



Maritime Ropes Briefing 3/2010

In this newsletter we introduce Lankoforce[®], the new name for our range of Euroneema ropes. Using Dyneema[®] yarns, we are able to manufacture and supply Lankoforce[®] ropes that offer the best strength-to-weight ratio available in the market today, making Lankoforce[®] ropes some of the strongest in the world.

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Goodbye Euroneema[®] ... Hello Lankoforce[®]

'Strong and Light' the Lankoforce[®] ropes gives you strength when you need it, yet is light and easy to handle.

Introducing the Lanko-family

Lankhorst Ropes has renamed the Euroneema[®] range of ropes to Lankoforce[®]. The former Euroneema[®] ropes are exactly the same as the Lankoforce[®] ropes. So what does this mean to you?

Well, on the one hand, the change is in name only, where previously you ordered Euroneema[®] you'll now order Lankoforce[®]. While on the other hand, it is the latest step in bringing Lankhorst Ropes within a single unified family of ropes under the motto 'Strong and Light'. Lankoforce[®] joins Lankotech[®], another lightweight, high strength rope for winch and lifting lines, and you'll notice further Lanko-family name changes over the coming months.

continued overleaf

Lankoforce[®]



Lankoforce[®] with PolyesterCover



Lankotech[®]





Goodbye Euroneema®... Hello Lankoforce® continued

Lankoforce® - Strength when you need it

For those of you who have yet to experience the benefits of using Lankoforce®, we thought this would be a good opportunity to highlight some of the benefits of using this lightweight, high strength rope.



Lankoforce® is a 12 strand braided rope, made of Dyneema® yarns. The rope is an excellent alternative to heavy and lumbbersome steelwire ropes in situations requiring manual handling of the rope.



The strength of Lankoforce® is comparable to that of conventional steel wire rope, yet the corresponding weight is 7 times lower!

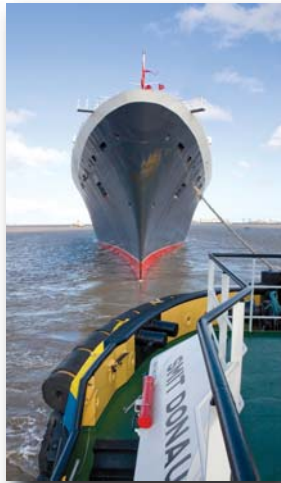


Image courtesy SMIT Nederland BV.

Lankoforce® rope's:

- better handling characteristics are especially suitable for towing and mooring applications
- ability to float is an important handling advantage over steel wire ropes.

When replacing fibre rope, the reduced diameter of Lankoforce® allows substantial savings in the weight and size of the mooring winches. When incorporated in the design of a new build vessel can lead to substantial cost savings.

Lankoforce® ropes range from 6mm (3/4 inch) with 35 kN (7.868 lbs) MBF weighing 2.2kg per 100m (1lb per 100ft) through to 144mm (18 inches) with 12,400 kN (2,787.631 lbs) MBF weighing 1,150kg per 100m (773lbs per 100ft).

Lankoforce® with Polyester Cover

Lankoforce® with polyester jacket is designed for applications where heat build-up and heavy abrasion is expected. The durable polyester jacket has excellent abrasion / heat resistance. In addition the polyester yarns have a higher friction coefficient than the Dyneema® yarns. As a result Lankoforce® with polyester requires only three to five turns on a drum or bollard, whereas the un-jacketed, Lankoforce® needs a minimum of ten turns.

Lankhorst Ropes

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Bilbao, Brisbane, Durban, Fujairah, Houston, New York, Panama, Rotterdam and Singapore.

Floating Tipto® Braided Cover Available

Lankoforce® with polyester jacket is non-floating, however if floating is required we can offer the Lankoforce® with a Tipto® cover braided jacket. This offers similar properties to a polyester cover but the rope remains floating.

Lankoforce® polyester covered ropes range from 20mm (2.5 inch) with 267 kN (60.024 lbs) MBF weighing 26.1kg per 100m (18lbs per 100ft), through to 72mm (9 inches) with 3.938 kN (885.298 lbs) MBF weighing 319kg per 100m (214lbs per 100ft). Typical applications include mooring, towing, salvage and lifting.

Lankotech® Takes the Heat

The Lankotech Technora aramid ropes have been engineered for applications where lightweight, high strength and good abrasion resistance are important; and heat resistance vital. The melting point of the rope's load bearing core is over 500°C. This is an excellent rope for fire wires or mooring wires on a vessel with inflammable cargo, or vessels that come close to locations with fire risk such as terminals, bunker vessels and offshore islands.

Typical applications where Lankotech® should be considered are winch lines, lifting lines, mooring lines and towed arrays. Terminations include hand splices and spike terminations.

Manufactured in a 12 strand braided construction with an overall jacket of polyester, Lankotech® ropes range from 12mm (0.5 inch) with 50 kN (11.240 lbs) MBF, weighing 9kg per 100m (6lbs per 100ft) through to 48mm (1.89 inches) with 1.864 kN (419.044 lbs) MBF weighing 182kg per 100m (122lbs per 100 ft).

New Lankhorst Ropes Catalogue

The 2010 Lankhorst Ropes catalogue is now available containing details of all our fibre ropes and steel wire ropes.

The catalogue can be downloaded from the Lankhorst Ropes web site www.lankhorstropes.com or contact your local representative for a copy.



Exhibition Diary

7 - 10 September, Shipbuilding, Machine @ Marine Technology (SMM) Hamburg. Hall B7, booth # 351.

30 Nov - 2 Dec, Deep Offshore Technology (DOT) Amsterdam, booth # 525.