



LIFETIME EXCELLENCE

# MILITARY AND PROFESSIONAL BOATS

PALFINGER MARINE — FOR SPECIAL MISSIONS





# THE GAME CHANGER

## A TOTAL SUPPLIER EMERGES

PALFINGER MARINE is the global leading manufacturer of highly reliable, innovative and customised deck equipment and handling solutions for the maritime industries. The product portfolio includes cranes, lifesaving equipment, winches and handling equipment. A worldwide service network, including the supply of spare parts, ensures fast and professional onsite support.

PALFINGER MARINE operates in all major maritime segments, including Offshore, Marine, Cruise, Navy and Coast Guard, and Wind.

In the Navy and Coast Guard segment we have a strong focus on the non-yard business. With our wide range of military and professional boats, we can cover the need of this business field.

**PALFINGER GROUP**  
was founded in 1932  
by Richard Palfinger.

**In 2014 PALFINGER**  
reaches a 1 billion revenue  
for the first time.  
Revenue has grown  
ever since.

**In 2016 PALFINGER is**  
built on two mainstays:  
**LAND and SEA.**

**HQ is located in**  
**Salzburg, Austria.**



## A LEADING PIONEER WITHIN DEDICATED SPECIAL BOATS FOR MORE THAN 80 YEARS

Our history of boat building for the toughest environments such as the North Sea goes all the way back to 1928. For over 80 years, we have been working continuously to improve our boat designs-ensuring they meet the highest standards in both aluminium and fiberglass hull designs.

By leveraging proven safe boat designs and introducing these into the military and professional boat sector, PALFINGER MARINE not only delivers superior performance and high devotion for custom designs to meet each customer's requirements, but also ensures safety of the operators on their working platforms.

In addition to our extensive boat range, PALFINGER MARINE can also deliver various versions of launch and recovery systems as well as slipway systems for Navy and Coast Guard vessels.

More than 130 service stations worldwide, a network of 33 fully owned sales and service hubs, 10 fully owned productions sites and a network of 130 service partners makes PALFINGER MARINE a reliable partner for all customers worldwide.

# MILITARY AND PROFESSIONAL BOATS

YOUR PARTNER FOR SPECIAL MISSIONS







# MILITARY AND PROFESSIONAL BOATS

## SEGMENTS

PALFINGER MARINE designs and supplies dedicated boats for the military and professional industries in the following segments:

### NAVY



### COAST GUARD



### ARMY



### POLICE



### SPECIAL FORCES



### FIRE FIGHTING



### COMMERCIAL



## DESIGN

Customised design process in stages of development, sketching, building and testing.



## BOAT RANGES



**RIGID CONSOLE BOATS**



**RIGID CABIN BOATS**



**RIGID INFLATABLE BOATS (RIBS)**

### TECHNICAL FEATURES

Supreme seaworthiness, manoeuvrability, speed and safety due to unique bow area and hull shape

High bow shapes creating more dry sailing and feeling of safety

Optimum maintainability

Wide range of standard products

Flexibility to customise and tailor boats for specific purposes, in close cooperation with our in-house naval architect department

If required, boats can be equipped to fit launching systems like davits, cranes and stern entry systems

If required, hybrid propulsion packages can be provided



# MILITARY AND PROFESSIONAL BOATS

## RIGID CONSOLE BOATS



| Boat Model            | PB 600                    | PB 700                    | PB 700                  | PB 850                            |
|-----------------------|---------------------------|---------------------------|-------------------------|-----------------------------------|
| Material              | Aluminium / GRP           | Aluminium / GRP           | Aluminium / GRP         | Aluminium                         |
| Dimensions in (L x B) | 6.2 x 2.23 m              | 7.14 x 2.66 m             | 7.15 x 2.78 m           | 8.6 x 3.08 m                      |
| Propulsion            | Single inboard / Outboard | Single inboard / Outboard | Twin inboard / Outboard | Single or twin inboard / Outboard |
| Speed range (knots)*  | 25–40                     | 25–40                     | 25–40                   | 25–40                             |

\*Performance and capacity depending on final configuration, please ask PALFINGER MARINE sales department for specific requirements.

