

# Marinas, Pontoons, Floating Solutions



# Contents

## 3 A WORD FROM CEO

## 4 MARINETEK GROUP CORPORATION

## 5 OUR PROMISE

## 6 WORLD CLASS MARINAS



- 6 Palm Harbour Marina
- 7 Anchor Marina
- 8 Port Louis Marina
- 9 Grand Harbor Marina
- 10 Cesme Marina
- 11 Marina Mandalina
- 12 New Port Keilalahti
- 12 Svanemøllehavnen
- 13 Porto Carras

## 14 PREMIUM PONTOONS



Marinetek Premium Pontoons offer premium quality to fulfill the highest demands.

## 16 HEAVY DUTY PONTOONS



Heavy Duty Pontoon is the most widely used concrete pontoon model.

## 18 BREAKWATERS



Nothing has been more thoroughly researched at Marinetek over the past 20 years than its series of Breakwaters.

## 20 CONDUCT PONTOONS



Conduct Pontoons are a traditional choice with a successful history.

## 22 ALUMINIUM PONTOONS

## 24 TIMBER PONTOONS

## 26 BOAT MOORINGS



Marinetek provides the widest selection of high quality boat mooring systems from light boat booms to heaviest concrete Super Yacht fingers to meet all the needs of the most modern marinas.

## 28 FLOATING SOLUTIONS



Marinetek's portfolio also includes a variety of Floating Solutions.

## 30 BRIDGES AND LANDING STAGES

## 32 VILLA PONTOONS



Marinetek offers a wide range of villa pontoons with concrete, plastic and Heavy Duty floats for all types of leisure activities.

## 34 SPECIAL PONTOONS



Marinetek produces a range of Special Pontoons, Villa Pontoons and floating structures for a wide variety of purposes.

## 36 MARINA EQUIPMENT

## 38 2 000 REFERENCES

## 40 TECHNICAL DATA

## 42 ONE-STOP SHOP FOR WATERFRONT SOLUTIONS

# Keeping Dreams Afloat.



**Ilkka Seppälä, CEO**  
Marinetek Group

With ever increasing world class references, new pontoon solutions and an impressive array of associated products and services, Marinetek looks forward to the future, armed with its new company values of passion, commitment and hard work.

I am, personally, delighted to have been part of Marinetek's growth in recent years and am proud of its increasingly impressive global reach. In addition to our success in our traditional European markets, we have secured projects in North America, China and Ukraine. We also invested further in the Nordic region by purchasing Swedish pontoon company NFB and we were rewarded for our success when Marinetek won Company of the Year in Helsinki and I was appointed as a Member of the World Entrepreneur of the Year Academy. Exciting times!

Marinetek has 56 distributors working in over 40 countries and production plants in 12 countries. To date, we have over 2 000 top marina references in no fewer than 35 countries; an impressive track record that is a testimony to the quality of our products.

We achieve this consistent quality by paying attention to detail and by using our depth of knowledge to deliver 'more than surface'. We also invest heavily in R&D and take pride in expanding our product range, which most recently has been extended to include a new all-concrete pontoon series and a complete aluminium pontoon range.

Irrespective of the size of your project and your choice of materials, Marinetek will provide a tailor-made solution. Contact us direct or via our global network. We are ready to help you keep your dreams afloat.



Al Bandar, Abu Dhabi, U.A.E.  
Premium Pontoons with  
Super Yacht Fingers delivered  
by Target Engineering, Abu  
Dhabi.



# Marinetek Group Corporation

New products, new solutions, new partners, new markets, new challenges. The Marinetek product and solution portfolio is the most extensive in the world and is truly a one-stop-shop for Waterfront Solutions. We operate in 45 countries and have the biggest production capacity in twelve countries.

Marinetek's product range includes villa pontoons for private use, a variety of marina pontoons, floating solutions e.g. floating houses, floating utility buildings, floating stages etc. Besides the wide product range, we offer services including marina design and consultation, know-how, maintenance, supervision and project management.

Our Marinetek team realises above all that by accelerating the pace of new product development, we can continue to give our worldwide customers the best. Every year we review and develop our product range to bring the most suitable marina solutions to the market.

## Marinetek Group Corporation Facts:

- ▶ Founded in 1994 and swiftly expanded.
- ▶ Headquarters in Helsinki, Finland.
- ▶ Fully owned by the management.
- ▶ 15 subsidiaries.
- ▶ The biggest marina and pontoon manufacturer in Europe.
- ▶ The most experienced and the most international.
- ▶ Company of The Year 2009 in Helsinki by Helsinki Entrepreneurs.
- ▶ Ernst & Young World Entrepreneur of the Year 2009 in Finland.



**Ernst & Young  
Entrepreneur Of The Year®**

*Award Winner 2009*

Ilkka Seppälä, CEO and owner of Marinetek Group, was appointed a member of the Ernst & Young World Entrepreneur of the Year Academy at an awards ceremony held in Monte Carlo's Salle des Etoiles. The 2010 awards ceremony marks the tenth consecutive year the Ernst & Young World Entrepreneur of the Year has been held. Seppälä is the first marina builder in this highly prestigious academy of worldwide entrepreneurs.



ACI Marina Skradin, Croatia.  
Heavy Duty pontoons  
delivered by Marinetek NCP,  
Croatia.



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# Our Promise

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## MORE THAN SURFACE



Our promise "More Than Surface" underlines the depth of quality of our products, processes and services. It emphasises the value we place in creating the skills needed to keep our brand promises and continuously improve our way of working together. Marinetek values: passion, commitment and hard work act as a guide to how we want to operate. The most important thing for Marinetek is to keep its promise.

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## PRO CUSTOMER



By listening to customers' needs and problems, learning about their culture and values as well as exchanging ideas, Marinetek establishes relationships that last a lifetime. Ultimately, the aim is to develop winning solutions for the customer and to deliver all the promises given. By being proactive and constantly available, Marinetek continues building partnerships based on trust and long-term co-operation.

