



## LANKHORST EURONETE PORTUGAL

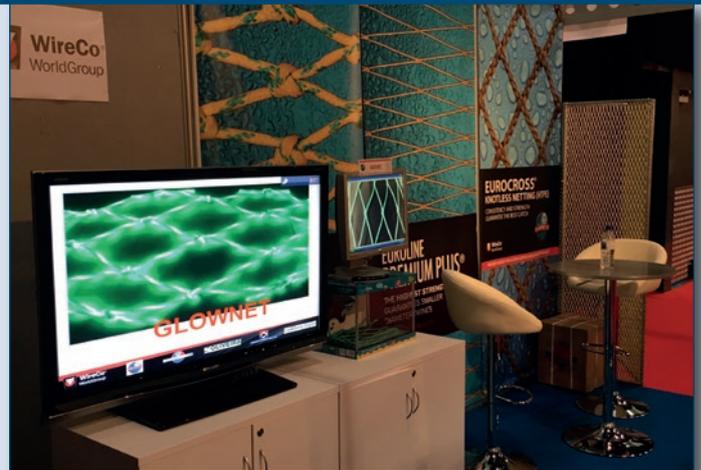
### New innovative products at Expo 2017

In co-operation with Lankhorst Euronete Portugal and Ymuiden Stores Holland, Euronete UK brought several new innovative products to the fishing industry at the annual exhibition in Aberdeen this year.

**Lanko®Warp** – Whilst the trend of replacing steel wire rope with fiber ropes continues to grow in the fishing industry, more so in newly built fishing vessels the need for a fiber warp from our company has become evident. There was interest in Lanko®warp at the exhibition from several companies that at present supply to the Scottish fishing vessels. Attempts are now being made to find a suitable vessel that needs to replace the existing warps and do trials with Lanko®warp trawl warps.

**Euroglow** – This idea of glow in the dark material created much interest from several sectors of the fishing industry including the crab and lobster pots sector, prawn trawls manufacturers, and scientists who are interested in escape panels in trawls. People we spoke to were interested and intrigued by the idea, seeing potential in this product for several possible applications.

**Eurosteel Plus** – The idea of pre stretched ropes being used on trawls or fish cages has not been widely considered in the UK as yet. There is an interest from



From left to right: Jos Lemmens (Ymuiden Stores Holland), Steve Emmerson (Euronete UK) and Salvador Castro (Lankhorst Euronete Portugal)

trawl makers to consider this rope in trawl production rather than non pre stretched ropes. Some sample coils are to be produced for trials.

**Eurocross** – Eurocross attracted interest from some trawl makers in the Irish and UK industry for use as escape panels in trawls, this action being successful in most cases. Also new cooperation between the government research body and a forward thinking trawler skipper, a Eurocross 4 panel codend will be trailed this August in Scotland; the aim is to reduce or eliminate unwanted, immature

fish. The expectations for the trials and future requirements of these codends are optimistic. The netting was of interest to many people who attended the exhibition.

Our presence at the exhibition can be considered a success in addition to being a fantastic opportunity to raise our company profile in the fishing industry and offering the opportunity to broadcast our progress in R & D.



## LANKHORST ROPES



### Lankhorst Ropes' Lanko®Deep for MacGregor FibreTrac Crane

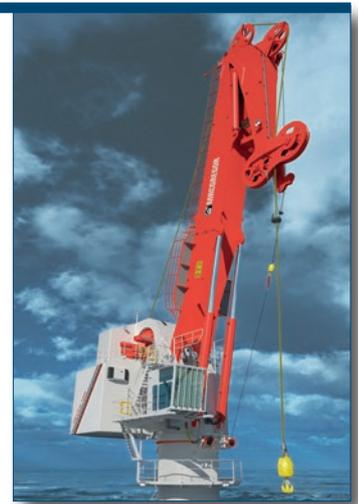
Lanko®Deep fibre rope from leading rope maker, Lankhorst Ropes, has been selected for the MacGregor FibreTrac Crane, one of the most advanced fibre-rope cranes on the market. Based on Dyneema® DM20 XBO synthetic filament, Lanko®Deep is optimized for cyclic bending, with a proprietary rope coating technology and DNV 303 certification, for deepwater deployments.

The MacGregor FibreTrac Crane will have a 150t safe working load capacity. It has been designed and will be built to comply with the latest DNV GL lifting appliance, fibre and rope manufacturing rules. MacGregor intends to provide the first system fully certified in compliance with DNVGL-ST-E407 (deployment and recovery system).

