

NAVY AND COAST GUARD SEGMENT

SOLID SOLUTIONS FOR GOVERNMENTAL VESSELS



CELEBRATING THE FUTURE SINCE 1932

We have always had an eye on innovations.

Our pioneering spirit has driven us to constantly grow and evolve – from a small workshop to a crane manufacturer and ultimately to the leading provider of innovative lifting solutions. We have pushed the boundaries for generations, have successfully reinvented ourselves and set standards worldwide. In other words: We have been celebrating the future since 1932.

LIFTING VALUE – CREATING MOMENTUM

This is our vision. It defines what PALFINGER aims to be in the future and is the very essence of why we do what we do now.

PALFINGER MARINE lives by this vision every day, too. The company is an integral part of PALFINGER, with around 12,350 employees, with 30 production and assembly locations, and a global network of 5,000 service points. In 90+ years of success, PALFINGER has positioned itself as a market leader in lifting and handling solutions and has introduced numerous state-of-the-art products along the way. Eventually, PALFINGER entered new markets and took root offshore. Today, we provide cutting-edge solutions for the maritime and offshore industry. With PALFINGER MARINE's valuable contribution and stable growth, PALFINGER achieved an overall revenue of EUR 2.36 billion in 2024.

And our journey continues!





PALFINGER STRATEGY 2030

The PALFINGER Strategy 2030 is the route for our vision to become a reality. It is based on two strategic pillars: “Go for Solutions” and “Go Digital”.

○ GO FOR SOLUTIONS

By 2030, we will be a solution provider that equips our customers with complete solutions, combining physical and digital elements into one unit – thus creating smart and highly networked machines. Step by step, PALFINGER will evolve from a product provider to a solution provider.

For PALFINGER MARINE, “Go for Solutions” means offering our customers complete, integrated marine solutions across all maritime segments.

○ GO DIGITAL

PALFINGER is continuously digitalizing the entire production and value-added chain. The main goal at the end of the day is to be able to offer customers smart lifting solutions and services that provide increased functionality and added value. In line with this strategic pillar, our integrated marine solutions will be enhanced with assisted, remote, and autonomous control functions for marine applications.

*Together we
are shaping
the future of
our customers’
lifting
solutions –
PALFINGER.*



SOLUTIONS DESIGNED FOR GOVERNMENTAL VESSELS

From lifting equipment to launch and recovery systems – PALFINGER MARINE supplies a range of products that meet the specific requirements for navy and coast guard vessels, including cranes, winches, boats, davits and slipway systems for launch and recovery of water crafts. We are committed to fulfilling the highest quality standards for any marine environment.

TYPICAL APPLICATIONS

- USV operations
- Patrol and interception
- Shuttle services
- Standby and rescue
- Oil recovery
- Lifeboat recovery
- Crew transfer
- Military operations
- Cruise expedition operations
- Operations on/off unmanned vessels
- Operation of unmanned water crafts



BENEFITS

CREW AND PASSENGER COMFORT

PALFINGER MARINE **Slipway Systems** offer efficient and safe transport for crew and passengers, enabling smooth boat launches and retrievals. Their advanced design ensures reliable performance even in challenging conditions.

ADAPTABILITY TO MILITARY AND GOVERNMENT REQUIREMENTS

PALFINGER MARINE products such as **cranes, lifeboats, davit systems, and cargo handling solutions** are tailored to meet the specific demands of naval and coast guard missions. Customized solutions for both military and civilian applications range from search and rescue (SAR) operations to patrols and recovery missions.

HIGH-QUALITY PRODUCTS

PALFINGER MARINE's solutions are always made of high-quality materials and feature excellent stability due to high-profile construction designs. E.g. our range of **boats** offers excellent quality with regard to professional workmanship and the materials used, boasting exceptional durability.

