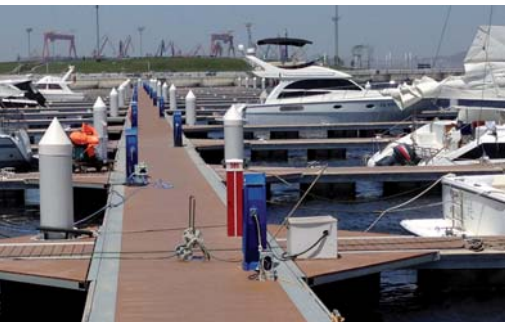




## ROLEC MARINA EQUIPMENT





# ROLEC - THE WORLD'S LEADING MARINA SERVICES SPECIALIST

*Serving the Marina Industry since 1990*

**Rolec have a dedicated team of engineers, able to offer advice and support at every level of your marina services development.**

When a marina project is so important, it has to be designed efficiently, installed correctly and completed on time - then it is Rolec who are usually chosen for this task.



For more than two decades Rolec has been firmly recognised as the world's leading specialist in the design, supply and installation of services to marinas and waterfront locations.

## WORLDWIDE PRESENCE

Pages 04 / 13

## PRODUCTS

Pages 14 / 37



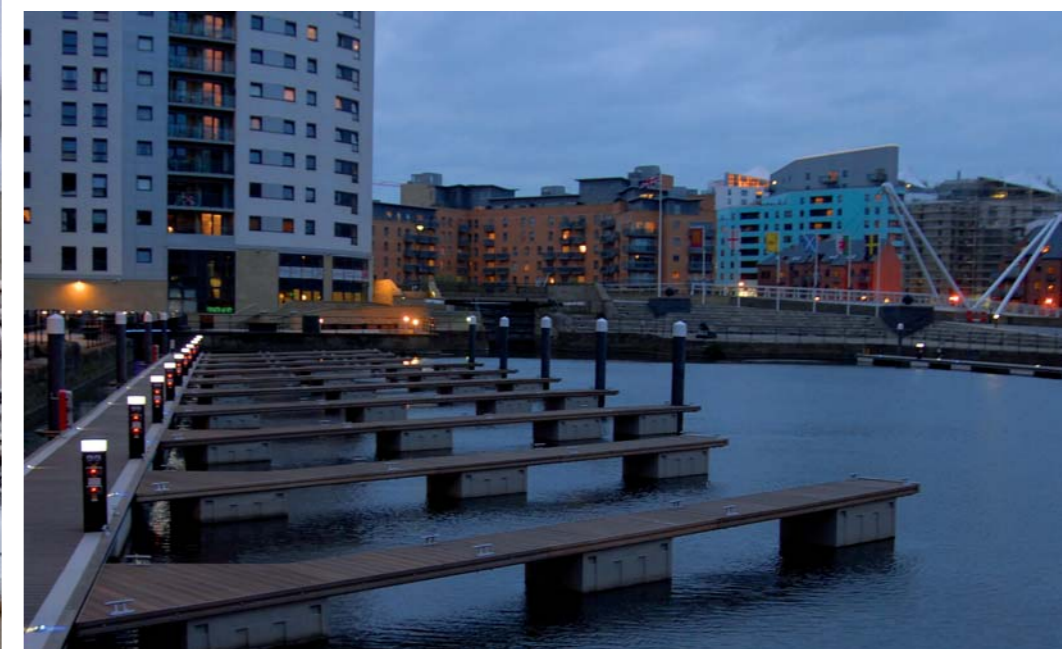
# THE UNITED KINGDOM



## *Servicing the Marina Industry Since 1990*

**Rolec's products and utility service systems have a proven track record** in the UK, which is evidenced by the fact that they feature on the majority of its marinas and waterways. We believe this is a true testament to our unrivalled product range, experience and professionalism.

We are committed members of both the British Marine Federation and the Yacht Harbour Association, the latter of which uses our technical support ability in the form of a council membership that gives guidance and assistance to marina industry clients.





# EUROPE



## *Over 125,000 Marina Pedestals Sold Worldwide*

**We understand the importance of localised trade** and reinforce this through our long-standing loyal network of European partners and distributors.

We have handpicked this network of around 20 professional companies with marina-industry experience to ensure European marina operators receive the same high level of dependable support as if they were dealing with the Rolec Head Office.



