

## *Vessel specifications SV Supporter*

### **General information:**

Name: Supporter  
Flag: Dutch  
Built: 2000  
Length: 9.55 m  
Width: 3.48 m  
Draft: 0.90 m  
Gross Tonnage: 8 ton

### **Speed:**

Max speed: 28 knots  
Cruising speed: 20 knots  
Survey speed: 3-15 knots

### **Fuel consumption:**

Total capacity: 900 L Diesel  
Cruising speed: 60 L/h  
Survey speed: 15 L/h

### **Navigation equipment:**

Radar: Raymarine  
AIS: Class A  
VHF: 2x Sailor DSC VHF

### **Machinery:**

Engines: 2x Yanmar 6 LP  
Output: 2x 250 HP  
Propulsion: 2x Mercruiser Z-drive



### **Additional vessel information:**

There is space for 4 persons in total during survey operations including 1 skipper, 2 surveyors (depending on the scope of work) and a client representative. There is a toilet, refrigerator and kitchen onboard.



## Survey Equipment:

GNSS: Trimble BD982 dual antenna RTK  
GPS-RTK accuracy: 1 cm with Ekinox-E INS  
Gyro: Trimble BD982 with SBG Ekinox-E  
Gyro accuracy: 0.05°  
Motion: SBG Ekinox-E INS  
Motion accuracy: 0.02°, 5cm heave, 2.5cm delay heave  
Sound velocity: AML MinosX SVP  
Multibeam: Kongsberg EM2040c dualhead  
Singlebeam: Reson Navisound 620  
Transducers: 2x 200Khz 9° 1x 33khz  
Software: Navaq/Qinsy

## Additional survey equipment:

If required the Supporter can also be equipped with an ADCP, Sub bottom profiler or Towing an SSS/ magnetometer