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## RELIABLE PARTNERSHIP

Marinetek is an internationally recognised brand name for quality marina products and a well known provider of Floating Solutions for developers. Marinetek personnel and their network of experts, sub-contractors and partners dedicated solely to the design and development of marinas and Floating Solutions guarantee the perfect partnership.

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## EXTENSIVE EXPERIENCE

Marinetek's extensive experience in the marina business has made it an international success. The Marinetek team comprises engineers and other professionals from around the world who also enjoy close co-operation with universities. We have in-house design with key personnel who have worked for over 25 years on the design, manufacture and installation of floating structures around the world.

## DETAILED DESIGN



As well as ensuring that all Marinetek designs meet the latest industry standards, we also make tailor-made solutions for our customers' needs. This enables us to offer high quality, long-lasting and inherently strong products that are simple to install, maintenance-free and the very best value for money.

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## EXCEPTIONAL QUALITY

Marinetek's high production levels in twelve countries are coupled with exceptional quality control, guaranteed uniform quality, competitive prices and customer satisfaction. Continuous product development and improved production processes have combined to make Marinetek innovations and products unique. We operate under ISO 9001 and ISO 14001 and have several type approvals for pontoons in many countries.

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## FULL PRODUCT RANGE

The Marinetek product range is the widest in the world, meeting many different customer needs as well as different budgets. We have concrete, steel, aluminium and timber pontoons and breakwaters. The world famous Marinetek Breakwaters have 30 % better wave attenuation than competitive systems with proven wave attenuation diagrams. Marinetek also offers a wide selection of other floating solutions and equipment and it works closely with various internationally branded companies.

## TOP REFERENCES



More than 2 000 top reference projects in 35 countries perfectly endorse Marinetek's reputation for excellence. Some of our projects have been very challenging, including Grand Harbour Marina on the archaeologically sensitive island of Malta, the luxury Porto Carras Marina in Greece, the Floating Reposaari Village in Finland, the most modern Carrickfergus Marina in Northern Ireland and the top reference in the whole world, the Anchor Marinas in the Palm Jumeirah in Dubai.

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## FLOATING SOLUTIONS

Marinetek can provide everything necessary for your waterfront development, ensuring that your idea becomes reality. Our solution include marinas for boats, landing stages, overpass bridges, service buildings, floating houses, swimming arenas, floating golf ranges, floating restaurants and terraces. Our turnkey services include everything you need to complete your project.

## MARINETEK GROUP



When you become a Marinetek customer, you enter the Marinetek global network - an international group of strong and well organised companies with experienced management who are used to co-operating with demanding projects and customers. There are globally 300 Marinetek experts at your service worldwide and we all want to ensure that Marinetek customers benefit from all the know-how we have available.

# World Class Marinas



## Palm Harbor Marina

### **Palm Harbor Marina, West Palm Beach, Florida, USA**

Designed to delight owners, captains and crew alike, this world-class South Florida marina welcomes the international yachting community with superior facilities, exceptional hospitality and high-class berthing. It is ideally located in the heart of the Palm Beaches, just steps away from everything this world-famous South Florida destination has to offer. A state-of-the-art Marinetek concrete floating pontoon system is complemented by a comprehensive array of amenities. Thoughtfully designed and impeccably serviced, Palm Harbor Marina offers the best facilities in the USA.






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### FACTS

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**Capacity of the marina:** 200 berths for 18- 75 m yachts.

**Products:** Super Yacht Pontoons, Concourse Pontoons, Super Yacht Fingers.

**Customer:** Chase Enterprises LLC.

**Delivered by:** Marinetek North America, Florida, USA.

**Specialities:** Coloured concrete, FRP decking, pile mooring, fully equipped.

**Year of completion:** 2010.

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# Anchor Marina

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### Anchor Marina, Palm Jumeirah, Dubai, United Arab Emirates

Purposely placed on the west and east side of The Palm Jumeirah's trunk, Anchor Marina provides 600 berths for yachts of 10 - 30 meters in length. Marinetek's extra wide and stable concrete pontoons provide an extraordinary level of comfort for the marina guests. The marina is the first to be built to this standard in the U.A.E. Anchor Marina's berths are of generous width to suit the modern generation of yacht and finger piers provide convenient alongside access with high tech utilities, discrete LED illumination, underwater lighting, and designer fixtures and fittings. There are also two fully equipped floating utility buildings at both Anchor Marinas.

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### FACTS

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**Capacity of the marina:** 600 berths.

**Products:** Super Yacht, Concourse and Heavy Duty Pontoons, Super Yacht Fingers.

**Customer:** Nacheel, Dubai/ Island Global Yachting.

**Delivered by:** Marinetek Middle-East and Asia, Dubai. U.A.E.

**Anchoring:** Seaflex mooring system.

**Specialities:** 4 Floating Utility Buildings, Coloured concrete, FRP decking, curved main spines.

**Year of completion:** 2007.



# Port Louis Marina

## Port Louis Marina, Grenada, West Indies

Situated in a natural lagoon on the lee side of the 'Spice Island' of Grenada in the Eastern Caribbean, Port Louis Marina offers luxury slips in the Grenadines.

Port Louis Marina, opposite the island's capital, St Georges, offers the ideal base for yachts exploring the Eastern Caribbean and the Grenadines. Safely situated below the hurricane belt, the marina provides a perfect place for all kind of boats, year round.

Port Louis Marina offers marina berths up to 90 m and top class facilities to all yachtsmen including a swimming pool, brand new "1782 Restaurant & Bar", and has many victualling and technical service operators on site.



### FACTS

**Capacity of the marina:** 220 berths.

**Products:** Super Yacht pontoons, Heavy Duty pontoons, Super Yacht and Concrete Fingers.

**Customer:** Camper & Nicholsons.

**Delivered by:** Marinetek Group, Helsinki, Finland.

**Year of completion:** 2009-2010.





# Grand Harbour Marina



## Grand Harbour Marina, Malta

One of the finest marina locations in the world, Malta is rich in history, culture and heritage yet modern and cosmopolitan. This luxury Mediterranean marina in Malta is also an established cruising destination for visiting yachts throughout the Mediterranean season.

Camper & Nicholson's flagship luxury marina, Grand Harbour, on the east coast of Malta, is located within one of the largest deep water natural harbours in the world.