Photos / images are not contractual



# THE MIDDLE EAST

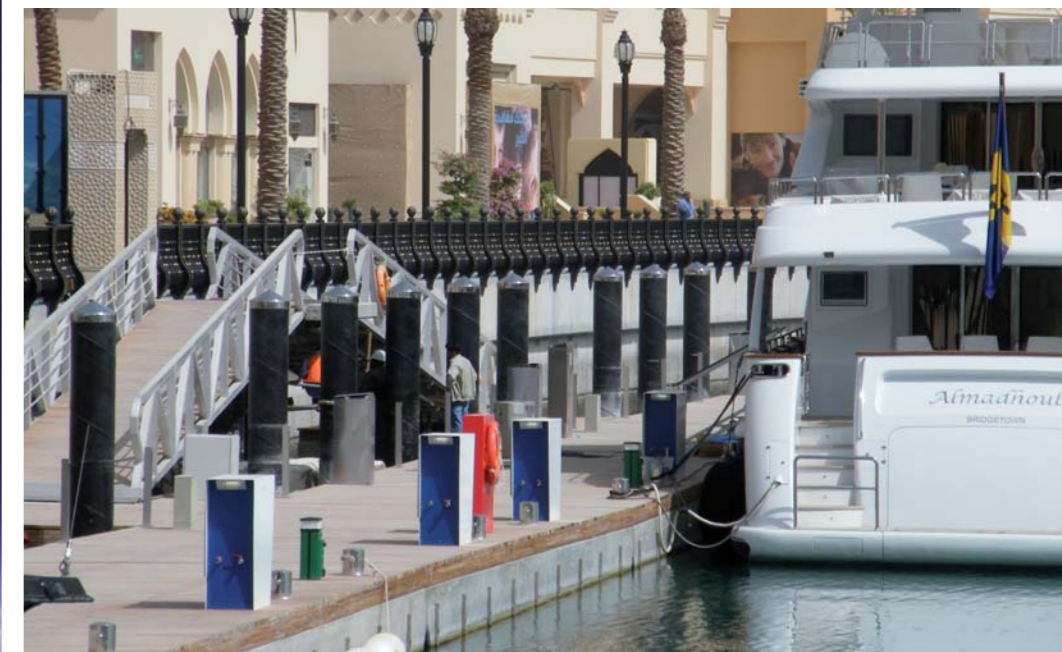


*Proud to be Part of Some of the World's Largest and Most Iconic Marinas*

**Rolec has been providing services to the Middle East for 20 years,** and has products and systems installed on over 100 of the region's marinas.

The flexibility of our range, as well as our ability to accomplish and manage

large and demanding projects, has been crucial to our success in the region and the recent launch of the Rolec Middle East sales, installation and support centre in Dubai will continue to add to this success in the future.





# ASIA & AUSTRALASIA



## *Trusted by the World's Marina Industry*

**Our ability to be flexible and adapt to clients' needs while appreciating local trends and regulations, coupled with our desire to provide quality, reliability and innovation, has resulted in huge successes in both Asia and Australasia.**

Over the past 20 years we have been involved in a significant amount of the area's marina and waterfront developments - ranging from simple private moorings as part of large residential developments to super-yacht marinas which completely rejuvenate the coastline.





# SOUTH AMERICA & THE CARIBBEAN



## *Product Range and Service on an Unparalleled Scale*

**Rolec's marina division has over 300 years of collective experience of marina services.** Marina services are at the heart of what we do, which is evident in the products we produce and the level of service we offer our industry clients.

We can easily customise our products to suit markets with unique specifications. We understand the complexities of the

requirement for dual voltage/frequency electrical systems in this region and have successfully delivered these on a variety of marina projects, which has seen us being invited back to undertake further phases of development. This always gives us great pleasure and we consider it an honour to be held in such high esteem within the industry.





# CLASSIC PEDESTALS

**The Rolec Classic pedestal is the world's most popular marina service pedestal, having been in service for over 25 years, with over 100,000 sold worldwide.**

The internal heavy-duty, hot-dipped galvanised steel chassis makes the Classic pedestal extremely strong, whilst the choice of external skins, which come in the form of stainless steel, aluminium, Foamex or composite, make the pedestal durable and easily maintained.

The Classic pedestal range is available in a variety of sizes and offers LED lighting as well as limitless electrical and water outlet connotations.

The Classic pedestal range can also accommodate a variety of additional service options, such as TV, telephone and data outlets, hose-pipes and hooks, locking/security facilities, metering as well as Rolec's industry leading utility management systems.



The Rolec Classic pedestal is the world's most popular marina service pedestal, having been in service for over 25 years, with over 100,000 sold worldwide.