Lankhorst's Lanko®Deep fibre rope will be used on a Parkburn Deep Water Capstan with storage winch capable of accommodating 4,000m of 88mm rope. The rope comprises 12 stranded braids where each strand is a three-strand rope. This construction, combined with the DM20's XBO coating, helps reduce the tension required to bed-in the rope, as well

as reducing internal heating and abrasion. In addition, the Lanko®Deep can be inspected and is also repairable. The rope will be connected directly to the crane hook using a socketed termination from Applied Fiber. "Lanko®Deep has been designed from the outset for deepwater lowering and recovery projects," says Sergio Leite, sales director, Lankhorst Ropes Offshore. "Lanko®Deep offers significant operational and environmental benefits compared with steel wire ropes. Operationally the ropes are easier to handle, and allow engineers to lift and deploy the maximum load without the need to factor in the self-weight of steel wire."

The FibreTrac crane will also feature an advanced rope monitoring and management system that maximises rope lifespan and provides clear lift line status information for the operator at all times. It will be



controlled using MacGregor's latest control system with the added advantage of providing real-time data feedback to onshore locations using the MacGregor 'OnWatch' feature.

The MacGregor fibre rope solution can also be retrofitted on existing cranes as well as stand-alone winch systems, and is available with both hydraulic and electric drive options.

### Lankhorst Tipto® Mooring Rope for Cold Climates

Mooring at sub-zero temperatures involves many challenges, not least of which is safe rope handling. Leading maritime rope manufacturer, Lankhorst Ropes, announces the Tipto® range of fibre mooring ropes. The water repellent rope construction, prevents water from being absorbed into the rope's interior where it could freeze into crystals under sub-zero conditions and damage the rope from within.



Tipto® mooring ropes include: Tipto®Winchline, Tipto®Eight, and Tipto®Twelve. The ropes are made from high-performance Tipto® yarns, with a specific gravity of 0.94. This ensures that Tipto® ropes will float indefinitely, minimizing the risk of the rope becoming entangled in the vessel's propeller. Moreover, Tipto® mooring ropes are characterised by their strength and ease of handling in arctic conditions.

#### Award Winning Rope Construction

Designed specifically for mooring winches, Tipto®Winchline combines high strength with relatively low weight, making it easier to handle by crew

and shore personnel. The seven strand rope construction provides a high degree of energy absorption to withstand the dynamic loads generated by movement of the vessel.

A non-load bearing, braided outer cover made from Tipto® yarns protects the rope's strength members from external abrasion damage and the effects of UV exposure. In the unusual event the rope breaks due to excessive load or damage to the rope, this braided cover can capture the uncontrolled rope ends, reducing the impact of snap back to crew to a minimum. This in-built safety feature was recognized by a Seatrade 'Innovation in Ship Operations' award.

### Focus on Maritime

With continued maritime market growth, Lankhorst Ropes has realigned its Commercial team and strengthened the Sales team in Australia to ensure operators take the opportunity to benefit from our excellent products and unrivalled technical know-how.

Wilco Stroet is the new Senior Vice President of Global Maritime. Wilco worked for LankhorstWireCo 20 years,

leaving briefly in 2014 to pursue other interests. He will run the Global Maritime business and be directly responsible for all

activities of high tenacity fibre rope maker, Phillystran. Based at Sneek, The Netherlands, his main responsibility will be to lead and reposition Global Maritime activities globally.

Steven Wardenier, an experienced commercial leader, is appointed Vice President

Australia Sales where he will have primary responsibility for growing sales, as well as becoming the new Managing Director of Lankhorst Euronete Australia. This is an important strategic move designed to increase our market penetration in the Oceania markets.

## LANKHORST EURONETE BRASIL

### WireCo WorldGroup establishes Distribution Center in Brazil

WireCo WorldGroup has established a new Distribution Center in Queimados, Rio de Janeiro, Brazil, as part of the company's strategy to bring its industry-leading wire rope products to the Brazilian mining, ports, industrial cranes, construction, and fishing markets.



WireCo WorldGroup is the world's leader in manufacturing, engineering, and distributing wire rope, synthetic rope, specialized assemblies, wire products and electromechanical cable. The Distribution Center will feature three hydraulic press

machines with 150t, 600t and 1500t capacity. In addition to providing unrivalled technical expertise, it will stock wire rope ranging from 3/8" up to 3" diameter together with sling production capabilities for just-in-time delivery and customised products.

*"The Distribution Center significantly strengthens the Brazilian wire rope industry through our technical expertise and global reach to meet diverse customer needs," says Rui Faria, Senior Vice President South America, WireCo WorldGroup. "Furthermore, we're broadening the scope and range of wire rope options and value-added solutions designed to enhance the operational efficiency of a wide range of Brazilian industries."*

The WireCo WorldGroup Distribution Center is located next to Lankhorst Euronete Brasil, part of the WireCo WorldGroup, and an established supplier of synthetic fibre ropes to the Brazilian offshore industry.



## LANKHORST YARNS

### Leader in technical yarns

Markets for sewing yarns, Geotextiles and fencing show more activities as we experienced during the latest edition of the world's biggest technical textile exhibition 'TechTextil', held in Frankfurt, Germany last month.

