

# MIKO MARINE

## UNDERWATER MAGNETS

### A full range of magnets resistant to sea water

#### MAM-Light

MAM-Light is the most compact Miko Anchor Magnet, yet it has a holding force equivalent to the weight of an adult man. Thanks to its handy size and minimal weight, this magnet is easily handled by divers in any situation.

The magnetic component consists of neodymium which is coated with epoxy to improve its corrosion resistance in sea water. The magnet is equipped with a breaking lever for easy release and safe operation.

All Miko Magnets are shipped in a double-skin steel box to isolate the magnetic field and to prepare them for air freight.

**Holding force:** 90 kg\*  
**Footprint:** 150x50mm  
**Gross weight (Box):** 4 kg  
**Quantity in box:** 1 pcs



\* Refers to the perpendicular holding force when applied directly onto a clean mild steel plate of minimum thickness 30mm.

#### MAM-001

MAM-001 has a holding force of 150 kg\* and can be used for fastening equipment such as Miko Plasters®, diving equipment, guide wires or anchor points for divers to ship sides or other steel structures.

The magnetic component consists of neodymium which is coated with epoxy to improve its corrosion resistance in sea water. The magnet is equipped with a mooring lug and breaking lever for easy release and safe operation. The bottom is filled with a rubber filling for increased friction and improved usability.

All Miko Magnets are shipped in a double-skin steel box to isolate the magnetic field and to prepare them for air freight.

MAM-001 is also available in a watertight plastic case with in-built magnetic shielding.

**Holding force:** 150 kg\*  
**Footprint:** 155x115mm  
**Nett weight:** 3 kg  
**Gross weight (Box):** 7 kg  
**Quantity in box:** 1 pcs



Optional water-tight case



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Distribution:  
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### MAM-003

MAM-003 has a holding force of 450 kg\* and can be used for fastening large devices such as oil booms or any type of diving equipment to ship sides or other steel structures.

The magnetic component consists of neodymium which is coated with epoxy to improve its corrosion resistance in sea water. The magnet is equipped with a mooring lug and breaking lever for easy release and safe operation. The bottom is filled with a rubber filling for increased friction and improved usability.

All Miko Magnets are shipped in a double-skin steel box to isolate the magnetic field and to prepare them for air freight.

MAM-003 is also available in a watertight plastic case with in-built magnetic shielding.

**Holding force:** 450 kg\*  
**Footprint:** 155x115mm  
**Nett weight:** 4 kg  
**Gross weight (Box):** 8 kg  
**Quantity in box:** 1 pcs

\* Refers to the perpendicular holding force when applied directly onto a clean mild steel plate of minimum thickness 30mm.

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Optional water-tight case



### MAM-003S

MAM-003S has a holding force of 500 kg\* and can be used for fastening and securing tools and equipment to ships sides and other steel structures for a long period of time.

The magnetic component of MAM-003S is encapsulated in a stainless steel housing to further improve its corrosion resistance and durability for long periods of sea water exposure. The magnet is equipped with a mooring lug and breaking lever for easy release and safe operation. The bottom is fitted with a rubber filling for increased friction and improved usability.

All Miko Magnets are shipped in a double-skin steel box to isolate the magnetic field and to prepare them for air freight.

MAM-003S is also available in a watertight plastic case with in-built magnetic shielding.

**Holding force:** 500 kg\*  
**Footprint:** 155x115mm  
**Nett weight:** 4 kg  
**Gross weight (Box):** 8 kg  
**Quantity in box:** 1 pcs

Optional watertight case



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### MAM-005

MAM-005 has a holding force of 1.000 kg\* and can be used for heavy duty applications such as fastening oil booms, fenders or temporary mooring to ship sides or other steel structures.

The magnet is equipped with a mooring lug and a rotating lever for easy release and safe operation.

All Miko Magnets are shipped in a double-skin steel box to isolate the magnetic field and to prepare them for air freight. The MAM-005 is also shipped with a keeper disk for further shielding

<b>Holding force:</b>	1.000 kg*
<b>Footprint:</b>	282x183mm
<b>Nett weight:</b>	8 kg
<b>Gross weight (Box):</b>	21 kg
<b>Quantity in box:</b>	1 pcs



\* Refers to the perpendicular holding force when applied directly onto a clean mild steel plate of minimum thickness 30mm.

### MAM-00X

MAM-00X is the strongest Miko Anchor Magnet with a holding force of 2.000 kg\*. Applications might include the temporary fastening of oil booms, large fenders or mooring lines to ship sides and other steel structures.

The magnet is equipped with a mooring lug and a rotating lever for easy release and safe operation.