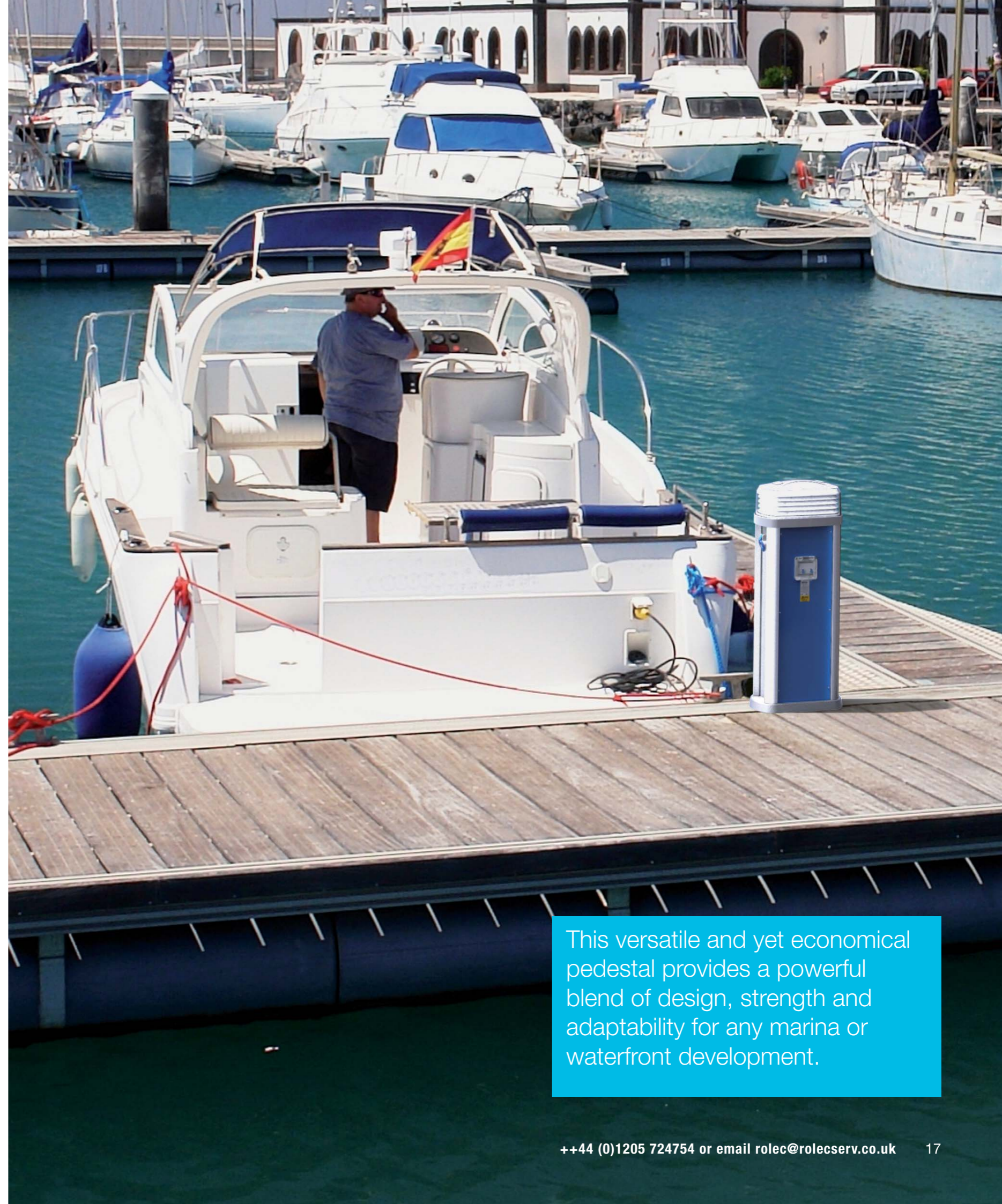
# QUANTUM PEDESTALS

**The Quantum pedestal has proved massively popular since its launch in early 2016, with in excess of 2000 pedestals sold in just the first few months.**

The Quantum design embodies the qualities of our world leading, 25 years in service, Classic pedestal complemented by the strength and aesthetics of marine grade anodised aluminium. It fuses the highest quality materials from across our range with the affordability of an entry level unit.

This versatile and yet economical pedestal provides a powerful blend of design, strength and adaptability for any marina or waterfront development.

The Quantum pedestal range is available in a variety of heights and can come with coloured front, back and side panels. It offers LED illumination and fairly limitless service outlet and management solution connotations.



This versatile and yet economical pedestal provides a powerful blend of design, strength and adaptability for any marina or waterfront development.