At the exhibition we met existing and potential customers, and suppliers. The booth was shared with our partner DIT, distributor for Lankhorst of Pure® tape – a self reinforced composite material.

DIT's and Lankhorst's concept for this year's exhibition was

*"Over 300 years of experience in Dutch textiles". A successful concept that will be continued.*

Markets will always change. And if they do, so will customers and so will we. Our focus has always been and will always be our customers' needs and satisfaction.



## LANKHORST ENGINEERED PRODUCTS

### Collecting 'plastic soup' in Rotterdam

At the beginning of 2017 three floating plastic recovery platforms were officially taken into service in the harbour of Rotterdam in order to prevent plastic waste flowing from the river Nieuwe Maas into the North Sea. Ramon Knoester, architect and initiator of the 'Recycled Park' project, estimates that these three platforms will collect between 10 and 20 tons of floating plastic waste every year.



This is the start of a bigger plan to put as many platforms in the Nieuwe Maas as necessary to allow the river to flow plastic-free to the sea, thus preventing the "plastic soup" from increasing. The ultimate goal is to recycle the collected plastic waste and to use it to build a floating city park in the river Maas.

Ramon Knoester approached Lankhorst for supplying boards made from recycled plastic to be applied to the recovery platforms and the floating plant bins. Lankhorst's subsidiary Ekon supplied plastic sheets for the floats and plant bins constructed and built by BV Europe 90 (business unit of L. Verbakel BV).



Recovery platform



Floating plant bins

## EXHIBITIONS 2017

### LANKHORST ROPES

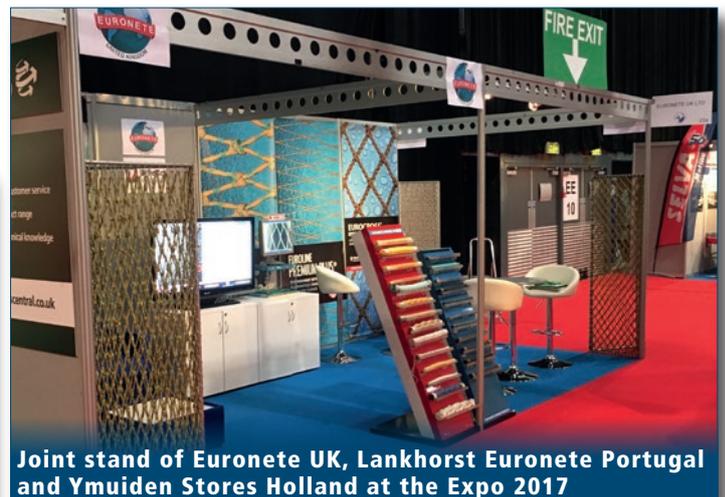
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| 5 – 6 September   | Dönso Shipping Meet 2017, Gothenburg (Sweden)                     |
| 25 – 27 September | Seatrade Offshore Marine & Workboats Middle East, Abu Dhabi (UAE) |
| 10 – 11 October   | Offshore Energy Amsterdam (NL)                                    |
| 24 – 26 October   | OTC Brazil, Rio de Janeiro (BR)                                   |
| 3 – 6 November    | ADIPEC, Abu Dhabi (UAE)   |

### LANKHORST ENGINEERED PRODUCTS

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|-------------------|---|
| 11 – 13 July      | OGA, Kuala Lumpur (Malaysia)                      |
| 27 – 28 September | Dag van de openbare ruimte, Utrecht (NL)          |
| 27 – 28 September | Kunststoffenbeurs 2017, Veldhoven (NL)            |
| 10 – 11 October   | Offshore Energy, Amsterdam (NL)                   |
| 24 – 26 October   | OTC Brazil, Rio de Janeiro (Brazil)               |
| 24 – 27 October   | Corte & Conformacao de Metais, Sao Paulo (Brazil) |
| 6 – 9 November    | Metalform/Fabtech, Chicago (USA)                  |
| 7 – 10 November   | BlechExpo, Stuttgart (Germany)                    |
| 9 November        | Water in de Openbare Ruimte, Houten (NL)          |
| 13 – 16 November  | ADIPEC, Abu Dhabi (UAE)                           |
| 21 – 23 November  | AusRail, Brisbane (Australia)                     |

### LANKHORST EURONETE PORTUGAL

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|-----------------|--|
| 13 September    | Icelandic Fishing Exhibition (Iceland) |
| 7 – 9 October   | Danfish 2017 (Denmark)                 |
| 14 – 16 October | Itechmer Lorient (France)              |



Joint stand of Euronete UK, Lankhorst Euronete Portugal and Ymuiden Stores Holland at the Expo 2017

## FROM THE EDITORS

The next edition of Lankhorst Euronete News will be published in November 2017.

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