All Miko Magnets are shipped in a double-skin steel box to isolate the magnetic field and to prepare them for air freight. The MAM-00X is also shipped with a keeper disk for further shielding

<b>Holding force:</b>	2.000 kg*
<b>Footprint:</b>	319x180mm
<b>Nett weight:</b>	18 kg
<b>Gross weight (Box):</b>	31 kg
<b>Quantity in box:</b>	1 pcs





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### MPHM-002

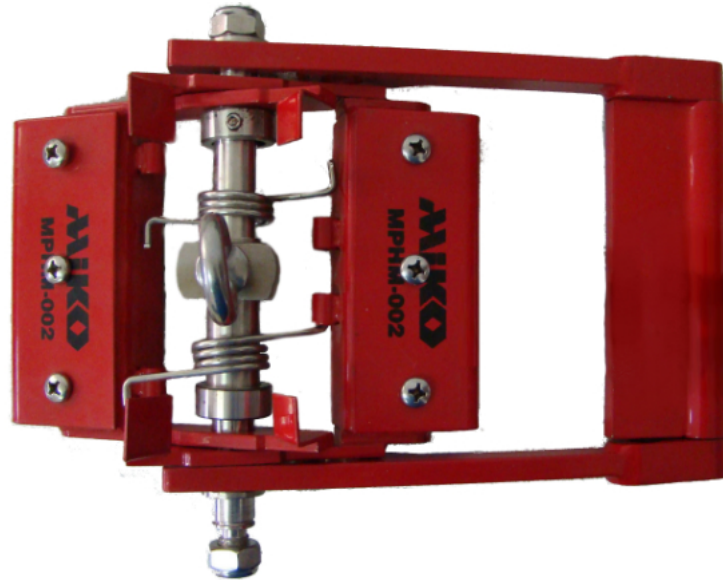
The MPH-002 is a strong and versatile pipe-holding magnet for attaching to pipes of a diameter 8" to 42".

The magnetic component consist of neodymium which is coated with epoxy to improve its corrosion resistance in sea water.

With a holding force of 150\* kg, the magnet can be used for fastening diving equipment, guide wires or anchor points for divers to pipes or other cylindrical steel structures.

The magnet is equipped with a mooring lug and a breaking lever for easy release and safe operation.

**Holding force:** 150 kg\*  
**Footprint (flat):** 188x120mm  
**Pipe diameter:** 8"-42"  
**Nett weight:** 8 kg  
**Gross weight (Box):** 12 kg  
**Quantity in box:** 1 pcs



\* Refers to the perpendicular holding force when applied directly onto a clean mild steel plate of minimum thickness 30mm.

### Magnet Case 001/003

The Miko Magnet Case 001/003 is a robust and watertight container for safe handling of Miko Anchor Magnets MAM-001 and MAM-003.

The case provides complete protection against dust and can be immersed in water for short periods. The interior is also fitted with several layers of shock absorption material, which makes it suitable for rough handling and harsh environment where the magnets are often used and stored.

It has built-in insulation of the magnetic field, which means that it can be used for air freight without a dangerous goods declaration. In addition, there are no loose parts inside the case, enabling it to be used repeatedly without any pieces being lost., while saving time for packing and unpacking.

### Ingression Protection Rating:

IP67

**Dimensions:** 33x29x22cm

**Weight (Empty):** 6 kg

**Weight (with magnet):** 10 kg



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### MPM-Series

The compact and powerful Miko Permanent Magnets are used for a wide range of applications. The material consists of Neodymium which is epoxy-coated for corrosion resistance in sea water. Each type comes in boxes of 10 pcs, packed in a double-skin container to isolate the magnetic field and prepare it for air freight.

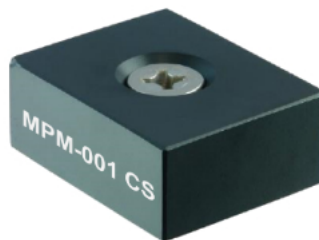
**Holding force:** 60 kg\*  
**Footprint:** 40x50mm  
**Height:** 20mm  
**Nett weight:** 0.3 kg  
**Gross weight (Box):** 7 kg  
**Quantity in box:** 10 pcs

Types are:

MPM-001

MPM-001 CS with a M8x30mm countersunk screw

MPM-002 with a 5x5mm flange, compatible with MHT-002 handling tool



\* Refers to the perpendicular holding force when applied directly onto a clean mild steel plate of minimum thickness 30mm.

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### MMW-001

The Miko Magnetic Wheel is a powerful magnet to be used on vehicles above and below the waterline. The magnetic component consist of neodymium and is coated with epoxy to improve the corrosion resistance in sea water. The hollow cylinder allows for a shaft to be fastened in the centre.

The Magnets comes in boxes of 4 pcs, packed in a double-skin container to isolate the magnetic field and prepare it for air freight.

**Holding force:** 80 kg\*  
**Outer Ø:** 54mm  
**Inner Ø:** 15mm  
**Length:** 39mm  
**Nett weight:** 0.3 kg  
**Gross weight (Box):** 7 kg  
**Quantity in box:** 4 pcs