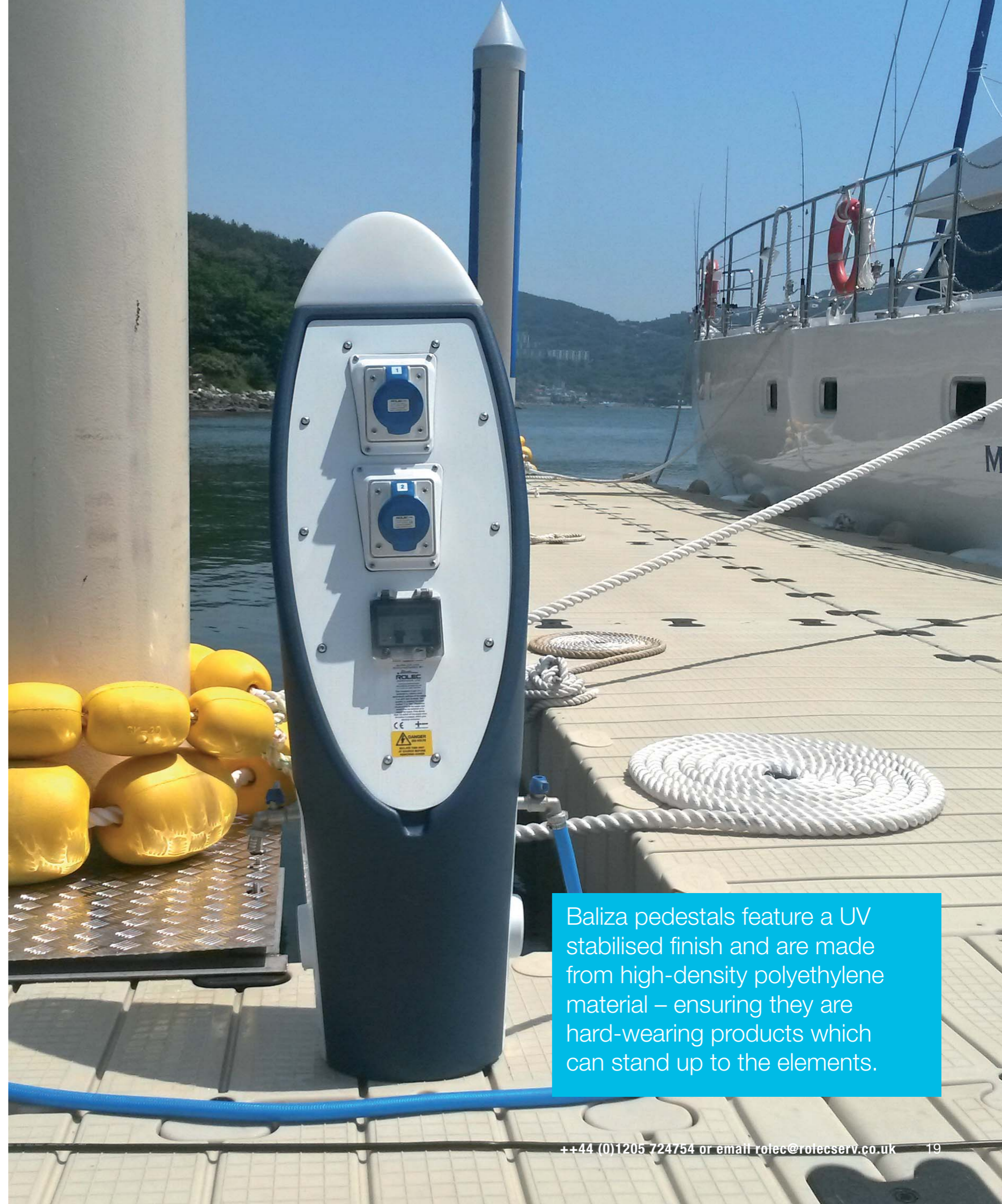
# BALIZA PEDESTALS

Our Baliza pedestals feature a UV stabilised finish and are made from high-density polyethylene material – ensuring they are hard-wearing products which can stand up to the elements.

These pedestals offer four separate compartments, each with a service and cable/pipe entry point. All can be worked on or maintained safely and independently.

Should a water leak occur, the water will simply run out of the bottom of the water pods and never come into contact with any electrical components.

The popular Baliza range meet the high standards required to earn IPX6 certification and can be seen featured on marinas globally, including in South Korea, Bahrain, Kazakhstan, Turkmenistan, Venezuela, and many more throughout the UK and Europe.



Baliza pedestals feature a UV stabilised finish and are made from high-density polyethylene material – ensuring they are hard-wearing products which can stand up to the elements.



# SEAWAVE PEDESTALS

**Seawave Service Pedestals** – Seawave has been one of our most popular marina product for a number of years, which is no surprise when you consider the amount of time and care we have put into its unique stylish design. It has been designed with marinas in mind and comes in five different sizes to cater for yachts measuring up to 80 metres. The pedestal's elegant flair and glamour enable it to effortlessly sit alongside the most sophisticated yachts in the world.

