



The **Powerbrush basic kit** (in this picture) is best suited for cleaning hulls on boats with a beam up to approx. 2.5 m.

The **Powerbrush PRO** is equipped, with a very sturdy 28mm thick shaft, twice as much buoyancy, and a meter long extension, as well as a wider brush and scraper. Thanks to these, you can reach the bottom of boats with a beam up to 4.5 m, as well as keels on sailboats.

USERS MANUAL

Fasten the boat alongside the dock, with approximately one meter between the boat and the dock. Stand on the dock while working. Prefer a low dock, as it requires less space between the boat. Floating docks are optimal, as they are relatively low in all water conditions. Work in calm weather if possible. When it's windy, you will need help to keep the boat off the dock. The brush can to some extent be used from the deck of the boat. This however is not that comfortable, and in addition cabins, railings, and other deck structures can form obstacles while working.

The rough Original brush and the softer Wide Soft brush are universal brushes for fouling as seaweed and slime. The nylon scraper is needed to remove barnacles after they have formed hard shells. You can supplement with various tools such as Wide Supersoft, which is optimal for slime and gentle for sensitive paint surfaces such as silicone paints.

Attach the tools so that the wing nuts are on the outside of the toolholder when the boat has a V-shaped hull. The tools and the wing nuts come on the inside of the tool holder if the boat has a keel. By doing this you avoid unnecessary contact between the bolts and the bottom of your boat. If you want to make sure that the bolts or the shaft do not under any circumstances, meet the bottom of your boat, you can buy an extra protection (Hull Guard) that fits both Powerbrush and Powerbrush PRO.

Learn to understand the shapes on the bottom of the boat. For example, when the hull of the boat has round shapes, it is often easiest to start brushing from the middle and progress forward or backward. In this way, the buoyancy forces the brush towards the bow or stern in the direction the hull rises. For the same reason, the work starts from the stern when it comes to a motorboat with a V-shaped hull. When the boat has rails underneath, you brush one space at a time, starting from the back and working your way forward.

You can reduce the buoyancy by letting water into the tank. It makes work easier if you have difficulty controlling the brush, or when the boat has a clinker-built hull or small rails, over which the brush must slide. When cleaning vertical surfaces such as the keel or the rudder under the boat, remove the canister and canister holder to eliminate buoyancy. The angle of the tool holder can be adjusted according to the bottom shape of the boat. Loosen the holder by opening the wing nut, so that the lock washer prongs can be lifted out of the holes and adjust the holder to desired angle.

Work systematically and calmly to learn how to follow the shapes of the bottom. Start the work by finding where the keel is. Keep the brush straight towards the boat while working. Plan whether to brush the bottom in sections or with one stroke, and what angle of the toolholder to use on various areas. Brush slowly, allowing buoyancy to do most of the work. In this way, the pressure is kept against the hull when you brush, and you will learn to read the bottom of your boat.

Seabest brushes are effective tools that require some practice to work with smoothly. By following these instructions, you will succeed cleaning the hull already the first time, and after a few times of practice, the work is smooth.

The need to clean the hull varies in different areas and depending on the use of the boat. It pays off to follow how and when fouling builds up on the hull, to optimize the brushing intervals. Especially barnacles are good to brush off as the shell is still small and soft. As an example, in the Baltic Sea region, the need to brush the bottom is approximately three times per season. The barnacles usually settle here in late July or early August. A clean hull has a significant impact on your boat's performance, handling characteristics and fuel economy.

It is good to use hard, durable, and biocide free coatings on the bottom of the boat. In this way, toxins and/or microplastics do not escape into nature from erosion-sensitive paint layers. Seabest Easy Clean is a coating developed for boats that use any kind of brush washing. The surface is extremely hard and durable with a service interval of approx. 8 years.

We hope these instructions were helpful.