SAFE OPERATION

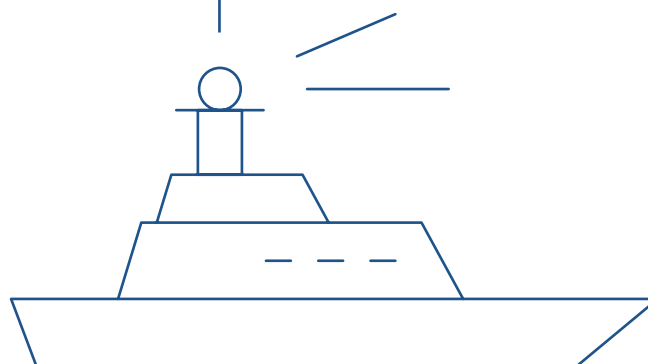
PALFINGER MARINE's **Slipway Systems** aim to significantly reduce the risk of dangerous situations and accidents. This system eliminates the need for manual support or interaction from the boat crew during launch and recovery.

TRUSTED PARTNER FOR MILITARY AND GOVERNMENT OPERATIONS

PALFINGER MARINE has decades of experience and close collaboration with naval and coast guard organizations world-wide. This leads to reliable partnerships and personalized customer support – from project planning to execution.

COMPLIANCE WITH INTERNATIONAL STANDARDS AND CERTIFICATIONS

Products meet international safety and quality standards (e.g., SOLAS, NATO standards) and are certified by leading maritime classification societies (e.g., DNV, Lloyd's Register).



SLIPWAY SYSTEMS FOR USV AND BOAT HANDLING OFFSHORE

Shipboard slipway and stern entry systems are one of the most interesting development fields in the naval technology today. As an innovation leader within the industry, PALFINGER MARINE is at the forefront of these advancements.

Whether the water craft is manned or unmanned, PALFINGER MARINE's Slipway Systems eliminate most of the typical challenges and risks related to launch and recovery of USV's and water crafts offshore.