Seawave encompasses hard-wearing construction - providing high levels of impact, UV and salt water resistance - and will not corrode. The unit is available to suit your specifications and comes complete with energy-saving, long-life LED lighting designed especially for the marina environment. Our Seawave model meets the high standards required to earn IPX6 certification and units are featured on marinas around the globe, including Dubai, Norway, the Netherlands, Turkey, Cyprus and many more throughout Europe and the UK.



Seawave has been one of our most popular marina product for a number of years, which is no surprise when you consider the amount of time and care we have put into its unique stylish design.



# SPINNAKER PEDESTALS

**Spinnaker Service Pedestals – A modern look is fused with hard-wearing GRP construction. The Spinnaker's high-quality outer surface is covered in a gel coat resin – the same used by modern boat makers – and comes in an almost unlimited range of colours.**

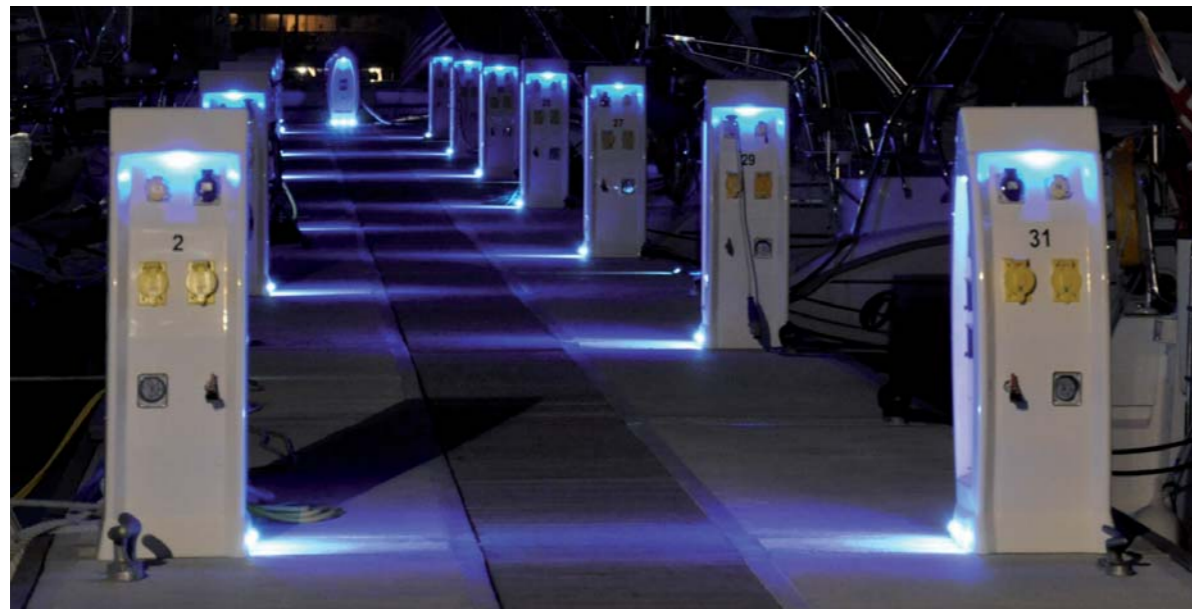
The pedestal can accommodate even the largest boat, keeping it supplied with a vast range of essential electrical and water services.

Add to these features a range of customisable options, including a selection of LED lighting colours, and ornamental service panel finishes, you can rest assured that your needs will be

well and truly catered for. Pump-out and SOS Spinnaker pedestals are also available.

Our Spinnaker pedestals can be found on many of the world's most glamorous marinas, including marinas in Spain, the Caribbean, Dubai, China, Thailand and many more throughout Europe and the UK.

The Spinnaker also meets the high standards of IPX6 certification - ensuring you receive the highest grade of water and dust infestation protection possible.



Our elegant eye catching Spinnaker range - these pedestals have been specially designed to ensure they complement any marina.



# SUPERYACHT SERVICES

**Superyacht Services** – With the demand of superyacht services ever increasing, and now with a significant amount of marinas catering almost entirely for this style of clientel, our extensive range of superyacht marina service products is proving ideal and is in constant demand.

Our world leading superyacht service equipment spans our Classic, Spinnaker and Seawave pedestal ranges as well as our popular Megamaster unit range.

In 2014, our range reached new heights with the successful supply of 1000amp and 2000amp Megamaster units to marinas in the Middle East.

Our Superyacht services include three phase sockets of 125amp, 250amp and 400amp; direct connections of 600amp, 1000amp and 2000amp; water taps of ½”, ¾” and 1”, and direct water outlets of 2”.

LED lighting, control and metering solutions, TV, data, sanitation and branding can also be added.