## FEATURES

Excellent stability and manoeuvrability

High quality materials, professional workmanship and over-scaled structures for ultimate endurance

Self-righting capabilities

SOLAS compliant

Optional davit launch systems





| Boat Model            | PB 450          | PB 475          | PB 670         | PB 800         |
|-----------------------|-----------------|-----------------|----------------|----------------|
| Material              | Aluminium / GRP | Aluminium / GRP | Aluminium      | Aluminium      |
| Dimensions in (L x B) | 4.88 x 1.74 m   | 4.95 x 1.92 m   | 6.89 x 2.66 m  | 8 x 2.85 m     |
| Propulsion            | Outboard        | Single inboard  | Single inboard | Single inboard |
| Speed range (knots)*  | 10–25           | 6–10            | 6–10           | 6–10           |

\*Performance and capacity depending on final configuration, please ask PALFINGER MARINE sales department for specific requirements.

# MILITARY AND PROFESSIONAL BOATS

## RIGID CABIN BOATS



| Boat model              | PB 850       | PB 950       | PB 1000      |
|-------------------------|--------------|--------------|--------------|
| Material                | Aluminium    | Aluminium    | Aluminium    |
| Dimensions in m (L x B) | 8.5 x 3.3    | 9.77 x 3.5   | 10.35 x 3.5  |
| Propulsion              | Twin inboard | Twin inboard | Twin inboard |
| Speed range (knots)*    | 20–35        | 20–35        | 20–35        |

\*Performance and capacity depending on final configuration, please ask PALFINGER MARINE sales department for specific requirements.

## FEATURES

State of the art design according to latest technologies and innovations

Self-righting capabilities on most models

Supreme seaworthiness, manoeuvrability, speed and safety due to unique bow area and hull shape

Optional boats prepared for davit launched systems

Increased speed and high bollard pull upon requirement

High-quality materials, professional workmanship and over-scaled structures for ultimate endurance



| Boat Model              | PB 1200      | PB 1500      | PB 1600      |
|-------------------------|--------------|--------------|--------------|
| Material                | Aluminium    | Aluminium    | Aluminium    |
| Dimensions in m (L x B) | 12 x 3.5     | 15.28 x 4.48 | 16.5 x 4.25  |
| Propulsion              | Twin inboard | Twin inboard | Twin inboard |
| Speed range (knots)*    | 20–35        | 20–40        | 20–55        |

## SPECIALLY DESIGNED FOR THE WIND FARM INDUSTRY



| Boat Model              | PB 1000 CT   | PB 1200 CT   |
|-------------------------|--------------|--------------|
| Material                | Aluminium    | Aluminium    |
| Dimensions in m (L x B) | 10.32 x 3.4  | 12 x 3.4     |
| Propulsion              | Twin inboard | Twin inboard |
| Speed range (knots)*    | 20–30        | 20–25        |

\*Performance and capacity depending on final configuration, please ask PALFINGER MARINE sales department for specific requirements.



# MILITARY AND PROFESSIONAL BOATS

## RIGID INFLATABLE BOATS (RIBS)



| Boat Model              | PB 500 G RIB              | PB 650 G RIB              | PB 750 G RIB              | PB 900 G RIB                      |
|-------------------------|---------------------------|---------------------------|---------------------------|-----------------------------------|
| Material                | Aluminium / GRP           | Aluminium / GRP           | Aluminium / GRP           | Aluminium / GRP                   |
| Dimensions in m (L x B) | 5.1 x 2.2                 | 6.5 x 2.8                 | 7.5 x 2.8                 | 8.96 x 3                          |
| Propulsion              | Single inboard / Outboard | Single inboard / Outboard | Single inboard / Outboard | Single or twin inboard / Outboard |
| Speed range (knots)*    | 20–30                     | 30–40                     | 30–40                     | 30–40                             |

\*Performance and capacity depending on final configuration, please ask PALFINGER MARINE sales department for specific requirements.