With marina berths for yachts and super yachts up to 100 m, Grand Harbour Marina's luxury facilities easily match those of the Cote d'Azur. Superbly serviced, sheltered and secure, it offers unrivalled views, a stunning setting and access to Malta's historic capital.

## FACTS

**Capacity of the marina:** 250 berths.

**Products:** Breakwaters, Super Yacht and Heavy Duty Pontoons.

**Customer:** Camper & Nicholson's.

**Delivered by:** Marinetek Group, Helsinki, Finland.

**Specialities:** Seaflex mooring with concrete sinkers.

**Year of completion:** 2003.



# Cesme Marina

## Cesme Marina, Turkey

Camper & Nicholson's newest marina, Cesme Marina in Turkey, is located in a still undiscovered and chic part of Turkey's stunning coastline at the western end of the Izmir Peninsula. The location is ideal for cruising the Aegean and Mediterranean or just for short trips to the local Greek Islands.

Cesme Marina offers 400 fully serviced berths for yachts up to 60 m as well as a full service boatyard with 80 ton boat lift and hard standing for up to 100 yachts. This luxury marina, suitable for all yachts including super yachts is set in a natural harbour in Turkey.



### FACTS

**Capacity of the marina:** 400 berths.

**Products:** Heavy Duty Pontoons and Aluminium Pontoons.

**Customer:** IC Holding/Camper & Nicholson's.

**Delivered by:** Marinetek DAS, Istanbul, Turkey.

**Year of completion:** 2010.





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# Marina Mandalina

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## **Marina Mandalina, Šibenik, Croatia**

Mandalina Marina is located in the centre of the Croatian Adriatic coast, in the historic town of Šibenik, between two national parks: Kornati archipelago and Krka waterfalls.

Currently, Mandalina Marina & Yacht Club features 350 in-water slips and 50 dry - dock berths on land and accommodates vessels up to 75 meters, offering an outstanding range of on-site conveniences for luxury yacht owners, their guests and crew members. There is also an ongoing expansion of the mega yacht marina. When complete, the mega yacht marina will offer an additional 65 berths for vessels up to 100 meters in length.

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## **FACTS**

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**Capacity of the marina:** 400 berths.

**Products:** Heavy Duty and Super Yacht Pontoons, Breakwaters, Mooring Fingers.

**Customer:** Nautical Centre Prgin, Šibenik, Croatia.

**Delivered by:** Marinetek NCP, Šibenik, Croatia

**Specialities:** Deep water Seaflex installation.

**Year of completion:** In stages during 2006-2008.





# New Port Keilalahti

## New Port Keilalahti, Espoo, Finland

This luxurious marina is perfectly located at Keilalahti Bay in Espoo City, in the midst of Finland's 'Silicon Valley'. This is an area of considerable economic wealth, the heartland of technological developments and the head office site for international companies like Nokia, Kone and Fortum.

New Port Marina offers sheltered and secure moorings and excellent services for demanding boat owners. The marina is constructed using the latest technology and design of Marinetek Heavy Duty, Super Yacht and Breakwater pontoons. Each berth has electricity and water. There is also a pump-out station and toilets for boat owners. New Port Keilalahti is the flagship marina of the swiftly expanding New Port marina chain in Finland.



### FACTS

**Capacity of the marina:** 300 berths.

**Products:** Breakwaters, Steel, Conduct and Heavy Duty Pontoons, Mooring Fingers and Super Yacht Fingers.

**Customer:** Marinetek Marinas, Helsinki, Finland.

**Delivered by:** Marinetek Finland, Helsinki, Finland.

**Specialities:** Most modern marina in the Nordic countries. Two floating buildings. Seaflex mooring.

**Year of completion:** In stages during 2002- 2010.



# Svanemøllehavnen

## Svanemøllehavnen, Copenhagen, Denmark

With Marinetek's Danish partner, CC-Design, Marinetek has completed the biggest marina project in Denmark. The Svanemøllehavnen in the heart of Copenhagen City was fully rebuilt in three phases. The marina is the

biggest in Denmark with 1200 berths up to 20 m boats and was constructed using mainly Marinetek Heavy Duty Pontoons and Fingers. All pontoons were produced in Finland and the fingers in Marinetek Latvia.

### FACTS

**Capacity of the marina:** 1200 berths.

**Products:** Heavy Duty Pontoons, Concrete Pontoons with timber decks, Mooring Booms and Fingers.

**Customer:** Copenhagen Harbour.

**Delivered by:** Marinetek Group, Helsinki, Finland.

**Specialities:** Large marina renovation installed during harsh ice-situation, pile mooring.

**Year of completion:** In stages during 2008-2010.



# Porto Carras

## Porto Carras Marina, Porto Carras, Greece

The Porto Carras Grand Resort Marina is the largest private marina in Northern Greece and receives a Blue Flag every year. The marina is very famous and ideal for entertainment, touring and watersports. The recent renovation has enhanced and improved the services offered so that the marina can currently offer its customers a series of facilities as well as Port Captain service 24 hrs/ day. The marina is open all year round and has been at full occupancy since opening.

### FACTS

**Capacity of the marina:** 315 berths.

**Products:** Super Yacht Pontoons, Heavy Duty Pontoons, Steel Pontoons, Mooring Fingers.

**Customer:** Technical Olympic.

**Delivered by:** Marinetek Group, Helsinki, Finland.

**Year of completion:** 2003.

# Premium Pontoons



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*Marinetek Premium Pontoons offer premium quality to fulfill the highest demands placed by top class marinas when serving the biggest yachts.*

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2.

**Premium Pontoons**, designed especially for the super yacht sector, are continuous flotation concrete pontoons that offer extreme stability, convenient high freeboard and super sized service channels to accommodate the high service requirements of super yachts. The Premium range includes two different pontoon types: Concourse and Super Yacht.

**Concourse Pontoons** are up to 6 meters wide, with 64 ton displacement and incorporate a 1 meter wide central service channel as an option. They are designed for the largest marinas, public

concourses and overpass bridges and are suitable for powered hospitality carts.

