

HULL & BOOM MAGNET INSTRUCTION MANUAL

Thank you for choosing our products!

Pilot Ladder Magnets, also known as Ship, Hull Magnets or Boom Magnets and Pilot Ladder Anchoring Magnets, protect lives and help minimise spill damage at sea. Every day, sea pilots board large vessels to assist in bringing them to safe harbour. Their job involves a sometimes precarious transition from a pilot boat to the ship, via a pilot ladder. These men and women are experts at this transition but nonetheless, safety is paramount.

Pilot Ladder Magnet has been specially developed to make life safer for sea pilots by providing removable anchor points for the ladders on the ship's side. These Pilot Ladder Magnets are designed to withstand aggressive marine environments and have no internal moving parts or entry points for sea water - a natural enemy of neodymium magnet material. Powder-coating in safety yellow for high visibility, and resin encapsulation of magnetic elements makes the product seaworthy.

In addition they are lightweight at around 3 kgs, yet immensely strong, providing more than 400 kgs of clamping force even through many layers of paint and salt scale and grime on a ship's hull. Hull magnets are also used to anchor floating spill booms and maintenance vessels and are also known as Boom Magnets.



WARNING

Keep this Notice with magnets!
These magnets are designed to clamp to steel surfaces 400-600kgs!

Never place hands or feet between the magnet and a steel surface. When brought to within 80-100mm(3-4inches) of a steel surface, the two come together with great speed and forces which can result in serious personal injury.

HOW TO ATTACH AND REMOVE

When putting the magnet in place, always have the discharge handle at right angles to the magnet. In this way, the magnet can be positioned and then handle lowered to allow controlled full magnet face contact with the steel surface.

To remove the magnet, raise the discharge handle to the right angle position, and lift the magnet clear of the steel surface.

IMPORTANT – DURING TRANSPORTATION

When transporting the magnet from place to place, care must be taken to keep magnet face away from steel surfaces, piping etc.

Do not place magnet in close proximity to computers, credit cards, magnetic navigation equipments, or anything which may have a magnetic strip, or it would be wiped. If you have a heart pacemaker or similar medical device, do not place the magnet in close proximity to your chest. Never 'test' the magnet strength with hand tools, the magnet will move faster than your fingers!

MAINTENANCE

Visually inspect magnet working faces, and remove any loose ferrous material which may have collected on the face during usage.

Cleaning can be carried out, by simply wiping a steel wire brush across the face of the magnet. The wire points become highly induced, and the swarf will be attracted to the brush.

Make sure discharge handle is moving freely, oil pivot points as required.

Store magnet safely in a timber box of a designated place on a steel plate to minimize danger and collection of ferrous particles, if a set of two is supplied in a wooden box, always return them to the box in the original orientation.