



The GEMINI WR650 is a new addition to the WR leisure range and has quickly risen to a best seller. Its sleek lines and ultra-modern hull design ensures a dry ride for crew and passengers and with hull and deck being constructed to the same specifications as the commercial WR650 version which is in use with South Africa's National Sea Rescue Institute, safety and durability can be assured. With a wide range of engine and electronic solutions the WR650 can be fitted out to meet individual client's needs. The numerous optional extras and deck layout options provide the customer with opportunities to create a bespoke boat for all leisure activities from water-sports to family day boat and the high capacity seating options see's the WR650 become the perfect workhorse passenger boat. Manufactured in compliance with ISO 9001-2015 standards and certified to European directive RCD (ISO 2013/53/EU).

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 WR650 can be berthed, towed or can be used with a drive on dock. The WR650 can easily fit in an ISO container for secure and cost effective international shipping, and can be made compatible for air transport.

GEMINI WR650

TECHNICAL SPECIFICATIONS

DIMENSIONS

• Length overall	6.50m
• Internal length	3.90m
• Beam overall	2.40m
• Internal beam	1.42m
• Weight (hull, deck and tubes)	620kg
• Recommended max pax	8
• Max load	1535kg

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**	150
• ISO max hp**	180
• ISO max engine weight**	335kg
• Max fuel capacity**	280L
• Transom height single	25"
• Transom height double	20"

TUBES, HULL AND DECK

• Tube diameter	470mm
• Tube volume	2.034m ³
• Inflation pressure	0.25 BAR
• Tube compartments	5
• Hull deadrise	18°
• Max displacement	2155kg

STANDARD EQUIPMENT

- 2 x heavy duty shark fin rubbing strakes
- 5 x over pressure release valves
- Hypalon sponson (1100 DTEX)
- Full length grab line
- 1 x double action pump
- Internally taped seams
- 2 x stainless steel bow eyes
- Anchor rope bow protection
- Aluminium keel protection
- Under deck cable track
- 2 x below deck fuel lockers
- 5 x inflation valves
- Self-draining deck
- 2 x paddles
- 2 x anchor locker
- Transom knee
- Engine motor well
- 1 x repair kit
- Non-slip deck
- 2 x towing points

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.

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.

