



**surfbee.io**

Allowing the operator  
to focus on the **DATA**,  
not the deployment



**surfbee.io**

# Why would you use a Surfbee Autonomous Surface Vessel?



## Autonomous

With the Surfbee App, you can deploy entirely autonomous functions, deploying Bathymetry or ADCP measurements (stationary or moving boat method) with just one click.



## Dual GNSS with Heading

Dual GNSS with heading capabilities as standard. This represents a big step into autonomous operations.



## Sensor - Agnostic

With one Vessel you can seamlessly adapt to different sensors from different manufacturers, easily integrating to provide GNSS from the Surfbee brainbox



## Real-time Data

Collect exponentially more data than traditional procedures, accessing real time telemetry, RTK corrections as standard and onboard camera via Surfbee App



## Powerful & Lightweight

With max speed of 4m/s, our vessels are designed for harsh conditions and easy transportation. Our transmitter has long range and it's dust and spray-proof



## Safer Deployment

Spend less time on boats and exposure to the elements by replacing days of manual measurements with a single mission.



Bathymetry, Discharge and Current Profiling



Remote Data Acquisition



Water Quality



Baseline & Bottom Monitoring



Water Velocity



Source Water Mapping



Imaging with Side Scan Sonar



Dual-GNSS for Reliable Heading



Depth Measurement



Point Source and Nonpoint Source Mapping



Real-Time Positioning

# Flow Seeker

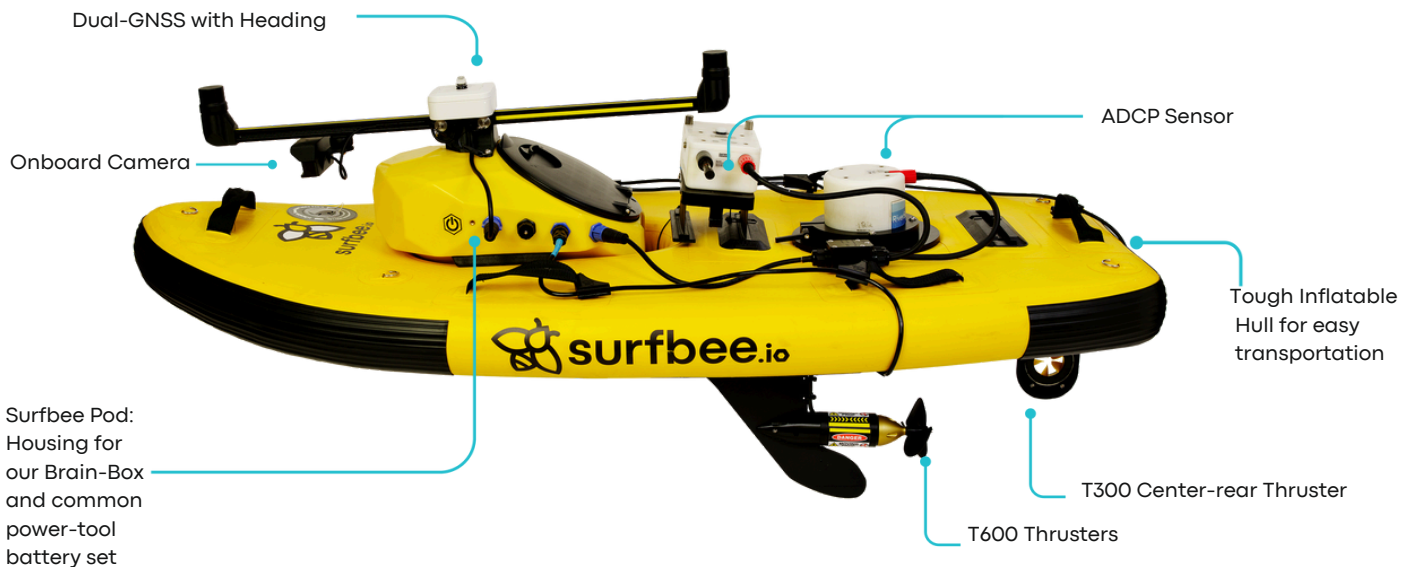


The daily driver and workhorse of the range, designed for a wide variety of gauging sections and sensor deployments. It's maneuverable, portable, and can adapt to various sensors and handle tricky situations. The inflatable hull allows for easy transportation, storage, and replacement. Autonomous transects and bathymetry as standard.

## Flow Seeker Specifications

Top Speed	4m/s
Dimensions	1.65 m X 0.75 m X 0.1 m
Weight	13.5 Kg (no batteries)
Temperature Range	-10C to +45C
Max. Payload	up to 10 Kg
Minimal Depth	0.25 m

