pilot Ladder

Model: HX-500 IMPA: 232093

## Technical Specifications

- **Holding Magnet Size:** L305mm x W155mm x T55mm
- **Material:** Iron, Steel
- **Clamping Force:** 500kg
- **Weight:** 4.2kg
- **Color:** Yellow
- **Tightening Belt Size:** L485mm x W45mm

## Content

### Holding Magnet Set

- (1) Holding Magnet - 1Pc
- (2) Tightening Belt - 1Pc
- (3) Storage Box

## Certifications

- **Approval:** CCS certificate
- **Standard:** Q/HXXP001-2004
- **Scope of Testing and Result:** The magnet is attached to the fixed iron plate and maintains a pulling force of 500kg for 5 minutes without loosening.



## Manufacturer



Dongtai Martian Ship Equipment Co., Ltd.



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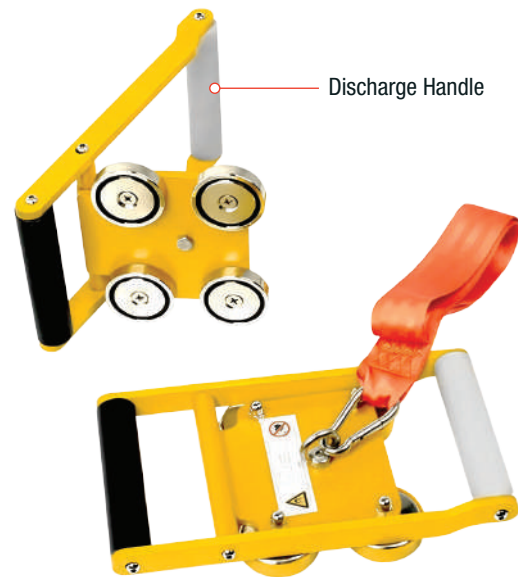
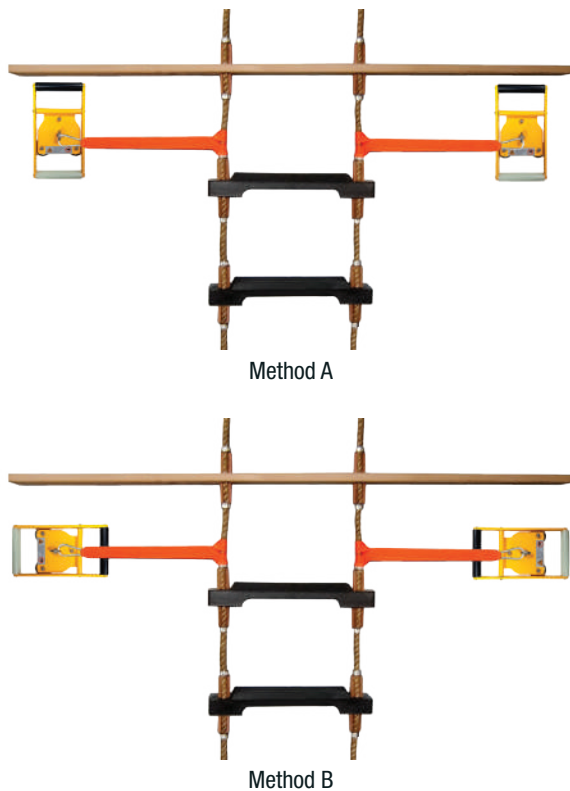
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Mars Safety International Pte Ltd is the Singapore Overseas Branch of Dongtai Martian Ship Equipment Co., Ltd.

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## How To Install HX-500 Holding Magnets

**Note:** There are two methods to install the holding magnets onto the pilot ladder, either option is acceptable.



- (1) When installing, make sure the discharge handle is positioned at a right angle to the magnet.
- (2) Lower the handle down toward the vessel to ensure that the magnet is securely fastened to the surface.
- (3) Secure the magnet to the pilot ladder using the supplied tightening belt.
- (4) To remove the magnet, first take off the tightening belt, then raise the discharge handle to a right angle and lift the magnet away from the surface.

## Product Features

- Provides removable anchor points for the pilot ladder on the ship's side. Can also be utilized for anchoring floating spill booms and maintenance vessels.
- Designed to endure harsh marine conditions, these products feature no internal moving parts or entry points for seawater.
- Lightweight at 4.2kg, it delivers over 500kg of clamping force, even through layers of paint, salt scale, and grime on a ship's hull.
- Discharge handle makes the magnet easy to attach and detach.
- Powder-coated in safety yellow for high visibility.

**Important Note:** Never place your hands or fingers between the magnet and a steel surface. When the magnet is brought within 80-100mm of the steel surface, they connect rapidly and with significant force, which can lead to serious injury.



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