*Watch the video
to discover the
future of USV
handling.*



*Download
our detailed
Slipway
Systems
brochure.*



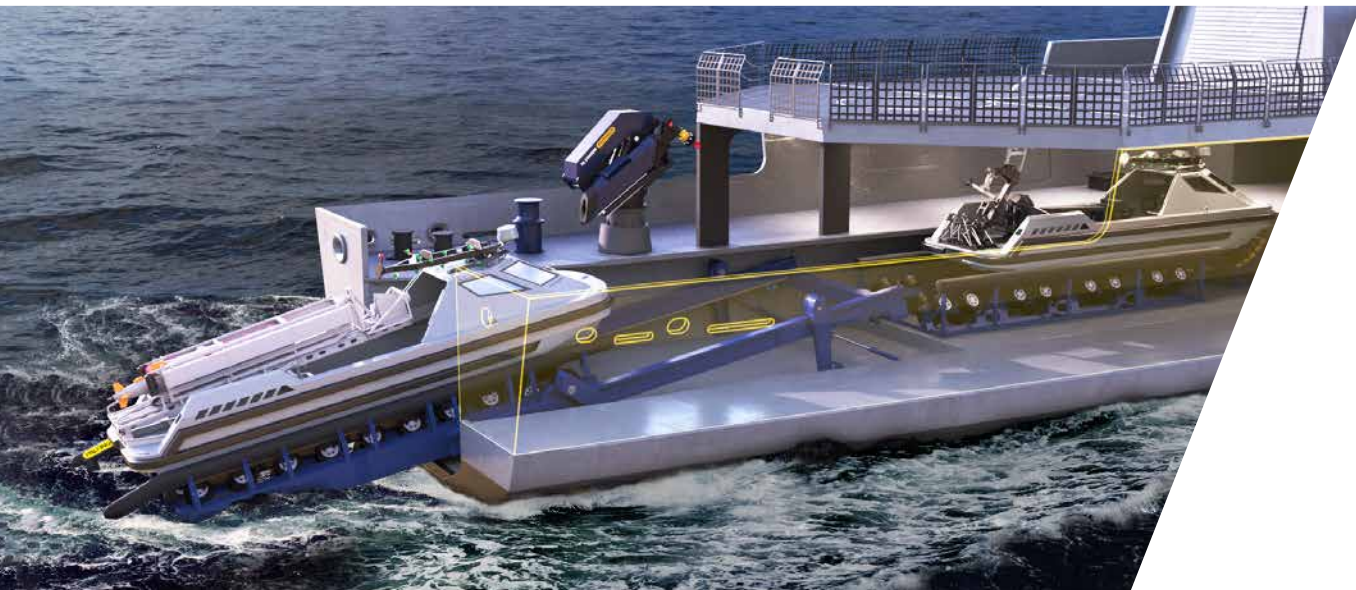


SLIPWAY SYSTEMS WITH SELF-ADJUSTING QUAD WHEEL-DRIVE UNITS

PALFINGER's Slipway Systems with self-adjusting quad wheel-drive units are engineered to optimize the launch and recovery of daughter crafts in maritime operations. Designed for high-capacity operations, these systems can handle significant loads and operate efficiently even in challenging and high sea state conditions.

These systems feature hydraulically powered quad wheel-drive units that automatically adapt to the hull shape of the daughter craft, enabling the system to handle a wide range of mission crafts without the need for reconfiguration between different operations.

The self-adjusting heavy duty quad wheel-drive units allow large daughter crafts to engage the slipway at speeds up to seven knots faster than the mother vessel. Key features include overrunning clutches, fail-safe brakes, and automatic end stoppers, which contribute to the system's reliability and safety.





SLIPWAY SYSTEMS WITH ADJUSTABLE SINGLE WHEEL-DRIVE UNITS

PALFINGER's Slipway Systems with single wheel-drive units are designed to launch and recover daughter crafts efficiently from a mother vessel in offshore conditions. These hydraulically powered Slipway Systems feature single wheel-drive units arranged in parallel rows. The tilt, height, and distance between the wheels can be manually adjusted to accommodate various hull shapes.

The system allows for safe operations even in challenging sea conditions, with the ability to engage daughter crafts at speeds up to seven knots faster than the mother vessel. The lightweight single wheel-drive units ensure precise control during launch and recovery, with automatic end stops and fail-safe brakes securing the craft in place.

PALFINGER's Slipway Systems are known for their robustness and adaptability, making them a valuable asset for maritime operations.



CRANES FOR HANDLING AND LIFTING AT HIGH SEAS

PALFINGER MARINE delivers a wide range of marine cranes to navy and coast guard vessels. Our crane models range from stiff boom cranes and telescopic boom cranes to knuckle boom cranes. They are available in a range up to 30000 kNm lifting moment and can be supplied according to customer requirements. All our cranes can be delivered within a broad range of certifications, numerous optional features and are typically used as Shipboard cranes or Ship to Ship cranes.

FOLDABLE KNUCKLE BOOM CRANES

Foldable knuckle boom cranes offer excellent space-saving capabilities, which is crucial on navy and coast guard vessels with limited deck space. When folded, they minimize the crane's footprint, allowing for more room for other equipment or personnel while maintaining the flexibility of a knuckle boom for precise cargo handling.

STIFF BOOM CRANES

Stiff boom cranes are known for their robust lifting power and reliability, making them suitable for heavy-duty operations on navy and coast guard vessels. Their rigid construction ensures stability under heavy loads, and the straightforward mechanics reduce the complexity of maintenance, minimizing downtime during critical missions.

TELESCOPIC BOOM CRANES

Telescopic boom cranes provide extended reach. Their ability to extend and retract makes them perfect for accessing hard-to-reach areas on navy and coast guard vessels during rescue or supply missions.

KNUCKLE BOOM CRANES

Knuckle boom cranes are used for efficient loading and unloading of cargo. Their versatile design allows for precise handling of heavy equipment and supplies, even in challenging maritime conditions.





FAST RESCUE BOATS

PALFINGER MARINE's fast rescue boats are highly valued in Navy and Coast Guard operations due to their exceptional maneuverability and stability, even in the most challenging sea conditions. Designed to meet the latest IMO/SOLAS regulations, these boats offer the perfect balance of safety, speed, agility, and customization making them ideal for quick-response rescue missions. Built with seawater-resistant aluminum or glass-reinforced plastic hulls, PALFINGER's fast rescue boats are both durable and reliable, ensuring long-term operational efficiency. Their robust construction significantly reduces operational costs while providing the flexibility needed for a wide range of maritime rescue scenarios.