## Vessel Overview



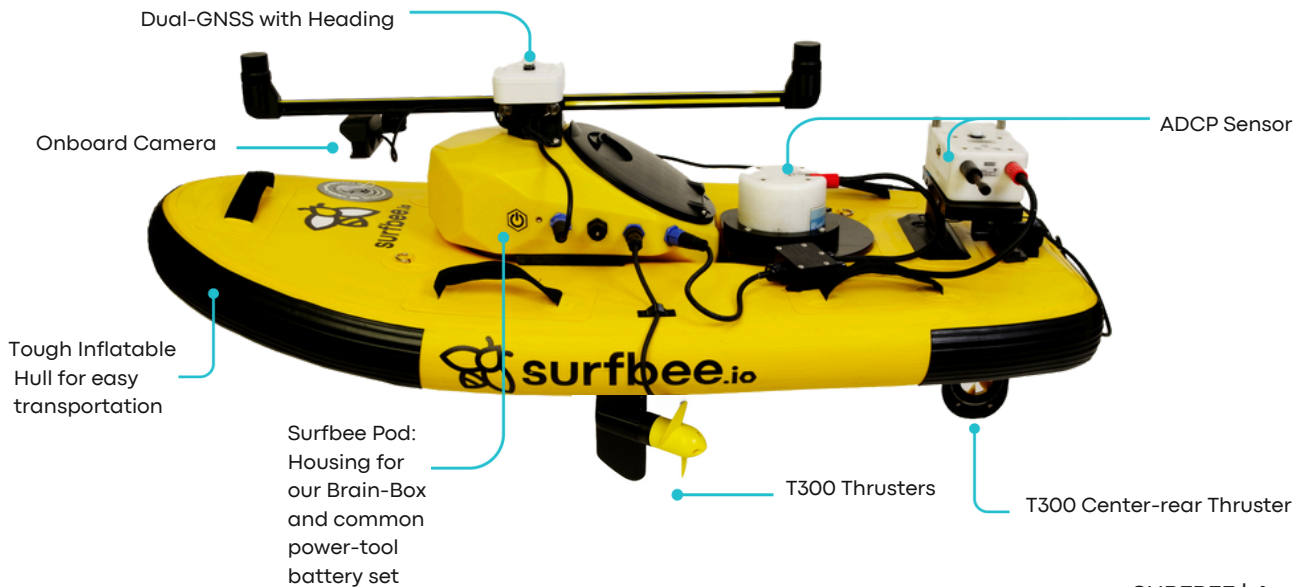


Designed for versatility, this vessel excels in shallow waters, equipped with three underwater thrusters for robust propulsion. It easily adapts to different sensors, ensuring precise control through autonomous lateral movements, even in challenging conditions like windy and slow-moving channels.

### Flow Scout Specifications

Top Speed	1.8m/s (forward) 0.8 m/s (sideway)
Dimensions	1.35 m X 0.7 m X 0.1 m
Weight	11 Kg (no batteries)
Temperature Range	-10C to +45C
Max. Payload	up to 8 Kg
Minimal Depth	0.14 m

### Vessel Overview



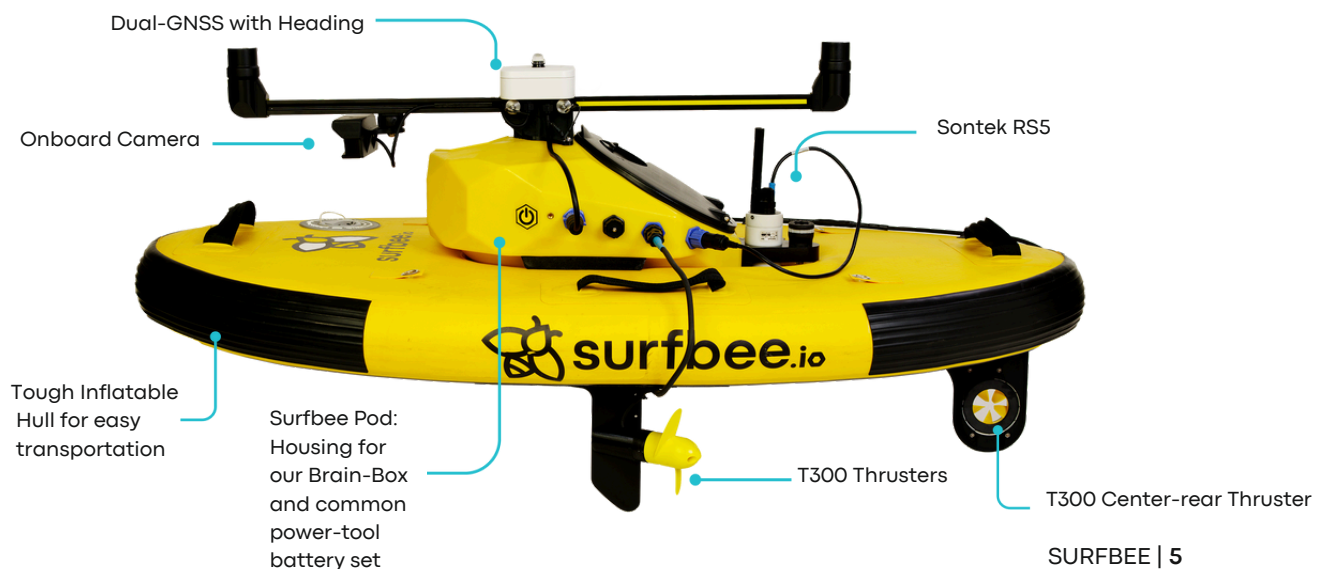


This vessel is designed specifically for Sontek RS5 deployment, taking advantage of the ADCP's new small form factor and depth range. It offers superior shallow water performance, propelled by three underwater thrusters, and features autonomous lateral movement for unparalleled vessel control in difficult conditions, such as windy, slowmoving irrigation channels.

### Flow Finder Specifications

Top Speed	1.8m/s (forward) 0.8 m/s (sideway)
Dimensions	1.20 m X 0.7 m X 0.1 m
Weight	11 Kg (no batteries)
Temperature Range	-10C to +45C
Max. Payload	up to 8 Kg
Minimal Depth	0.14 m

### Vessel Overview



**For inquiries,  
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