



The new GEMINI WR650 has taken the boating market by storm with its sleek lines and ultra-modern hull shape, and has quickly become one of the most popular models in the range. Designed to withstand the harshest of weather conditions, the WR650 adheres to a wide variety of customer needs, actively in use in customs patrol/protection such as the UK MoD, policing, commercial and rescue applications, like the NSRI. The WR650 is offered with a large choice of engines, consoles, seating and on-board equipment and is also available with T-top to protect crew and passengers from the elements.

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.

MILITARY/COMMERCIAL GRADE SPONSON

Heavy Duty Hypalon 1670 DTEX Sponsons with the option for Double Skinning and extra armouring for additional strength and protection.

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 is transportable by road on a flat bed truck, or bespoke road trailer. The WR650 is also one of the few ribs that can 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"

SPONSON, HULL AND DECK

• Sponson diameter	470mm
• Sponson volume	2.034m ³
• Inflation pressure	0.25 BAR
• Sponson 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
- Specialist equipment training
- Specialist role 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
- Strengthened deck for high load areas and mounts
- Extra fuel tanks
- M8 deck utility bolt system
- Deck track system
- Lifting eyes and lifting strops
- Custom weapon mounts
- Foam filled hull
- Towing bollard
- T-top

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
- Night vision equipment
- Entertainment system
- AIS
- Radar
- Depth sounder
- Intercom

Bespoke system integration and system fit available

SPECIALIST EQUIPMENT FIT

Specialist and client supplied equipment fit and integration is available on request at Berthon Boat Company.

DEFENCE AND PROTECTION

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.

