



The WR880 is used extensively in almost every possible boating application worldwide due to its proven ability in rough conditions as well as a larger versatile deck space and long range capability and adheres to the rigorous requirements of government, rescue and commercial agencies around the world who expect the best in performance, safety and reliability. The WR880 comes with a large choice of engines, consoles, seating and on-board equipment. The WR880 is available with fully enclosed composite cabin, giving full protection from the elements. The GEMINI cabin is designed to maintain good side deck access, as well as the option for bow access via a forward hatch. The design offers separate forward cabin from the main cockpit which has the option of being fitted with a galley, toilet, berths and storage facilities. The cabin also benefits from the option of air conditioning, heating system and demister system. The cabin dashboard offers ample space for a full navigation and communication suite, and the cabin cockpit deck strengthened for a range of seating configurations.

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 WR880 is transportable by road on a flat bed truck, or bespoke road trailer. The WR880 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.

DEFENCE AND PROTECTION

Gemini WR880

TECHNICAL SPECIFICATIONS

DIMENSIONS

| | |
|---------------------------------|--------|
| • Length overall | 8.80m |
| • Internal length | 5.80m |
| • Beam overall | 2.95m |
| • Internal beam | 1.77m |
| • Weight (hull, deck and tubes) | 1050kg |
| • Recommended max pax | 16 |
| • Max load | 2223kg |

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, Mariner, Suzuki, Evinrude.

Diesel outboards: Options Available.

Additional power available subject to manoeuvring and speed testing.

| | |
|---------------------------|-------|
| • ISO recommended hp** | 400 |
| • ISO max hp** | 500 |
| • ISO max engine weight** | 623kg |
| • Max fuel capacity** | 600L |
| • Transom height single | 30" |
| • Transom height double | 25" |

SPONSON, HULL AND DECK

| | |
|------------------------|---------------------|
| • Sponson diameter | 570mm |
| • Sponson volume | 3.944m ³ |
| • Inflation pressure | 0.25 BAR |
| • Sponson compartments | 7 |
| • Hull deadrise | 22° |
| • Max displacement | 4606kg |

STANDARD EQUIPMENT

- Hypalon sponson (Military Grade 1670 DTEX)
- 2 x heavy duty shark fin rubbing strakes
- 7 x over pressure release valves
- 2 x stainless steel bow eyes
- Full length grab line
- Internally taped seams
- Anchor rope bow protection
- Aluminium keel protection
- Under deck cable track
- 2 x below deck fuel lockers
- Self-draining deck
- 1 x double action pump
- 2 x paddles
- 7 x inflation valves
- 1 x repair kit
- Anchor locker
- 3 x transom knees
- Engine motor well
- 2 x towing points
- Non-slip deck

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.

CABIN SPECIFICATIONS

Depending on load conditions and GA

- Waterline length +-9.2m
- Max. draught at standard displacement typically 560mm at midpoint of WL
- Overall height from WL to top of cabin +-2.7m
- Overall height from deck to top of cabin +-2.1m
- Cabin weight (including window, hatches & dashboard) +-600Kg
- Light craft condition mass 3866Kg
- Maximum loaded condition mass 4973Kg.
- Seaglaze weather tight door, windows and hatches
- Sleeping berth
- Toilet systems

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
- Foam filled hull
- Towing bollard
- T-top

A-FRAME OPTIONS

Choice of A-frame configuration and material.

- Engine protection bar
- Radar mast
- Self-righting system

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.