**Super Yacht Pontoons** provide unprecedented high standards of floating berthing facilities for super yachts. Walkways up to 4,5 meters wide can be utilised in a Mediterranean Mooring arrangement or with Super Yacht Fngers up to 16 meters long. Top entry service channels run along both sides of the pontoons as an option. Pontoons are extremely strong and need hardly no maintenance. Seaflex mooring arrangement as standard.



1. Port Louis Marina, Grenada after the Super Yacht marina part was completed in 2009. Mooring pontoons are of 3,5 m wide Super Yacht Pontoons with Seaflex mooring system.
2. Super Yacht mooring with a 20 m long aluminum gangway for museum ships in Kotka, Finland.
3. Al Bandar Marina under construction by Target Engineering in Abu Dhabi. 5 m wide Concourse Pontoons with central service channels.
4. Anchor Marina main spines are 6 m wide Concourse Pontoons with central channels and FRB decking. Mooring is made of Seaflex system.
5. Palm Harbor Marina main walkways are of 4,5 m wide Super Yacht Pontoons made of colored concrete. Splays, channel decking and fenders are made of FRB.



# Heavy Duty pontoons



*Heavy Duty Pontoon is the most widely used concrete pontoon model, favoured for private use as well as for the biggest marinas. Designed for boat mooring in modern marinas, overpass bridges and landing stages, pontoon units are very strong and maintenance-free with a high loading capacity and very long service life.*



**Heavy Duty Pontoons** include three pontoon types, All Concrete, Heavy Duty and Premier. They are constructed from strong, all-concrete floats connected by flexible rubber bolt joints, cornerwise and sideways if required.

**The All Concrete Pontoon** model is a new model with optimised use of

materials to generate an economical but very strong pontoon for any marina.

**Heavy Duty Pontoon** has been the most used pontoon type and is excellent as a stable pontoon with various sizes to choose from.

**Premier Pontoon** is a high freeboard option providing easy access to and from bigger boats.

The Heavy Duty series is offered with a range of optional accessories that can be incorporated to customise each system. Options include different kinds of concrete coatings; softwood or wood plastic composite decking and cable ducts to carry water, power, grey water and fire mains; and fixing rails which incorporate universal adjustments for fingers up to 12 meters. Float modules





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are available in a range of standard sizes up to 4 meters wide and weighing up to 21 tons. They are durably constructed units of continuous flotation providing high loading capacity, good stability and connections for even the strongest mooring points for large marinas. All Heavy Duty floats have a unique anchoring system specifically designed to accommodate Seaflex for easy and safe mooring.

As with all Marinetek concrete systems, Heavy Duty pontoons are of exceptionally strong construction with a 50 year design lifetime.



1. New Port Kalanokka consists of 3,3 m wide Heavy Duty pontoons, 2,4 m wide All Concrete pontoons, mooring Fingers and light weight Booms.
2. Tammisalo Marina in Helsinki, Finland consists of 2,7 m wide Heavy Duty pontoons, standard wooden bridge and light weight mooring Booms.
3. 120 berth Marina Gdansk opened in 2009. The marina has standard 2700 series Heavy Duty pontoons.
4. Port Louis Marina in Grenada has 3,3 m wide Premier pontoons with service channels and 9 m and 12 m long Concrete Fingers.
5. Finn Marina in Moscow, Russia has Heavy Duty pontoons with timber deck and Fingers.
6. ACI Vrboška Marina in Croatia has 3300-series Heavy Duty pontoons connected as a star.

# Breakwaters





2.

*Nothing has been more thoroughly researched at Marinetek over the past 20 years than its series of Breakwaters. These world famous wave attenuator pontoons have been installed all over the world.*



1. 3800 series Breakwater is protecting Holly Loch Marina in Scotland.
2. Gorgeous Marina in Milna, Croatia is protected by 3800 series Breakwater built by Marinetek NCP.
3. 4300 and 3800 series Breakwaters in Seget Marina, Croatia built by Marinetek NCP, Croatia.
4. Troia Marina in Portugal has 3800 series Breakwater with timber deck. The Breakwater pontoon have been produced and installed by Ahlers Lindley, Portugal.
5. Marinetek Breakwaters have been testing in heavy storms. According to the extensive field testing the Breakwaters work better than theoretically calculated. Göcek Marina, Turkey by Marinetek DAS.

**Breakwaters**, now in third generation production, have been installed around the world often in the harshest environments. No single unit has ever failed and in some cases the Marinetek unit has been the only pontoon to withstand the test. In Praia da Vitoria in the Azores, after the tropical storm Tanya had raged for two days, the Marinetek Breakwater was the only pontoon still in place.

This kind of exceptional strength, coupled with excellent wave attenuation, is a design achievement resulting from technical research undertaken worldwide. Tank testing, theoretical calculations and field tests have been the norm. Results are impressive – the third generation breakwater, in production for the

past 15 years, has 30 % better wave attenuation than competitive products.

Justifiably proud of the effectiveness of its system, Marinetek is the only breakwater manufacturer in the world to publish wave attenuation diagrams with proper research for its different breakwater models. Breakwaters reduce the wave height and strength by directly deflecting some of the energy and dissipating smaller amounts by friction and turbulence. The main technical parameters, i.e. width, height, weight and moment of inertia, are selected for maximum attenuation capacity.

The connection between the pontoon units is semi-flexible with sufficient rigidity to enable the breakwater to work as a continuous structure.



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# Conduct pontoons



1.

*Conduct pontoons are a traditional choice with a successful history. The pontoons have been produced for over 25 years and installed in many locations in Great Britain. The new generation of this great product is a surprisingly stable pontoon that can easily be transported to any location.*



2.

**Conduct Pontoon** is a high quality modular pontoon system designed for use in modern and sheltered marinas. The pontoon offers high stability similar to full concrete floats due to its heavy components, which comprise a fully welded and galvanised steel structure incorporating a reinforced concrete deck. The concrete deck is maintenance free and the solution is economical to transport anywhere in a container.



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Conduct pontoons are equipped with top entry service channels on both sides for easy installation of electricity and water services. The pontoon is supported with epoxy coated EPS floats or, optionally, with concrete floats.

