

BENEFITS

Trawl-resistant

Immense strength due to ribbed dome shape

Corrosion-resistant

Easy-to-handle

External mounted lead ballast

Lightweight



Battery Mount

Canister Gimbal

Canister Gimbal

Standard Gimbal

The Oceanscience **Barnacle** platforms provide the strongest protection available for your Doppler profiler or other sensors. Hand-laid heavy fiberglass construction provides immense strength and excellent resistance to corrosion. The low profile, wide stance and integral lead ballast make these platforms highly resistant to overturning. The modified dome cross section has a grooved surface for strength. There are no corners or edges to snag.

Externally inserted lead ballast makes the Barnacle easy to handle on deck and easy to deploy from any size boat. The optional canister gimbal insert houses the gimballed instrument so that the entire assembly may be easily removed by a diver.

The standard Barnacle bottom is open with a landing flange around the perimeter. For soft seafloor deployments, a semi-closed base can be added to the landing pad.



Barnacle 53

Barnacle 53

Diameter: 53" (1346 mm)
Height: 18" (457 mm)
Wall thickness: 3/8" (9.5 mm)
Color: White

Weights

Shell in Air: 60 lbs (27 kg)
Shell in Water: 25 lbs (11 kg)
Shell/Ballast in Air: 162 lbs (73.5 kg)
Shell/Ballast in water: 115 lbs (52 kg)

Barnacle 60P

Width: 60" (1524 mm)
Length: 76" (1930 mm)
Height: 25" (635 mm)
Wall thickness: 3/8" (9.5 mm)
Color: White

Weights

Weight in air (includes ballast): 300 lbs (136 kg)
Weight in water: 200 lbs (90 kg)

Options

- Battery mount instrument gimbal
- Drop-in canister gimbal assembly
- Increased landing pad area
- Extended mount for pop-up buoy
- Color upgrade: orange and white



Barnacle 60P

OCEANSCIENCE

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