## FEATURES

Designed for fast intervention in rough seas

Deep V-hull and large tube diameter for improved stability and dampening at high speed

High-quality materials, professional workmanship and over-scaled structures for ultimate endurance

Composite or aluminium hull, dimensioned to mission requirements with options for integrated weapon mounts and ballistic protection

Hypalon Neoprene or Polyurethane heavy duty air or foam filled collar



| Boat Model              | PB 1000 G RIB           | PB 1100 G RIB           | PB 1200 G RIB           | PB 1300 G RIB           |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Material                | GRP                     | GRP                     | GRP                     | GRP                     |
| Dimensions in m (L x B) | 10 x 3                  | 11 x 3                  | 12 x 3.3                | 12.6 x 3.3              |
| Propulsion              | Twin inboard / Outboard | Twin inboard / Outboard | Twin inboard / Outboard | Twin inboard / Outboard |
| Speed range (knots)*    | 30–50                   | 30–60                   | 30–60                   | 30–60                   |

\*Performance and capacity depending on final configuration, please ask PALFINGER MARINE sales department for specific requirements.

# MILITARY AND PROFESSIONAL BOATS

## POWERING AND SEATING ARRANGEMENTS



**OUTBOARD ENGINE(S)**



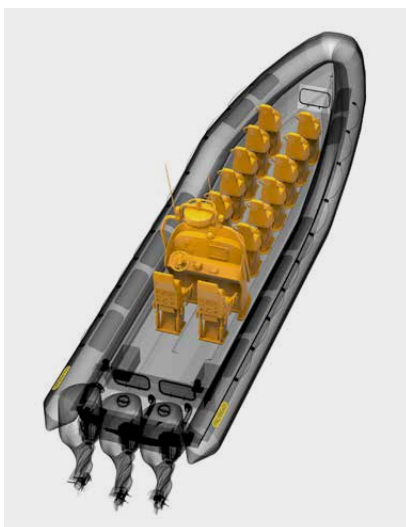
**INBOARD STERNDRIVE(S)**



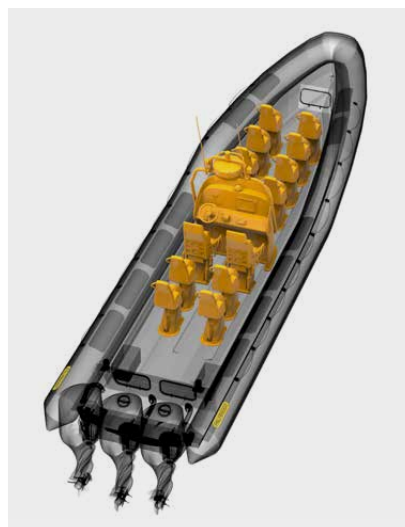
**INBOARD WATERJET(S)**

Every mission or operational profile requires its own approach towards a propulsion configuration. Our boats can be equipped with outboard, inboard sterndrive or inboard waterjet propulsion systems. Depending on the models, three types of engines can be installed.

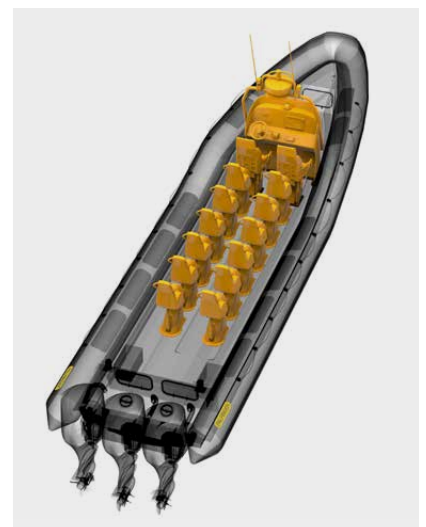
| No. of Engines                               | Outboard |   |   | Inboard Sterndrive |   | Inboard Waterjet |   |
|--|----------|---|---|--------------------|---|------------------|---|
|  | 1        | 2 | 3 | 1                  | 2 | 1                | 2 |
| Rigid console and RIBS PB 500 and PB 600     | X        | X |   | X                  |   | X                |   |
| Rigid console and RIBS PB 700 up to PB 900   | X        | X |   | X                  | X | X                | X |
| Rigid console and RIBS PB 1000 up to PB 1300 |          | X | X |                    |   |                  | X |
| Cabin boats PB 850 up to PB 1200             |          | X | X |                    | X |                  | X |