Our world leading Superyacht service equipment spans our Quantum, Classic, Spinnaker and Seawave pedestal ranges, as well as our popular Megamaster unit range.



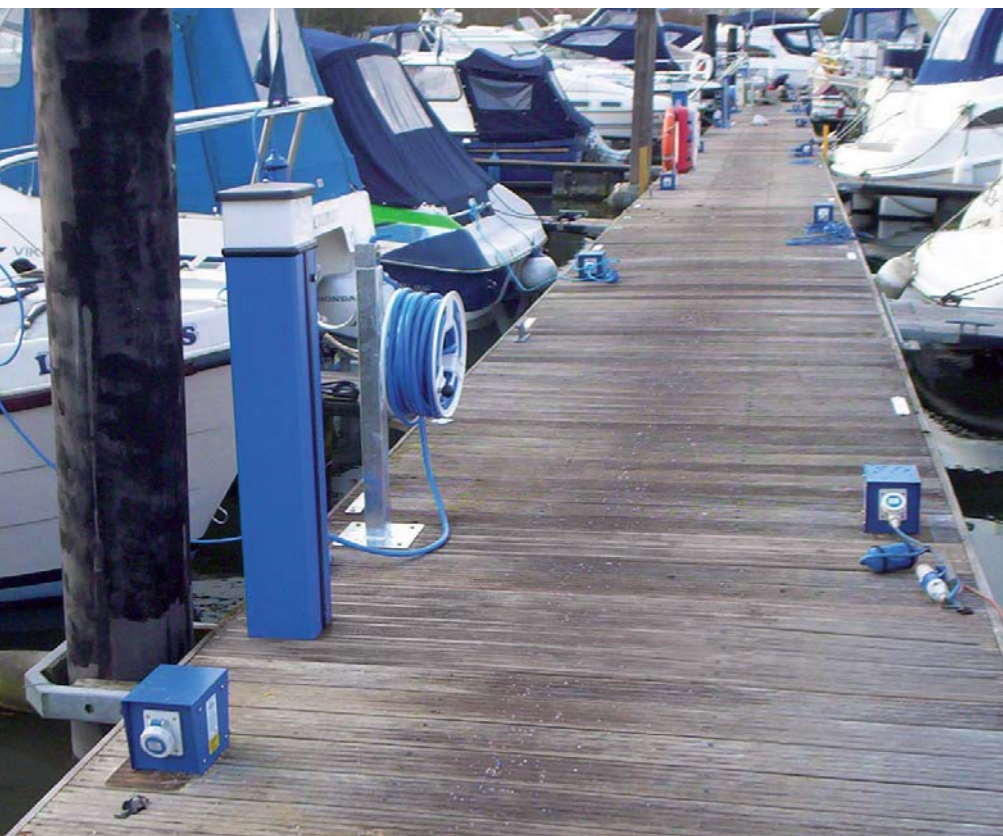
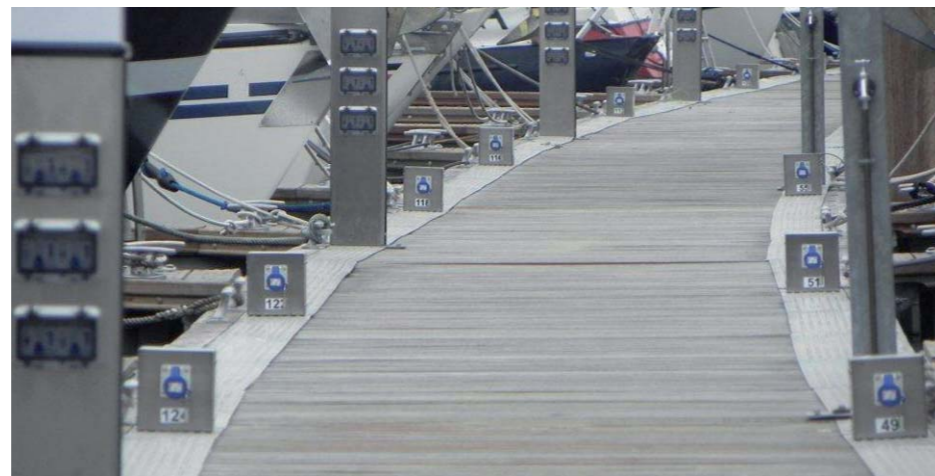
# ROLINE

**Roline deck level electricity – The Roline range has been developed to provide electricity in a compact, robust low-level unit.**

Manufactured in powder coated aluminium to a colour of your choice, the Roline units offer a simple but effective marina electrical socket and illumination solution.

Miniature MID approved kWh metering can also be added to the Roline units.

Remote deck level socket-only units also complement the Roline range.



