

BERTHON

GEMINI WAVERIDER 505 CR

OPEN/CANOPY



The rugged GEMINI Waverider 505 was designed and built to withstand the harshest weather conditions, in testing roles, put to work by unforgiving operators. As a result is Geminis are in operation with a number of commercial and rescue agencies around the world, in a diverse range of roles from engineering support and crew transfers to search and rescue and harbour master duties to name a few.

The WR 505 is offered with a choice of engines, consoles, seating and on-board equipment, to meet differing operational requirements.



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.

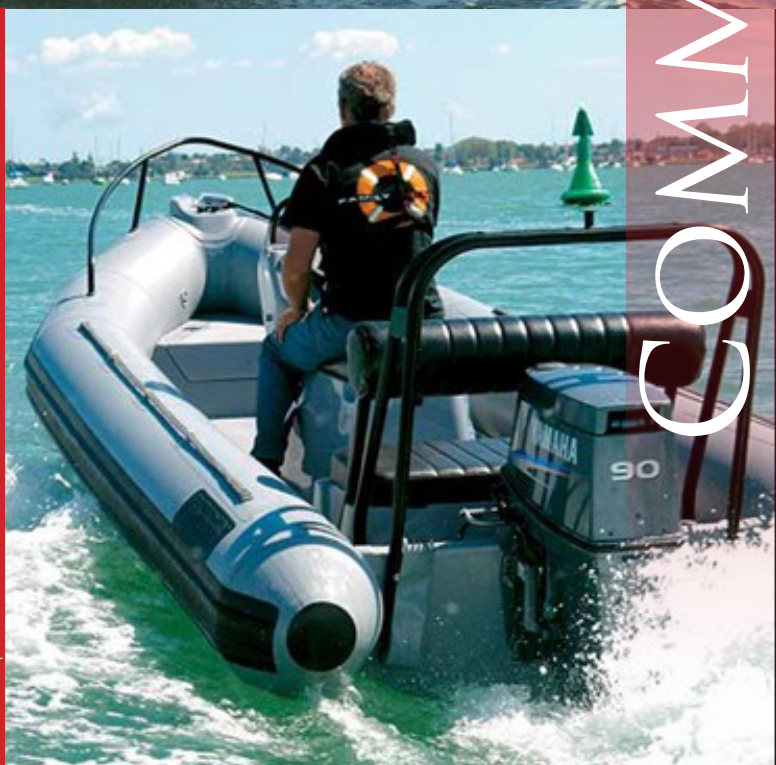
Proven - A hull design for superior seakeeping, payload carrying and reduced hull slamming supported by advanced shock mitigation seating ensures personnel remain fully capable throughout mission.

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 differing configuration, bespoke fit out and equipment fit.

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

Transportability - The WR505 is transportable by road on a flat bed truck, or bespoke road trailer. The WR505 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.



COMMERCIAL & RESCUE

GEMINI WAVERIDER 505 CR

TECHNICAL SPECIFICATIONS

DIMENSIONS

LENGTH OVERALL	5.05M
INTERNAL LENGTH	3.20M
BEAM OVERALL	2.20M
INTERNAL BEAM	1.18M
WEIGHT (HULL, DECK & TUBES)	260KG
RECOMMENDED MAX PAX	7
MAX LOAD	975KG

CERTIFICATION

GEMINI RIBS CAN BE SUPPLIED WITH VARIOUS CERTIFICATES, SUCH AS ISO 6185, CE, MCA CODE, SAMSA, 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: MERCURY, MARINER, SUZUKI, EVINRUDE, YAMAHA.

ADDITIONAL POWER AVAILABLE SUBJECT TO MANOEUVRING & 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"

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.

SPONSON, HULL & DECK

SPONSON DIAMETER	460MM
SPONSON VOLUME	1.709M ³
INFLATION PRESSURE	0.25 BAR
SPONSON COMPARTMENTS	5
HULL DEADRISE	24°
MAX DISPLACEMENT	1210KG

STANDARD EQUIPMENT

HYPALON SPONSONS (1100DTEX)	
1 X HEAVY DUTY SHARK FIN RUBBING STRAKES	
5 X OVER PRESSURE RELEASE VALVES	
ANCHOR ROPE BOW PROTECTION	
FULL LENGTH GRAB LINE	5 X INFLATION VALVES
INTERNALLY TAPED SEAMS	2 X PADDLES
STAINLESS STEEL BOW EYE	TRANSOM KNEE
ANCHOR LOCKER	ALUMINIUM KEEL PROTECTION

TRAINING

THE FOLLOWING TRAINING COURSES ARE AVAILABLE:

OPERATOR TRAINING	SPECIALIST EQUIPMENT TRAINING
MECHANIC 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 (PORTABLE)	FOAM FILLED HULL
M8 DECK UTILITY BOLT SYSTEM	TOWING BOLLARD
DECK TRACK SYSTEM	T-TOP
LIFTING EYES & LIFTING STROPS	

A FRAME OPTIONS

CHOICE OF A-FRAME CONFIGURATION & MATERIAL

SPONSONS

ADDITIONAL FENDERS ON SPONSONS (1 OR 2 EXTRA)
ADDITIONAL RUBBING STRIPS ON THE FRONT FOR BOW PROTECTION
UPGRADE TO DTEX 1670
ANTI-SLIP SURFACES ON SPONSONS

NAVIGATION & COMMUNICATION SYSTEM OPTIONS

COMMAND AND CONTROL SYSTEMS	
VHF RADIO (FIXED & HANDHELD)	AIS
GPS CHARTPLOTTER	RADAR
DEPTH SOUNDER	INTERCOM
ENTERTAINMENT SYSTEM	RADAR
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.



COMMERCIAL & RESCUE

BERTHON *gemini*
marine

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