

 **EXPERT** Crane Components



OFFSHORE

OIL-GAS-SEA-WIND



Range of high performance
lifting material for Offshore

 **VERLINDE**[®]

LIFTING EQUIPMENT

www.verlinde.com

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Verlinde, leader in lifting equipment in Europe and worldwide

Each product bearing the VERLINDE brand is the outcome of production facilities that are constantly improved and adapted to cutting-edge design techniques.

The materials and components used for the manufacture of our products are subjected to the most stringent checks.

At its various production plants, VERLINDE mass produces wire rope, chain, belt electric winches, together with travelling crane components.

Sales agents well-acquainted with hoisting techniques analyse the problems set



by each installation project (10 agencies in France and other agencies and commercial operations in over 92 countries throughout the world).

A rapid answer to your problems : our sales agents can respond immediately to any request for standard equipment, whilst for more specialised queries, our Engineering Service will respond very rapidly.

Rush, one-off deliveries : the planning schedule is a key instrument in our activity - our plants are organised to meet out-of-the-ordinary requests.

Top quality materials for extremis conditions

The VERLINDE's range of lifting equipment for Offshore application is specially designed for use on maritim area, petrol platform, wind turbine, boats.

By procuring all the components of your lifting rig (jib, hoist, winch, cable, etc.) from the same supplier, you can be sure of the rigorous quality and perfect match-up of the entire assembly.

Once the lifting rig is installed, you will discover that servicing is kept to a strict minimum. The combination of materials that are both extremely robust



and lightweight, along with the ease-of-use of our products, facilitates not only maintenance but also keeps down the number of operators required for doing the work.

The Offshore range from VERLINDE are made of non-corroding materials, and have an extra layer of protection (on certain models of the range) via a coat of ceramic treatment, polyester, epoxy, epoxy-polyester paint.

This choice of sturdy materials and the unique design of our lifting rigs makes them easy to use and reliable.



A wide choice of lifting solutions dedicated to your need

HAND CHAIN BLOCK

For vertical lifting without horizontal motion. Hand chain block compact design offers safety together with reduced weight. Ideal for construction and maintenance applications.

HAND CHAIN BLOCK WITH LOW HEADROOM BUILT IN TROLLEY

For vertical lifting and horizontal motion of the load. The low headroom conception of hoist and trolley combination extremely optimize the height of lift in reduced area.

ELECTRIC HOISTS

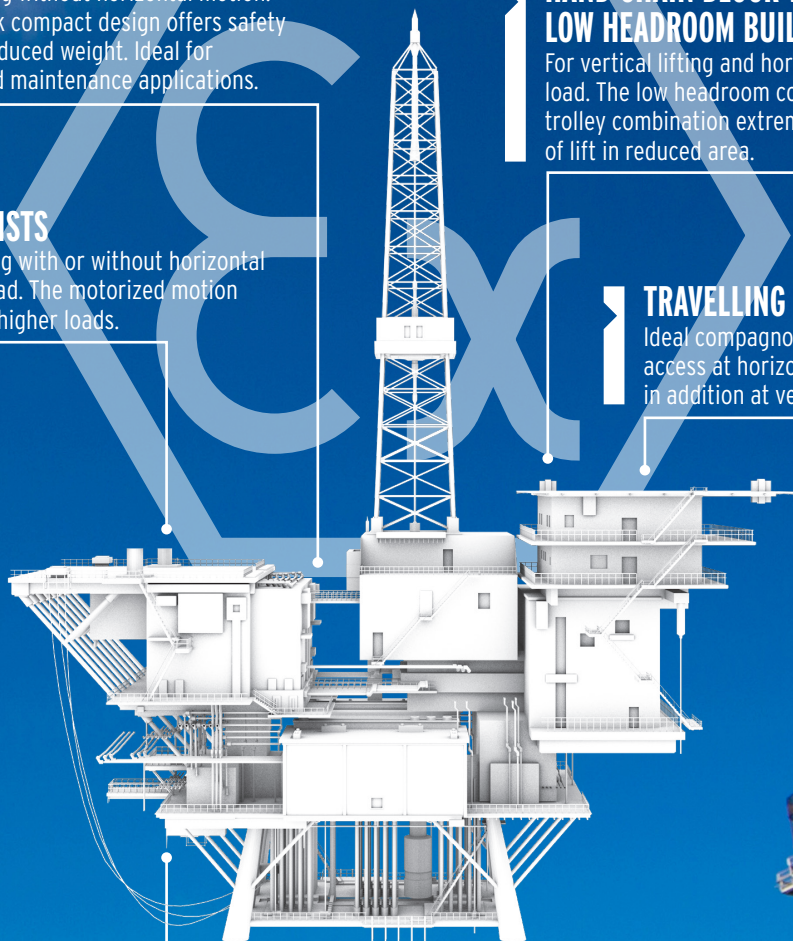
For vertical lifting with or without horizontal motion of the load. The motorized motion is dedicated for higher loads.