**STERN CONSOLE LAYOUT**



**CENTRE CONSOLE LAYOUT**



**BOW CONSOLE LAYOUT**

Preferences and missions determine a deck layout which ensures a safe and optimum working platform. PALFINGER MARINE provides multiple options for seating arrangements and positioning of consoles to meet our customers' requirements.



## OPTIONS & ACCESSOIRES



### NAVIGATION SYSTEMS | COMMUNICATION SYSTEMS | FIXED OR FOLDABLE ARCH

The console is of upmost importance to create a workable environment. Therefore we put great care in the ergonomics of our consoles. If required, we also make wooden mock-ups for individual orders to design the console together with our customer.

A large amount of options is available for the installation of navcom equipment, steering and propulsion systems.



## OPTIONS AND ACCESSORIES

- Navcom equipment
- Seating type
- Self-righting system
- Foldable navigation frame
- Winterization package
- Integrated hoisting arrangements
- Bownet for boarding protection
- Boat covers
- Boat cradles
- Antiballistics
- Armour boxes and weapon mounts

\*Please ask PALFINGER MARINE sales department for more information about.



# MILITARY AND PROFESSIONAL BOATS

## LAUNCH AND RECOVERY SYSTEMS

PALFINGER MARINE offers the safest range of Launch and Recovery Systems. All systems have their unique features. That ensures us the flexibility and capability to provide customers with the best possible solution for their project. PALFINGER MARINE Launch and Recovery Systems are innovative and user-friendly and are intended for long-term, reliable operation in harsh and hazardous marine and offshore environments.



### FEATURES

Highly reliable systems for launch and recovery of RHIB, FRC and daughter crafts

Lightweight solutions, to improve vessels stability and performances

High-speed, constant tensioning system and anti-pendulum docking head configurations, allowing the safe launching and recovery of the dedicated crafts in hostile environment conditions

Dedicated hydraulic power unit and stored power function (emergency operation), available on request

Modular designs and configurations to suit customer requirements

Designed for daily operations and increased efficiency

### ACCESSORIES (OPTIONS)

Shock absorber

High speed winch

Constant tensioning system

Other options available on request



## SLIPWAY | STERN RECOVERY SYSTEM

For Navy and Coast Guard vessels PALFINGER MARINE has developed several different slipway and stern recovery systems. All systems can be delivered in single or double configurations and are adapted according to project requirements. PALFINGER MARINE works closely with customers and design companies in order to find the optimal and most cost-efficient solution according to the vessel's specifications and operational profile. On-board slipways and stern recovery systems remove the need for hook systems on-board the daughter craft and provide safer operations, better performance in addition to shorter response time.

### SLIPWAYS FOR RIGID HULL BOATS



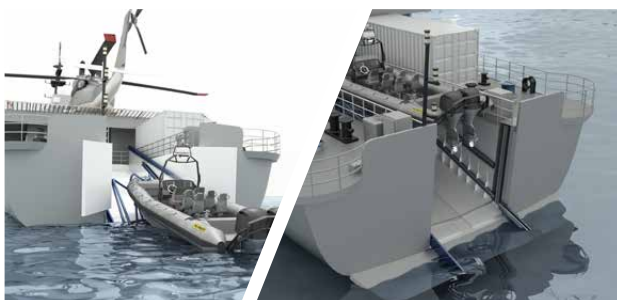
#### MAIN FEATURES

- Hydraulic drive system
- Wheel drive units on manually adjustable brackets
- Submerged stern ramp with wheel drives

