

# Holding Magnet for Pilot Ladder

Model: HX-300    IMPA: 232093

## Technical Specifications

- **Holding Magnet Size:** L300mm x W140mm x T55mm
- **Material:** Iron, Steel
- **Clamping Force:** 300kg
- **Weight:** 3.5kg
- **Color:** Yellow
- **Tightening Belt Size:** L450mm x W40mm

## 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 300kg for 5 minutes without loosening.



## MARINE SAFETY ESSENTIALS

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Marine Safety Essentials

Disclaimer: Accuracy of all technical data and information are provided to the best knowledge of the manufacturer. Properties, specifications and application parameters are subject to change without notice. The manufacturer does not undertake any liability of any kind whatsoever.

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

No.1 Tuas Link 1, Singapore 638583    Tel.: +65 6862 1212    Fax: +65 6897 9959    For Orders, please send enquiry to [Sales@mars-safety.com](mailto:Sales@mars-safety.com)

## How To Install HX-300 Holding Magnets

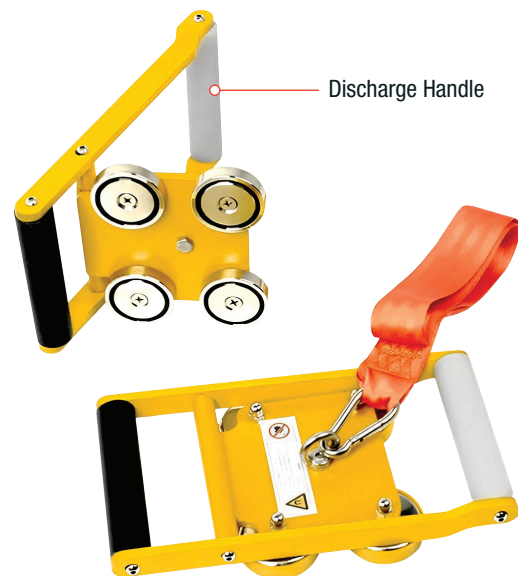
**Note:** There are two methods to install the holding magnets onto the pilot ladder, either option is acceptable.



Method A



Method B



Discharge Handle

- (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 3.5kg, it delivers over 300kg 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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