TRAVELLING TROLLEYS

Ideal compaign of electric hoist to access at horizontal motion of the load in addition at vertical movement.

JIB CRANES

Used in addition to lifting units (electric or manual hoist) to support horizontal or rotation motion of the load.



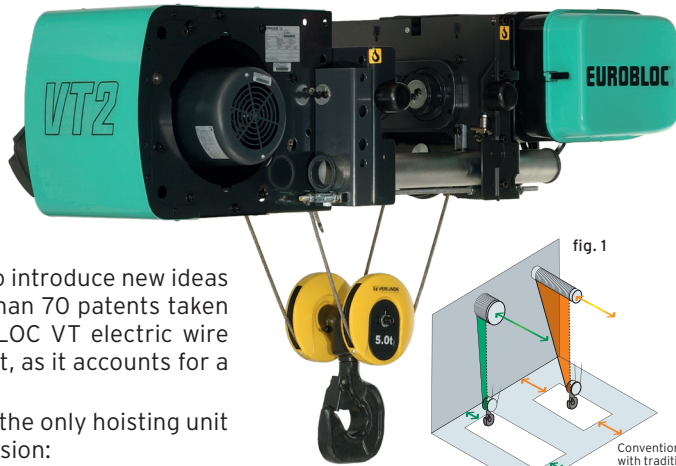
ELECTRIC HOIST

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Tag No : BB 0813
CE : 2008

VERLINDE

EUROBLOC VT[®]

Electric wire rope hoists for loads from 800 to 80,000 kg



VERLINDE has always been among the first companies to introduce new ideas for the innovation of hoisting units with a hook (more than 70 patents taken out in France and around the world). The new EUROBLOC VT electric wire rope hoist has been created within this avant-garde spirit, as it accounts for a total of 13 patents on its own.

The EUROBLOC VT electric wire rope hoist is, as of now, the only hoisting unit with wire rope and a hook that offers, in its standard version:

- > The pulley block presents only a slight lateral shift during hoisting motion (virtually vertical lifting) (fig. 1).
- > Hook approach, "C" dimensions and the "F" approach distance of the hoist are the smallest available on the market (fig. 2).
- > The possibility to adjust speed while travelling (fig. 3).

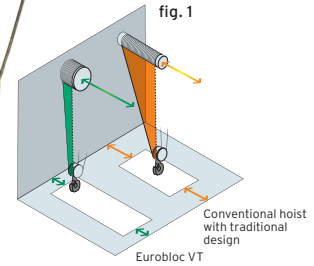
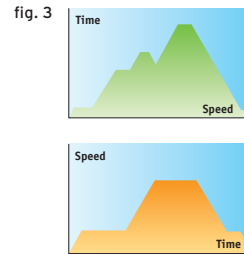


fig. 2



► Technical characteristics

- > 2-speed hoisting motor (ratio 1-6) with bimetal sensors 60 % operating factor.
- > Maintenance-free DC disc brake.
- > 4-position limit switch (up, down, high position deceleration, reversed phase protection).
- > Load limiter.
- > 3 to 20 m/min variable speed travelling motor.
- > Electrical cabinet with low voltage transformer and switchgear Safety on/off.
- > Standard 380V/400V/415V/50Hz, 440V/460V/60Hz power supply.
- > IP55 / Class F protection system for motors.
- > Tropicalised for travelling and lifting.
- > Cable guide for difficult environments.
- > Time counter.

► Options

- > Offshore paint coating.
- > Stainless steel lifting cable.
- > Special lifting hooks (ramshok, electrically insulated, RSN,...).
- > Rain cover.
- > Special electric cubicle (Stainless steel, IP66,...).
- > Heating systems (pendant,...).
- > IP66 motors.
- > Zone 22.

EUROBLOC VT[®] Ex

Electric sparkproof wire rope hoist for loads from 800 to 80 000 kg



► Technical characteristics

- > Protection rating : Ex II 3G c IIB T3 (Zone 2) as standard.
- > 2-speed hoisting motor with thermistors.
- > Hoist upper and lower limit switches operated by the rope guide.
- > Electro-mechanical overload protector.
- > Hoist electrics with main contactor and 48 V contactor control.
- > Motor protection IP66 according to EN 60 529.
- > Push button box with an emergency "stop" button.
- > Ergonomical hook with safety latch.
- > Galvanised wire rope.
- > Operation hours meter.

► Options

- > Same list as Eurobloc VT above.
- > Offshore paint coating.