The new Conduct Pontoon design includes a much stronger and lighter deck. The elements can be fixed cornerwise in 0,25 meter intervals. All

kinds of angles and shapes are now possible. Two standard widths are available but the flexible design allows for different widths.

Finger fixings to the pontoons are straightforward and can be flexibly located to suit specific requirements. In addition to the Conduct finger range, all Marinetek finger pontoons can be attached to the Conduct system.



1. Conduct pontoons have concrete deck cast on the hot-dipped galvanized steel frame. Floats are either plastic or concrete. It is popular pontoon type especially in the UK.
2. Gosport Marina has 3 m wide Conduct pontoons with plastic floats.
3. Brayford Marina in England has 2,4 m wide Conduct pontoons and 12 m long mooring fingers.
4. Carrickfergus Marina near Belfast in Northern Ireland was completed in 2008 by Marinetek UK. This 350 berth marina consists of Conduct, Heavy Duty pontoons and mooring fingers. This was the biggest marina project in the UK that year.
5. Because of the heavy concrete deck Conduct Pontoon system is very stable in spite of light weight plastic floats.
6. Conduct pontoons is suitable for the full Marinetek Finger series.



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# Aluminium pontoons

TECHNO MARINE™  
Advanced Docking Solutions





*The Technomarine Aluminium Pontoon system includes a complete line of advanced solutions for walkways, bridges and boat moorings for modern marinas. The light weight of the pontoons makes the logistics and installation easy. Further to the standard solutions and element sizes, customised designs are available meeting all the necessary modifications for marina use.*

**Technomarine Aluminium pontoons**

are offered in a range of sizes and strengths, suitable for berthing small boats as well as bigger yachts. They are designed to perform under extreme weather conditions and with virtually no maintenance. The extrusions are made from marine-grade aluminium alloy 6061-T6 and are suitable for the salt-water environment. The tracks integrated in the lateral extrusions enable fingers, moorings and other accessories to be swiftly and easily reconfigured. Service ducts under the decking allow easy access to the services. Decking options include

hardwood, treated wood, composite wood, polypropylene and fibre-reinforced concrete.

Standard widths are 3,1, 2,5 and 2,1 m and element length 11,55 m, suitable for container transport. The fingers and pontoon sections are linked using flexible noise-free rubber connectors. The floats are of concrete or of polyethylene shells filled with EPS foam.

The 500 series is the top of the range representing the latest technology in aluminium pontoon systems.



1. Old Port Cove Marinas, North Palm Beach, Florida, USA. This 60 berth marina was built by Technomarine USA in 2009.
2. Aluminium pontoons are available in different widths, strengths and decking options. In addition to the standard models, custom built units are available to suit corners and different shapes.
3. 2,5 m wide standard Aluminium System with composite wood decking in Cesme Marina, Turkey.
4. For 450-berth Kas Marina, scheduled to open in spring 2011, Marinetek DAS supplied and installed a total of 1100 m of standard 2,5 m wide aluminium pontoons with hardwood decking and plastic floats.
5. 3,1 m wide System 2130AL in Cesme Marina, Turkey.



# Timber pontoons



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1. Magic Point Marina in Mangalia, Romania has System 242 timber pontoons with soft wood decking and 9 m long Fingers.
2. Marina Braila is floating in Danube river in Romania and is designed for up to 7 m water-level variations and strong current. Timber pontoons are of System 241 and boat mooring of 6 m long light weight Booms.
3. The world famous Peterhof Palace in St. Petersburg, Russia has overpass bridge made of System 241 Timber Pontoon. This unique project has been delivered by Marinetek SPB of Russia.
4. Essex Waterfront development is Copenhagen, Denmark has standard System 241 Timber Pontoon with 6 m mooring Fingers.
5. Sandefjord Marina in Norway has timber pontoons with soft wood decking and mooring booms. This marina has been delivered by Marinetek NFB of Sweden.

*Always popular, especially with smaller marinas, the Marinetek Timber Pontoon range is more than just a traditional choice – it's surprisingly versatile, easily customised and extremely cost effective.*

**Timber Pontoons** are offered in different variants for boat moorings and general purpose use. Customers can choose exactly what they want, in terms of pontoon length and loading capacity and extend or modify the arrangement according to the shape or berthing capacity required even after installation.

Timber frames are manufactured from treated Nordic pine, famed for its flexibility. Systems with concrete floats are assembled using prefabricated timber-framed deck elements to create a continuous rigid structure.

Pontoons with plastic floats also use prefabricated elements and are connected by flexible rubber bolt joints. The plastic floats of different shapes and heights and plastic tubes offer varied freeboard options. Different float options and frame constructions and a choice of pontoon mooring methods – chain, pile or Seaflex – provide considerable options to meet many different needs and budgets. As for all Marinetek systems, further customisation is also available.



5.

# Boat Moorings



*Marinetek provides the widest selection of high quality boat mooring systems from light boat booms to heaviest concrete Super Yacht fingers to meet all the needs of the most modern marinas.*

**Super Yacht and Concrete Fingers** provide the strongest and most convenient moorings for big yachts. Being very stable, they offer safe mooring, comfortable wide access and high loading capacity. They are suitable for all Marinetek concrete pontoon models with customised fixings.

**Marinetek Mooring Fingers** are very strong and stable, making them ideal for demanding solutions. The fingers have a

steel frame and are fitted to the pontoon by rubber bolt joints and adapters to match with different pontoon types.

**Marinetek Boat Booms** are light and have a plastic end fender and a fixing bar at the top end. The fingers are fitted to the pontoon by hinges or adapters.

**Marinetek Buoys** are very strong, unsinkable and easy to anchor. They are of the highest quality and designed according to the boat anchorage regulations to enable safe anchorage for small and large boats.

**Marinetek Bollards, Cleats and Boat Rings** offer safe mooring for all boats from lightweight dinghies up to the largest super yachts. Bollards and Cleats are tested for 25-100 kN loads and fixed to the pontoon with cast-in sockets to ensure high mooring strength.