# DECKCLEAR

**DeckClear - The safe and tidy pontoon solution**

The DeckClear range has been designed to allow electrical and water outlets to be concealed below marina decking, in either single or dual unit versions. Made from 304 stainless steel powder coated and lacquered - this sturdy corrosive resistant, discreet

and lockable unit is ideal for clients wanting their pontoons clear of obstacles but still offering a certain degree of services to users.

The DeckClear options include electrical sockets up to 32amps, water outlets up to 3/4", as well as berth/service identification.





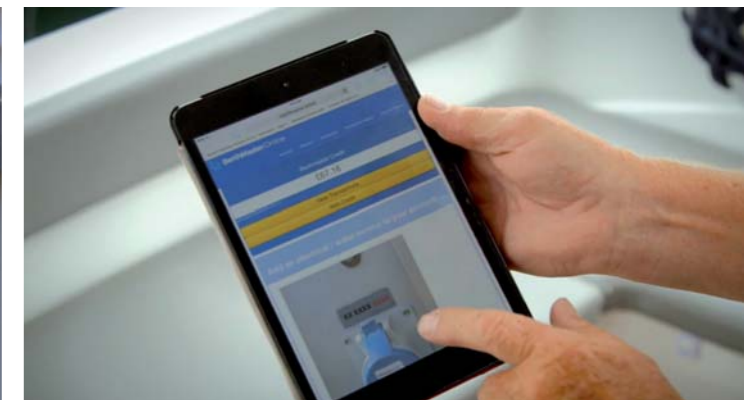
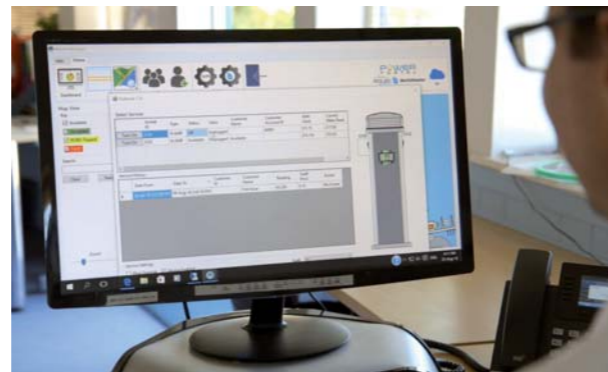
# BERTHMASTER ONLINE

**BerthMaster Online is the next evolutionary development in marina electricity and water service management systems which builds upon all of the features and benefits of the industry's best seller, BerthMaster, to offer even more.**

BerthMaster Online is an innovative, cloud-based web enabled system offering the marina operator full 360° degree managerial control of their entire marina's electricity and water supplies from the office computer, greatly saving time and administrative costs.

BerthMaster Online has also been developed to allow berth holders to independently use and self-assign themselves any service pedestal within the marina via the user-friendly BerthMaster Online application, accessible on any web enabled device (i.e Smartphone, tablet, iPad, etc.). Berth holders can set up an account and pre-pay for the use of their services, and are able to view their transaction statements online. This eliminates the need for individual customer invoicing and, instead, you will receive all payments directly to your merchant account in monthly arrears.

This system can be easily retro-fitted for existing BerthMaster customers as well as integrated into other third party MMS systems. It is also compatible with the full Rolec Marina Services product range.



**BERTHMASTER ONLINE**  
The World's leading computer controlled marina electric and water management system,



# SMARTMASTER SOLO

Simple smartcard control of electric and water supplies

## SMARTMASTER Solo

is a simple to use, easy to install smartcard controlled service pedestal solution ideal for any marina, boatyard or waterfront location that does not have the wanting or capacity to install data cable or a networked management system, it only requires the normal electric and water supplies.

## The system;

- Uses contactless, re-usable RFID Smartcards
  - Card reader and user display at every berth
  - Pedestal display shows service outlet and card credit values
  - Measures exact electricity and water values consumed
  - Operation and maintenance manual with every order
- Two way communication allows transfer of credit from Smartcard to pedestal and refund of unused credit from pedestal to Smartcard
  - 16amp to 250amp electrical supplies
  - Single phase and three phase supplies
  - ½" to 1" water supplies

# SMARTCARD METERS

Low cost electricity management



The Rolec smartcard meter is the most cost effective and reliable way of managing marina berth electric supplies.

## SMARTCARD METERING - The system

- Class 1 accurate smartcard meter complete with digital consumption display
- MID approved
- Re-usable waterproof smartcards
- Easy to operate software
- USB reader/writer card bed
- Secure tariff management

The smartcard meter has a built-in electrical contactor that automatically switches on/off the electric supply as credit is available or expires, and the meter will refund any unused credit back to the card. It can control 16amp, 32amp or 63amp single phase supplies.

