

Miko Marine Miko Fix



Miko Fix

Miko Marine Norway Miko Fix

Miko Fix® is a battery-powered fastening system for underwater drilling and fastening. The compact and versatile system can be used for a large variety of underwater tasks, including operations where hydraulics or pneumatics are normally required.

The underwater drill can be operated at water depths down to 50 m. The drill is equipped with a speed setting, rotational direction switch, LED lights and a torque setting with 16 steps. The drill and drill stand are supplied in a waterproof tool case.

Typical applications:

- Anode fixing.
- Fastening of FlexiShape Miko Plaster.
- Fastening anchor points for guiding or lifting wires.
- Fastening brackets or adaptor plates for other tools.

The drill is mounted into a jig, and the system is kept in a secure and stable position on a magnetic foot plate. The holding force of the magnet (up to 500 kg) enables the diver to operate the tool efficiently in any orientation, as well as ensuring the necessary counterforce needed to drill and secure the Miko bolt to the hull within a few minutes.

The self tapping Miko bolt can penetrate up to 22 mm of thick steel plates.

The intuitive system is easily positioned and secured to the drilling surface by the magnet. The Miko bolt is secured in the screw holder. The drilling position can be adjusted accurately by rotating the drill around the center rod.

When the drill is positioned as desired, pull the handle to feed and press the On/Off trigger switch to start drilling. Use the magnet lever to release and reposition for a next bolt or drill hole.

Packed in an IP-67 rated tool case with in-built magnetic shielding, the Miko Anchor Magnet can be shipped by air without restrictions.

Shipping and storage:

The kit is shipped in a transport / storage box measuring 45x37x111 cm with gross weight of approx. 22 kg.



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Mechanical Properties:

Depth rating (max.): 50 m
Weight in water: 6 kg
Battery rating: 18V, 6Ah
Box size: 45x37x111 cm
Air Freight: Unrestricted

Drill & Jig:

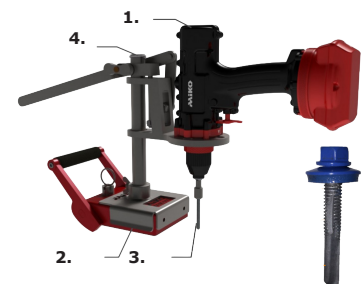
Weight in water: 5,5 kg
Weight in air: 10 kg
Torque (Max.): 39 N/m
Chuck size: 13 mm

Magnet:

Weight in water: 3 kg
Weight in air: 10 kg
Hechttoppervlak: 155x115 mm
Hechtkracht: 450 kg

Contents:

1 pcs Cordless Electric Drill
1 pcs Drill Mount Bracket Stainless Steel
1 pcs MAM-003S Miko Anchor Magnets
1 pcs Magnet Case MMC-001/003
2 pcs Screw Holder
40 pcs Miko Bolt 16-38 mm
40 pcs Miko Bolt 22,5-50 mm
1 pcs Spare Battery 6Ah
1 pcs Spare Chuck
1 pcs Pump to pressurize drill
1 pcs Battery Charger
1 pcs User Manual



1. Underwater Drill:

The underwater drill can be operated at water depths down to 50m. The drill is equipped with a speed setting, LED lights and a adjustable torque up to 39 Nm.

2. Magnetic Foot

The up to 450 kg holding force of the magnet enables the diver to operate the tool efficiently in any orientation, as well as ensuring the necessary counterforce needed to drill and secure the Miko bolt within a few minutes.

3. Miko Bolt

The self tapping Miko Bolt drills, cuts threads and fixes. The customized bolt is made of high quality steel and penetrates up to 22mm thick steel plates. The Miko Bolt has a shear capacity of 700 kg.

4. Jig

The Drill Jig enables the diver to feed the drill with the necessary force. All components are made from stainless steel or a sea water resistant bronze alloy.

Article No.	Description
75MIK21300	Miko Marine Miko Fix Complete set
75MIK21310	Miko Bolt 38 mm (16 mm steel) 100 pcs
75MIK21320	Miko Bolt 55 mm (22,5 mm steel) 100 pcs