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See more boat moorings in "Villa Pontoon, Equipment and Floating Structures" catalogue.



1. 15 m long Super Yacht Finger in New Port Keilalahti, Espoo, Finland.
2. Stainless-steel Mega Yacht Bollard is designed for 10 ton loads.
3. Unsinkable Marinetek Buoys come with three different sizes. Standard color is red.
4. Concrete Fingers are 1 m wide and have several lengths. Splay can be either composite or wood. Port Louis Marina, Grenada.
5. 12 m long mooring Finger with KindaDek composite decking. Marina Mandalina, Croatia.
6. Standard 6 m mooring Finger with softwood decking. New Port Kalanokka, Finland.
7. Light weight mooring Booms are 4-12 m long and have different float options. Loviisa Marina with 6 m standard long Booms.
8. Longer than 12 m Super Yacht and Concrete Fingers are moored with end piles. Palm Harbor Marina, West Palm Beach, Florida.

# Floating Solutions



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*Apart from the marina construction business, Marinetek's portfolio also includes a variety of floating solutions and structures like: floating houses, utility and service buildings, offices, club houses, restaurants, swimming arenas and floating golf ranges. Construction on water is environmentally very friendly and Marinetek has more than ten year's experience in this sector.*

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**Marina Housing**, one of the Marinetek Group companies, is concentrating on designing and constructing turnkey solutions for floating houses and housing areas around the world. We have a wide range of specially designed House pontoons for this use.

Each House Pontoon consists of at least two all-concrete floats which are fixed sideways. Integrated electricity and sewerage systems are available.

Marinetek's new modular House Pontoon System can be used for bigger size floating solution needs.

Swimming arenas, like the world's biggest floating swimming arena in Copenhagen, Denmark, are always customised.

Marinetek Golf pontoons enable customers to build full scale driving ranges without the need to acquire land or invest in landscaping. Modular pontoon units are 15 meters long to



give five spacious tee areas. It is possible to connect as many floats as needed in order to install the number of tees required.

See more floating structures in "Villa Pontoon, Equipment and Floating Structures" catalogue.



1. Anchor Marina in the Palm Jumeirah, Dubai, U.A.E. has four utility buildings with technical spaces and restrooms. The structure is lightweight steel, facades are white fiber cement sheet and wood composite grilles. Completed 2009- 2010.
2. New Port Keilalahti Marina in Espoo, Finland a separate toilet and storage house built on the main access pontoon. The sewage system including a holding tank and pump is connected to the municipality sewage, water and power systems.
3. These unique two floating villas has, bedrooms, saunas, four terraces and elegant interior detailing and materials. The building has integrated holding tank and a sewage system in connection to the water purification plant of the city.
4. The combined clubhouse and restaurant in Copenhagen, Denmark has been built on seven House Pontoon units connected sideways.
5. These floating marina office and service buildings have been designed for Åre resort, in Sweden have sauna facilities, meeting rooms and a harbour master office to serve the users of the marina.
6. The houseboats are normal floating houses but designed to look like boats. Living area is on the second level giving a nice view over a surrounding marina.
7. The Floating Active Pier is a modular solution with multiple functions: offices, workspaces, restaurants, cafes, services and gardens.

# Bridges and Landing Stages





2.



3.

*Marinetek's heavier pontoon portfolio comes into play for bridge and landing stage designs ensuring that even the most demanding customer specifications and local authority regulations can be met with ease.*

**Bridges and Landing Stages** consist of elements from Marinetek Heavy Duty and Premium ranges giving unparalleled flexibility whatever the project.

The construction is long lasting, ice-proof and requires hardly any maintenance. Bridges can be fitted with railings and are shaped to enable small boats to pass easily and safely underneath. For heavier overpass bridges used by vehicles, the 3,5–5,0 meters wide Super Yacht and Concourse Pontoons are a preferred option.

As for bridges, landing stages are designed and constructed in accordance with local authority requirements as well as vessel type and size.

Safe mooring is guaranteed for even the biggest boats. Whatever the choice of components and whether it's a bridge or a landing stage, the resulting structure will be extremely strong, stable and of correct load bearing capacity. Compared to fixed structures, Marinetek floating platforms are economical to purchase and environmentally friendly. They also give long service life and require minimal time and expense to maintain. Boat mooring equipment, services, railings and other safety equipment can be incorporated as well.



1. ACI Skradin Marina, Croatia.
- 2.-3. Porto Carras Marina, Greece.
4. Tahkovoורי Ski Resort overpass bridge, Nilsia, Finland.
5. Moomin World overpass bridge Naantali, Finland.



4.



5.

# Villa Pontoons

Marinetek offers a wide range of villa pontoons with concrete, plastic and Heavy Duty floats for all types of leisure activities. Stable, spacious and safe Villa Pontoons help you make the best use of your waterfront and are excellent places for the whole family to relax.







1.



2.



3.



- 1. Sea Lion 2, is designed for demanding and challenging conditions and can safely moor larger size boats.
- 2. Starfish 1 with timber access bridge and wooden railings.
- 3. Scallop 1 with hinged timber access bridge.
- 6. Lobster 1 with D-fenders, Heavy Duty Cleats and Marinetek Buoy.
- 6. Sea Anemone 2, Heavy Duty Villa Pontoon with KindaDek composite decking, Heavy Duty Cleats.



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*Marinetek Villa Pontoons are ideal as swimming boat mooring platforms, as well as sunbathing decks – just lie back and enjoy!*

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**Villa Pontoons with concrete floats** comprise separate floats and a wooden frame for a strong, long lasting, maintenance free pontoon solution.

**Heavy Duty Villa Pontoons** are designed for demanding and challenging conditions and can safely moor larger size boats.

**Villa Pontoons with Plastic Floats** and wooden framework are an economical solution for shallow and wind protected sites. Villa Pontoons' timber deck is made of treated pine or optionally of plastic wood composite, KindaDek.

See more villa pontoons in "Villa Pontoon, Equipment and Floating Structures" catalogue.

