

# DJB -1243

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## Survey Craft for Small Water Body Sediment Mapping and Sampling

The DJB-1243 has been specifically designed to serve as a portable shallow draft work platform for sub-bottom profiling and core sampling of small or shallow water bodies. The DJB is particularly useful for water bodies without launching ramps as it can be transported in the bed of a pickup truck and hand carried by two people for assembly at the water's edge. In the unassembled configuration the two hull sections stack on built in stacking points.

The assembled platform will accept small outboard motors and functions as a stable survey craft. Installed mounts are included for a GPS antenna, Beacon antenna, depth transducer and sub-bottom profiling transducer array, BSS+, SURVEYCASE or BATHY-CASE survey instruments.

The DJB can serve as a platform for core sampling with SDI's VIBE-CORE coring device. With this DJB-CORE option, the DJB is equipped with three point mooring equipment, a spud pole shallow water anchoring system, a derrick with hand winch, and core tube racks for storage of both unused core tube and core samples. The DJB is also equipped with operator seating and reserve flotation and a mount point for the Vibe-Core power switch.

DJB-1243 Setup with Vibe-Core  
and Core Tube on Rack

### DJB- 1243 Specifications

Length: 12 '  
Assembled Beam: 8' 8"  
Transport beam: 3' 10"  
Freeboard (loaded): 8"  
Draft (Loaded ): 6"  
Outboard maximum power: 10 HP  
Transom Height: 16"  
Weight (per section): 110 lbs.  
Capacity personnel/equipment: 500 lbs.  
Stacking points: 4  
Antenna mounts: 2  
Transducer Mount :1.5" pipe

### DJB-CORE Option

Height: 8'  
Legs: 3  
Pivots: 2  
Hand winch Capacity: 125' 3/16" wire  
Spud pole receivers: 4  
Anchors: 3  
Core Tube Rack: 8 core tubes  
Core tube storage: 12'  
Material: Aluminum  
Fittings: Stainless steel

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