Smartcard meters are an ideal solution for any marina, boatyard or waterfront location that does not have the wanting or capacity to install data cable or a networked management system, it only requires a normal electric supply.





# MARINA ILLUMINATION

**Marina Illumination** – Whilst conventional lighting presently remains an option available along with LED for our Classic pedestal range, energy efficient LEDs are provided across our Quantum, Baliza, Spinnaker, Seawave, Megamaster and Roline ranges as standard when lighting is requested.

Seawave Maxi pedestals also offer the option of marina-branded LED door panels.

## LED Combi Deck Lighting

Our unique 316 grade polished stainless steel LED Combi deck lights are hugely popular, and effectively used as subtle access bridge and pontoon walkway lighting as well as simply for aesthetic purposes, as their sleek appearance lends itself perfectly to this.

The Combi deck light has LED light output in two directions; which can be supplied with either a dual white, or a white and blue colour combination.





# EMERGENCY SERVICES

**Emergency Service Equipment** – One of the most important roles of any marina operator is to ensure customer safety. Rolec offers a comprehensive and popular range of emergency service equipment to suit every budget and location. From simple low level cabinets housing just an extinguisher, first aid kit and life-buoy, to sophisticated units offering all of these with the addition of a fire hydrant, alarm system, warning beacons, etc.

Our Quantum, Classic, Spinnaker, Seawave and Baliza pedestal ranges all offer an emergency service pedestal option - allowing your chosen pedestal profile to remain consistent across any project. Our Classic and Baliza pedestals each offer options including fire extinguisher, life buoy, first aid kit, and illumination, while our Seawave and Spinnaker pedestals also offer these services as well as options for fire blankets, alarms, xenon beacons, axes, etc.

Fire hydrants can be offered in the form of Polycarbonate, stainless steel or GRP units and can be tailored to suit an array of emergency service requirements.

Our basic life buoy stands are ideal for remote waterside locations where only the bare minimum of services can be offered due to lack of security - but where safety still needs to be a consideration.

After our emergency service pedestal ranges, our most popular emergency service product is the Rolec fire caddy. This is a mobile firefighting unit which uses sea water mixed with a biodegradable foam to extinguish boat fires. Without the requirement for an expensive water pipework system, the fire caddy is a cost-effective solution for any marina's firefighting needs.





# SANITATION PUMP-OUT

**Sanitation Pump-out** – We offer a comprehensive range of free-to-use and pay-to-use sanitation and bilge pump-out systems, from a simple communal pump-out pedestal to multiple in-berth pump-out systems.

We offer an array of high quality, low maintenance pumps which are specified to suit each marina's individual pump-out requirements and circumstances - with pumping distance abilities that range from 5 metres to 500 metres.

Pump-out solutions can be provided via our Classic, Sewave and Spinnaker pedestal ranges and Megamaster units.



Low-cost self-contained pump-out station

# DISTRIBUTION SYSTEMS

**Distribution Systems** – One of the most important elements of a marina, and usually the most expensive, is its electrical distribution system. Rolec's many years of experience in designing efficient marina electrical distribution systems is second to none.

Our design engineers take into consideration factors such as boat traffic and types, local markets and trends, local regulations, climate and conditions. All of these factors contribute to creating an efficient and robust electrical system.

Our electrical shore isolation panels and distribution panels are manufactured on a project-to-project basis to a client's exact requirements, and are available in GRP, aluminium and stainless steel.

Full water and sanitation designs also accompany our free electrical designs provided by our dedicated team of design engineers – a team which possesses over 300 years of collective experience.





# EV CHARGING

Latest Department for Transport figures show that the number of ULEVs (Ultra Low Emission Vehicles) registered in the UK in the last quarter (April to June 2016) increased by 49% on the same period last year - and 253% on 2 years before.

Marinas are among those who will benefit from installing EV charging points in their car parks. EV drivers are more likely to visit and use sites where they can re-charge easily and cost effectively.

Rolec has specialised in the design and manufacture of EV charging points for 8 years and has ideal EV charging solutions for marinas and boatyards - whatever your budget or customer requirements.

We manufacture Europe's largest range, and have manufactured over 45,000 charging points to date.

Rolec provides EV charging solutions for clients such as DHL, Barratt Homes, Tesco, NHS, Kia, Nissan, etc...



All of our EV charging solutions are low-cost, and range from simple free-to-use points, pay-to-charge token/key-switch controlled points to Smartphone PAYG controlled points. All versions come with wall

mount or floor mount options. They can be branded to suit your company / location identity. PAYG charge points can pay for themselves in as little as 12 months!

Contact us to learn more, and request a copy of our full EV Charging point range catalogue.



EV Charging Points that can pay for themselves in less than 12 months!