# Special Pontoons





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*Marinetek produces a range of Special Pontoons, Villa Pontoons and floating structures for a wide variety of purposes. Examples of use include rowing, water ski and fuel pontoons, restaurant terraces, pilot boat stations and various industrial applications.*

**Special Pontoon** designs are based on Marinetek's plastic or concrete float constructions. However, we customise and produce specially designed units for industry to meet even the highest standards and specifications.

In addition to marina pontoons, Marinetek has a wide range of Villa Pontoons designed mainly for private use. The smallest models have timber frames and a low freeboard making them suitable for all kinds of water sports. The bigger and heavier ones are more suitable for mooring boats at private locations.

Marinetek has also been selected as an official supplier for the UIM Class 1 World Powerboat Championship. For this highly demanding application we have designed a special aluminium framed pontoon.



1. Hundige Marina, Hundige, Denmark.
2. Trakai Rowing Stadium, Lithuania
3. Floating restaurant, Tammisaari, Finland.
4. Floating terrace, Utena, Lithuania.
5. Class 1 World Powerboat Championship pontoon.
6. Jet Ski Dock.
7. Steel Pontoon, New Port Keilalahti, Espoo, Finland.

# Marina Equipment





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*With our portfolio of marina equipment we can provide the widest range of products to complete the turnkey marina solutions we offer.*

Our selection includes a large variety of equipment for many purposes, from safety equipment to water and electricity services or from fenders to fuel pontoons. These are the accessories that can add the final touch to a new marina or simply raise the level of services at an existing facility.

The large range of products is carefully selected and can fulfil the requirements of customers anywhere in the world. It is often the combination of small things that gives the impression of high class service. See more marina equipment in "Villa Pontoon, Equipment and Floating Structures" catalogue.



1. Life saving post.
2. Locker boxes to store the equipment you don't want on your boat.
3. A large variety of aluminium, steel and timber access bridges.
4. Floating pump-out pontoon to save the existing berths.
5. A range of fire fighting pedestals.
6. Rolec electricity and water services to meet today's service level.
7. Floating fuel station, certified to fulfil all the environmental requirements.



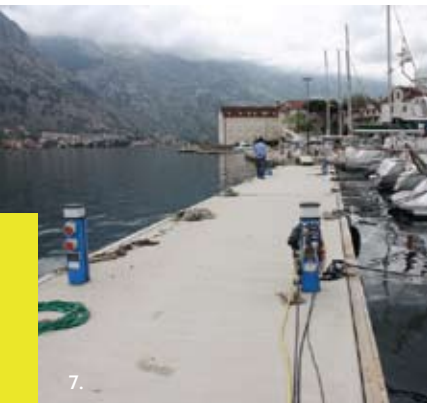
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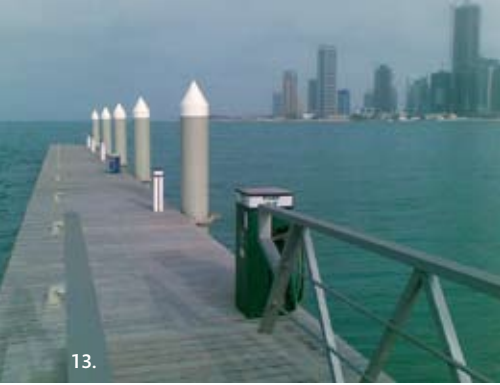


6.



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23.

## More than 2 000 top reference projects in 35 countries

- 1. Tallinn, Estonia
- 2. Stenungsund, Sweden
- 3. Reykjavik, Iceland
- 4. Uostadavaris, Lithuania
- 5. Almere, Netherlands
- 6. Cala dei Sardi, Italy
- 7. Prcanj, Montenegro
- 8. Göcek, Turkey
- 9. Gdansk, Poland
- 10. Pula, Croatia
- 11. Alicante, Spain
- 12. Mangalia, Romania
- 13. Doha ,Qatar
- 14. Riga, Latvia
- 15. Vila Franca de Xira, Portugal
- 16. Terijoki, Russia
- 17. Lappeenranta, Finland
- 18. Brayford, England
- 19. Copenhagen, Denmark
- 20. Varna, Bulgaria
- 21. El Gouna, Egypt
- 22. Abu Dhabi, UAE
- 23. Rosendal, Norway

# Technical Data

	Total width (m)	Structure width (m)	Height (m)	Free-board (m)	Net capacity (kN/m <sup>2</sup> )	Module length (m)	Type
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## PREMIUM PONTOONS

(page 14)



### CONCOURSE

6300CO	6,3	6,0	1,20	0,65-0,70	6,5-7,0	16/20	All- concrete
5300CO	5,3	5,0	1,20	0,65-0,70	6,5-7,0	16/20	All- concrete

### SUPER YACHT

4800SY	4,8	4,5	1,20	0,65-0,70	6,5-7,0	16/20	All- concrete
4300SY	4,3	4,0	1,20	0,65-0,70	6,5-7,0	16/20	All- concrete
3800SY	3,8	3,5	1,20	0,65-0,70	6,5-7,0	16/20	All- concrete
3300SY	3,3	3,0	1,20	0,65-0,70	6,5-7,0	16/20	All- concrete



## HEAVY DUTY PONTOONS

(page 16)



### PREMIER

3300PE	3,3	3,0	1,00	0,55-0,60	5,5-6,0	12/15	All- concrete
2700PE	2,7	2,4	1,00	0,55-0,60	5,5-6,0	12/15	All- concrete

### HEAVY DUTY

3300HD	3,3	3,0	0,85	0,50	5,0	12/15	All- concrete
2700HD	2,7	2,4	0,85	0,47	4,7	12/15	All- concrete

### ALL-CONCRETE

3000AC	3,0	2,8	0,85	0,50	5,0	9/12/15	All- concrete
2400AC	2,4	2,2	0,85	0,47	4,7	9/12/15	All- concrete



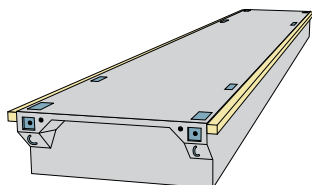
## BREAKWATERS

(page 26)



