



Cape Town's challenging South Atlantic currents and inhospitable seas have long been famed as a testing location for seafarers. With thirty years of experience in designing, engineering and building rigid hull inflatable boats, GEMINI have become a byword for dependability and capability. Being the builder of choice for international commercial operators, Special Forces, Police and Rescue institutions worldwide; these boats have been tested to the limit. The GEMINI WR550 is therefore the option of choice for South Africa's National Sea Rescue fleet as a mid-range hull with a variety of engine, console and seating options to allow you to tailor the WR550 to your needs. If you value professional-level fit-out and performance, the WR550 will deliver.

## FEATURES

### HULL QUALITY

Constructed from advanced composite materials; providing an exceptionally strong structure, and a damage and corrosion resistant craft.

### SUPERIOR SEAKEEPING

Gemini's stepped volume hull offers outstanding seakeeping, improved stability, and increased payload carrying capability, as well as being forgiving to operate.

### INTEROPERABILITY

Available with single or multipoint lifts designed for safe launch and recovery.

### PROVEN

A hull design for superior seakeeping, payload carrying and reduced hull slamming supported by advanced shock mitigation seating ensures personnel remain fully capable throughout mission.

### RELIABLE

Twin outboard engine options delivers improved reliability, superior shallow water capability (o/b) and exceptional manoeuvrability and control at low and high speed.

### MISSION SPECIFIC

Flexible platform design which can be adapted to differing configuration, bespoke fit out and equipment fit.

### SELF-RIGHTING

Designed to incorporate self-righting system.

### COMPLIANCE

Built to international recognised standard, and can be easily equipped and coded to meet local authority regulatory compliance.

### TRANSPORTABILITY

The WR550 can be berthed, towed or can be used with a drive on dock. The WR550 can easily fit in an ISO container for secure and cost effective international shipping, and can be made compatible for air transport.

# GEMINI WR550

## TECHNICAL SPECIFICATIONS

### DIMENSIONS

• Length overall	5.50m
• Internal length	3.30m
• Beam overall	2.30m
• Internal beam	1.20m
• Weight (hull, deck and tubes)	350kg
• Recommended max pax	8
• Max load	1135kg

### COMPLIANCE AND CERTIFICATION

GEMINI RIBs can be supplied with various certificates, such as UKCA/CE, ISO, MCA CODING, MGN280, LLOYDS, WORKBOAT CODE, GREYBOAT CODE, depending on the application.

### PERFORMANCE DATA

Approximate performance data with differing engine horse powers and configurations are available on request.

### ENGINE OPTIONS – SINGLE OR TWIN INSTALL

**Petrol outboards:** Yamaha, Mercury, Suzuki.

**Diesel outboards:** Options Available.

Additional power available subject to manoeuvring and speed testing.

• ISO recommended hp**	100
• ISO max hp**	120
• ISO max engine weight**	240kg
• Max fuel capacity**	130L
• Transom height single	20"
• Transom height double	20"

### TUBES, HULL AND DECK

• Tube diameter	520mm
• Tube volume	2.250m <sup>3</sup>
• Inflation pressure	0.25 BAR
• Tube compartments	5
• Hull deadrise	20°
• Max displacement	1485kg

### STANDARD EQUIPMENT

- 2 x Heavy duty shark fin rubbing strakes
- 5 x Over pressure release valves
- Hypalon sponson (1100 DTEX)
- 5 x inflation valves
- Internally taped seams
- Full length grab line
- Stainless steel bow eye
- 2 x paddles
- Anchor rope bow protection
- Anchor locker
- Aluminium keel protection
- Transom knee

### DECK CONFIGURATION

There are a number of differing configurations available, and general arrangement drawings are available on request. In addition custom configurations are available according to weight and balance.

### TRAINING

The following training courses are available:

- Operator training
- Mechanic training

### SPARES

Consumable and contingency spares packages are available on request.

### OPTIONAL EQUIPMENT

#### DECK EQUIPMENT

- Choice of consoles configurations
- Choice of jockey or shock mitigation suspension seats
- Extra fuel tanks
- Foam filled hull
- M8 deck utility bolt system
- Towing bollard
- Deck track system
- T-top
- Lifting eyes and lifting strops

#### A-FRAME OPTIONS

Choice of A-frame configuration and material.  
Self-righting system on A-frame.

#### SPONSONS

Additional rubbing strakes on sponsons (1 or 2 extra)  
Additional rubbing strips on the front for bow protection  
Colour strip between strakes  
Anti-slip surfaces on sponsons  
Upgrade to DTEX 1670

#### NAVIGATION & COMMUNICATION

##### SYSTEM OPTIONS

Command and control systems

- VHF radio (fixed and handheld)
- GPS chartplotter
- Magnetic compass
- Fusion entertainment system
- ROKK wireless phone charger
- LED stainless steel cup holders
- AIS
- Radar
- Depth sounder
- Intercom

Bespoke system integration and system fit available

ADVENTURE AND LEISURE

DISCLAIMER: Whilst every attempt has been made by GEMINI to give accurate information, all data provided by GEMINI is intended for guidelines only. Engine size, weight and propeller selection can affect a boat's performance and/or regulatory compliance. Regulations pertaining to maximum passengers, payload and permissible engine power and other rules differ from country to country, it is a customer's own responsibility to comply with their own local regulations at all times. GEMINI reserves the right to amend specifications and technical data or withdraw product without prior notice.