#### OPTIONS

- Winch for emergency hauling
- Emergency launch by accumulator

### SLIPWAY FOR RIGID INFLATABLE BOATS



#### MAIN FEATURES

- Electric or hydraulic drive
- Rated pull from 5–10 t
- Local control or remote control with cable

#### OPTIONS

- Winch for emergency hauling
- Emergency launch by accumulator

### MULTICRAFT SLIPWAY AND BOAT HANDLING SYSTEM



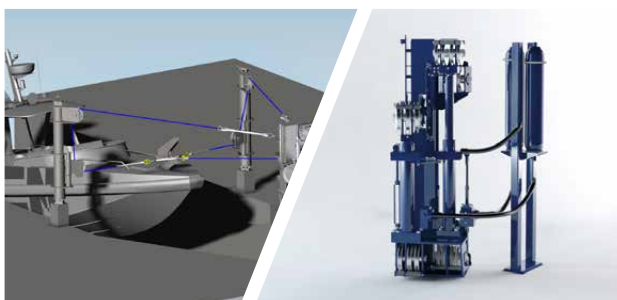
#### MAIN FEATURES

- Slipway with elevator
- Hydraulic wheel drive system
- Extendable boat transfer unit with wheel drives

#### OPTIONS

- Boat parking cradles for narrow and wide hull boats
- Skidding system for boat parking cradles
- Stern door system
- Emergency launch by accumulator

### STERN RECOVERY SYSTEM



#### MAIN FEATURES

- Hydraulic launch and recovery system
- Hook arrestor system
- Modular built system

#### OPTIONS

- Stored power package
- Ex proof components



# SERVICE

LIFE CYCLE SUPPORT | REFURBISHMENTS AND UPGRADES | SPARE PARTS | TRAINING



With the world's largest service network, PALFINGER MARINE can follow up on your vessels/boats more efficiently than any other service provider in the industry. In addition to our own 33 offices, PALFINGER MARINE has also partnered up with multiple service stations – extending the network to the most remote areas.

Our service agreement portfolio offers tailor-made solutions for customer needs on a long-term contractual basis. These are all aimed at supporting our customers in receiving the full benefit of our products, and helps extend their lifespan significantly. Depending on the type of products and specific needs, customers get access to a range of service levels, varying from basic spare-part pricing to PALFINGER 360 – our all-inclusive service plan that covers inspections, service and all spare parts for your equipment at a reduced fixed annual rate – worldwide.

More than 130 service stations worldwide, a network of 33 fully owned sales and service hubs, 10 fully owned productions sites and a network of 130 service partners makes PALFINGER MARINE a reliable partner for all customers worldwide.



**24/7 AVAILABILITY  
SERVICE HOTLINE**  
**+43 662 4684 82128**



**100 %  
GLOBAL COVERAGE**



# PALFINGER 360°

— ALL-INCLUSIVE SERVICE

## THE PALFINGER 360 SERVICE PLAN

- is available for a range of products, basically covering all expenditure (foreseen and unforeseen) related to owning/maintaining safety equipment.
- wraps seamlessly around any factory warranty, ensuring that crew and investment are safeguarded, whenever – wherever – for the long journey ahead.
- covers multi-brand servicing, not only limited to our own products. All vessels/boats can be added – regardless of age.

## REFURBISHING

PALFINGER MARINE also offers an extensive program for refurbishing and upgrading/modification of cranes, lifesaving equipment, winches and handling equipment. Our trained and authorised personnel are available worldwide to handle all your repairs, modifications and overhaul of equipment.

## TRAINING

As a full-service provider, PALFINGER MARINE offers solutions that cover every aspect of proactive service and customer support. The global training teams offer training courses for the entire PALFINGER MARINE product range. These courses can be conducted worldwide, both in-house and on-site.





LIFETIME EXCELLENCE

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