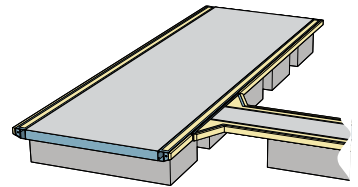
4300BRK	4,3	4,0	1,80	0,60	6,0	16/20	All- concrete
3300BRK	3,3	3,0	1,80	0,55	5,5	16/20	All- concrete

3800BR	3,8	3,5	1,20	0,60	6,0	16/20	All- concrete
3300BR	3,3	3,0	1,00	0,55	5,5	16/20	All- concrete

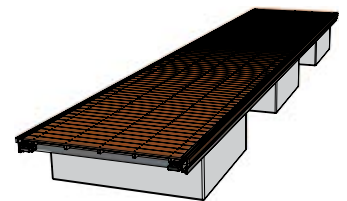




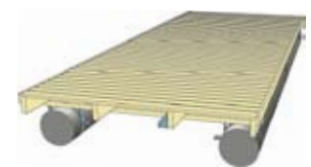
	Total width (m)	Structure width (m)	Free-board (m)	Net capacity (kN/m <sup>2</sup> )	Module length (m)	Type
<b>CONDUCT PONTOONS</b> (page 18)						
U2900CD	2,9	2,9	0,50	2,0	6/9	Concrete deck, plastic floats
U2400CD	2,4	2,4	0,50	2,0	6/9	Concrete deck, plastic floats



<b>ALUMINIUM PONTOONS</b> (page 20)						
SYS 2130AL	3,1	3,0	0,5-0,6	1,5-2,4	11,55	Aluminium frame with concrete or plastic floats
SYS 2124AL	2,5	2,4	0,5-0,6	1,5-2,4	11,55	Aluminium frame with concrete or plastic floats
SYS 1824AL	2,5	2,4	0,5-0,6	1,5-2,4	11,55	Aluminium frame with concrete or plastic floats
SYS 1821AL	2,1	2,0	0,5-0,6	1,5-2,4	11,55	Aluminium frame with concrete or plastic floats



<b>TIMBER PONTOONS</b> (page 22)						
SYS 300	3,0	3,0	0,58-0,60	1,0-1,9	4,8-8,0	Timber frame, concrete floats
SYS 242	2,4	2,4	0,58-0,60	1,3-2,5	4,8-8,0	Timber frame, concrete floats
SYS 241	2,4	2,4	0,56-0,60	1,0-2,0	3,8-6,5	Timber frame, concrete floats
SYS 200	2,0	2,0	0,57-0,60	1,3-2,5	3,8-6,5	Timber frame, concrete floats
SYS 3000T	3,0	3,0	0,45-0,50	0,4-1,1	6,2/12,4	Timber frame, plastic tube floats
SYS 2400T	2,4	2,4	0,45-0,50	0,5-1,4	6,2/12,4	Timber frame, plastic tube floats



Exact freeboard is subject to detailed specification of the unit, equipment and mooring method.

Marinetek operates a policy of continuous development and reserves the right to change specification without notice. All Marinetek products and corporate identity are copyright protected (Marinetek ©). Marinetek Group operates under ISO 9001 and ISO 14001 and have several type approvals for pontoons and equipment in many countries.

## MATERIALS

**Concrete:** 45–55 N/mm<sup>2</sup>, steel reinforced fibre concrete, exposure class according to European EN 206-1 standard.

**Core:** Expanded polystyrene, density 15 kg/m<sup>3</sup>.

**Reinforcement:** Partly or fully hot dip galvanised or stainless steel.

**Steel frame:** Hot rolled steel, galvanised to EN ISO 1461.

**Timber:** Pressure impregnated, graded pine.

**Deck:** Machined boards with anti-slip profile of hardwood, treated pine or wood plastic composite.

**Plastic Floats:** Polystyrene filled polyethylene.

**Plastic Tube Floats:** Extruded polyethylene, air filled.

# One-stop-shop for Waterfront Solutions

*Marinetek is now a true One-stop shop for Waterfront Solutions. We can deliver turnkey marina projects, provide additional equipment to your existing marina and even assist you to operate one.*

## TURNKEY SOLUTIONS

Marinetek has built more than 2 000 marinas in over 35 countries. We have the experience and expertise to deliver turnkey marina projects of exceptionally high quality. The know-how we have gained over the years enables us to choose the best products and design the marina to fulfil the needs of our customer and meet the requirements set by the prevailing natural conditions.

## EQUIPMENT

With our portfolio of marina equipment we can provide the widest product range to complete the turnkey marina solutions we offer. Whether it is a construction of a new marina or a refurbishment or an upgrade of an existing one, we can provide the extra equipment you need.

The carefully selected range comprises products we have trusted for years, complemented by a large variety of new products to fulfil all the needs of any marina.

## SERVICES

To complete our offering we also provide a variety of services. Examples include our design service, which can assist with your marina planning from the earliest stages, and maintenance service contracts that ensure your marina keeps functioning for years. In addition to these we also offer consultancy services such as guidance with marina operations with a top quality Marina Manual, which we provide.





## GLOBAL NETWORK

We work in 45 countries through our distribution network. With the strong support of the head office, this network of marina professionals is happy to advise you on everything from turnkey marina solutions to accessories. They are the experts in your country and will help you to find the best solutions to meet your local conditions and regulations and assist with local services for maintenance. Please find the contact information on our website [www.marinetek.net](http://www.marinetek.net) and invite us to visit you.

## DIRECT TURNKEY PROJECTS

Marinetek Group also runs marina projects in countries and regions that are not as yet covered by our distributor network. We have 25 years of experience complemented by the latest technology in making successful marina projects from small mooring sites to world class floating solutions. We are happy to come and meet you to explain our state-of-the-art solutions. Our contact details can be found on [www.marinetek.net](http://www.marinetek.net).

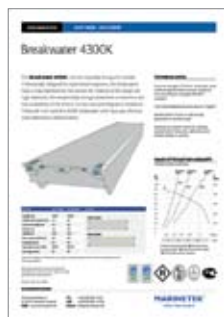
## MARINETEK WEBSITE



## OTHER MARINETEK BROCHURES



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