



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 WR505 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 WR505 to your needs. If you value professional-level fit-out and performance, the WR505 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

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

COMPLIANCE

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

TRANSPORTABILITY

The WR505 can be berthed, towed or can be used with a drive on dock. The WR505 can easily fit in an ISO container for secure and cost effective international shipping, and can be made compatible for air transport.

CUSTOMIZABLE

Range of seating and console solutions.



GEMINI WRS05

TECHNICAL SPECIFICATIONS

DIMENSIONS

• Length overall	5.05m
• Internal length	3.20m
• Beam overall	2.20m
• Internal beam	1.18m
• Weight (hull, deck and tubes)	260kg
• Recommended max pax	7
• Max load	975kg

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**	90
• ISO max hp**	100
• ISO max engine weight**	180kg
• Max fuel capacity**	75L
• Transom height single	20"
• Transom height double	20"

TUBES, HULL AND DECK

• Tube diameter	460mm
• Tube volume	1.709m ³
• Inflation pressure	0.25 BAR
• Tube compartments	5
• Hull deadrise	24°
• Max displacement	1210kg

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.

