

BERTHON

BOAT COMPANY

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— TACTICAL PERSONAL WATER CRAFT —

TACTICAL PERSONAL WATER CRAFT (TPWC)

The **Tactical Personal Watercraft (TPWC)** has been especially developed to meet the tactical requirements of Special Forces Teams and Law Enforcement Agencies, to provide a fast and highly manoeuvrable platform in open water, surf and riverine environments, resulting in a rapidly deployable capability for surveillance, insertion, extraction, interdiction and search and rescue roles.

The craft are designed with reduced signatures for day and night operations and offer a greater payload, improved performance and superior seakeeping than commercially available PWCs. Increased engine power output provides high speed capability at full payload, with or without towed sled.

The craft are designed to be either helicopter underslung or air delivered and are capable of being stowed on and launched from a wide variety of road, sea and air platforms.

CERTIFICATION

The base craft are designed and built to meet the requirements of the Recreational Craft Directive (RCD) and are CE marked. All modifications and enhancements are RCD compliant.

STRUCTURE

The base craft are of composite construction and meet the requirements of ISO 13590:2003.

FLOATATION

The characteristics of the base craft meet the requirements of ISO 13590:2003.

STABILITY

PWC inflatable collar system offers enhanced performance, improved stability at all speeds and an increased payload carrying capability.

WBV

Reduced hull slamming and advanced shock mitigating systems* and vibration reducing deck system* ensures personnel remain fully capable throughout mission.

PERFORMANCE

The high output petrol engine and waterjet delivers a high speed shallow water capability and exceptional manoeuvrability.

INTEROPERABILITY

Flexible platform design which can be adapted for a wide range of naval, coastguard and Special Forces roles.

VESSEL DATA

Optional equipment* Subject to specification**

PRINCIPAL DIMENSIONS

Length:	3.56m	Beam:	1.65m
Speed:**	50kts +	Payload:	360Kg
Range:**	40nm +	Tank Capacity Fuel:**	70l + 2x 20l

ARMAMENT

5.56mm LMG* 7.62mm GPMG*
ISTEC Weapon Mount*

TACTICAL AWARENESS SYSTEMS

Navigation inputs* Machinery status inputs*
Communication inputs*

SIGNATURES

Reduce visual and radar cross section signature**

SEARCH AND RESCUE

Searchlight* Rescue sled* (up to 6 man)
Towing capability

MEDICAL

Rescue sled* Casualty treatment area* (Sled)

NAVIGATION SYSTEMS

Echo sounder* Magnetic compass*
GPS* Chart Plotter*

COMMUNICATION SYSTEMS

VHF radio* AIS*
Intercom (wireless)* VHF secondary radio*
VHF secure comms*

HULL AND DECK

Marine Grade Composite

MACHINERY

Engines:**
Enhanced high output marine petrol engine.
Drive and steering:**
Water jets with reversing capability