DAUGHTER CRAFTS

Daughter crafts play a vital role in navy and coast guard operations, offering flexibility, speed, and stability for missions such as search and rescue, maritime security, and offshore patrols. PALFINGER's daughter crafts come with full design approval. Their deep V-bottom construction ensures excellent stability and high-speed performance in rough offshore conditions. Used for boarding missions, personnel transfers, law enforcement, and patrol operations, these daughter crafts enhance operational effectiveness in demanding maritime environments, making them a reliable choice for military and governmental forces.

FAST RESCUE BOAT DAVITS FOR NAVY AND COAST GUARD OPERATIONS

To ensure the rapid and safe deployment of fast rescue boats in critical situations, PALFINGER MARINE provides highly efficient davit systems designed for navy and coast guard applications. Engineered to complement the exceptional maneuverability and stability of PALFINGER's fast rescue boats, these davits guarantee smooth and reliable launch and recovery, even in the most demanding sea conditions. Their advanced hydraulic systems enable swift deployment, allowing for immediate response in rescue operations. Constructed from high-quality, corrosion-resistant materials, these davits ensure durability and low maintenance costs, making them a reliable solution for long-term maritime operations. With precision engineering and robust construction, PALFINGER's fast rescue boat davits enhance mission readiness, providing the flexibility and efficiency required for successful rescue missions, offshore interventions, and emergency response scenarios.





RELIABLE DOCKING HEAD AND DUAL HOOK DAVIT SYSTEMS FOR MISSION CRAFTS

A robust and efficient davit system is essential for the safe launch and recovery of daughter crafts in navy and coast guard operations. Designed for high performance in demanding offshore conditions, PALFINGER MARINE's davits ensure smooth and secure handling, even in rough seas.

Engineered for fast and controlled deployment, PALFINGER's davits enable quick response times in critical missions. Their durable construction and advanced hydraulic systems ensure stability and precision, minimizing risks during launch and recovery. Whether integrated into naval vessels or coast guard ships, these davits provide an optimal solution for operating different boat types efficiently and safely in any maritime environment.

OUR SERVICE PORTFOLIO

As a leading manufacturer of innovative and reliable equipment for the governmental industry with an impressive global portfolio of 25+ brands, PALFINGER MARINE is committed to flexible and efficient service solutions. With a network of 30 sales and service hubs all over the world, we ensure fast and professional on-site support for our customers.





INSPECTION AND
MAINTENANCE

SPARE PARTS AND
REPAIR

REFURBISHMENT AND
UPGRADES



HOOK
REPLACEMENT

AGREEMENTS

TRAINING

INDUSTRIAL
SERVICES |
ROPE ACCESS

GLOBAL SERVICE NETWORK

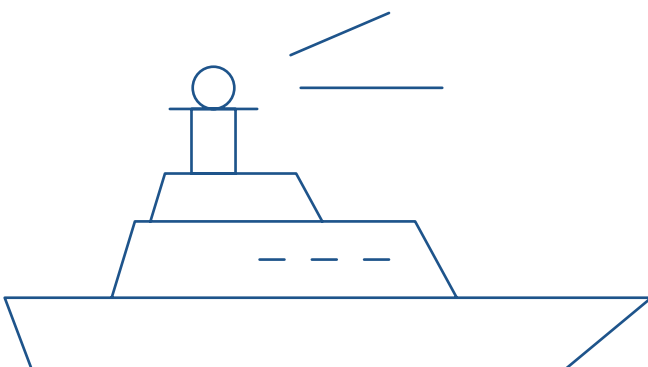
PALFINGER MARINE is a reliable and professional partner in every situation, from telephone assistance to on-time delivery and instant on-site support. A global network of specially trained engineers and experts with extensive know-how and experience provides comprehensive, customized and reliable service solutions to customers worldwide.





PALFINGER WORLDWIDE

📍 HQ SALZBURG, AUSTRIA
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 📍 ASSEMBLY AND PRODUCTION SITES



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