

 **EXPERT** Crane Components



OFFSHORE

OIL-GAS-SEA-WIND



Range of high performance
lifting material for Offshore

 **VERLINDE**[®]

LIFTING EQUIPMENT

www.verlinde.com

Ref : 01 2015 136 UGB

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 extremes 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.

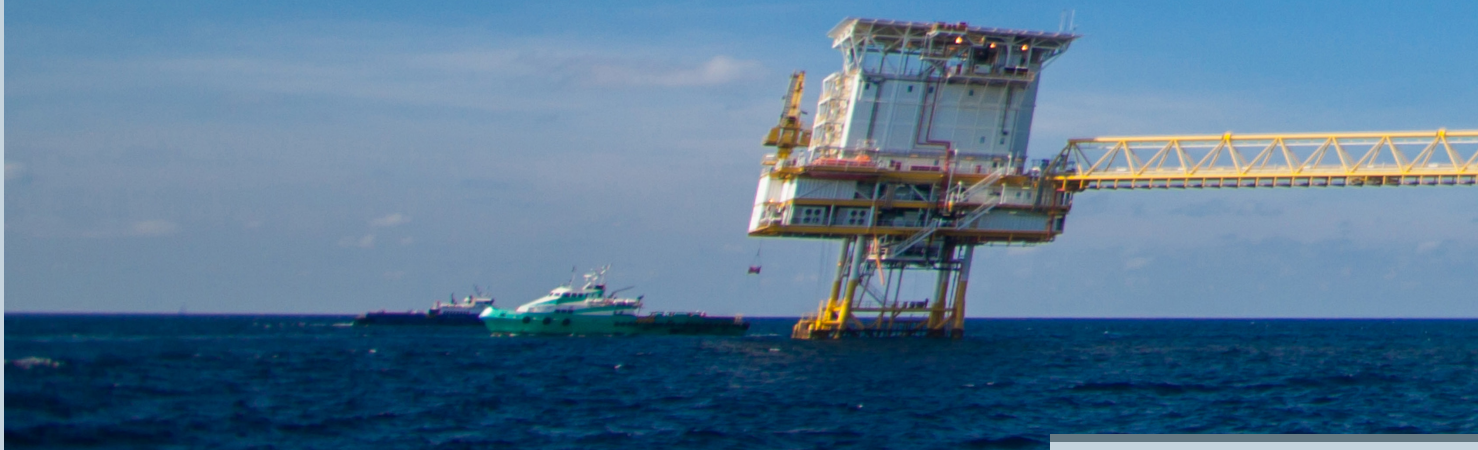
Once the lifting rig is installed, you will discover that servicing is kept to a strict minimum. The combination of materials that are both extremely robust



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

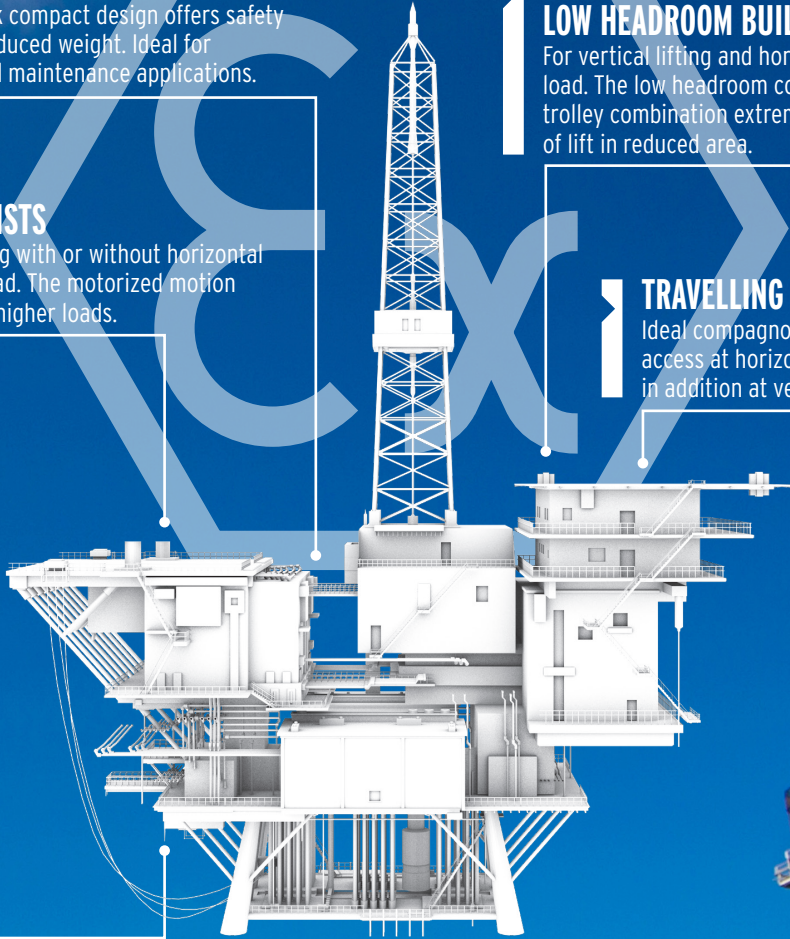
For vertical lifting with or without horizontal motion of the load. The motorized motion is dedicated for higher loads.

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

S.W.L
25/5
TONNES
Job No : V40921
Tag No : BB 0813
CE : 2008

VERLINDE



EUROCHAIN VR[®]

Electric chain hoist for loads from 63 to 5,000 kg

Completely innovative, top of the range design, its fluid, contemporary and elegant lines confirm the power of this electric chain hoist. This new generation of EUROCHAIN VR hoists is the result of innovative technology ; new materials, new operating concepts, can adapt to each specific need.



+ power

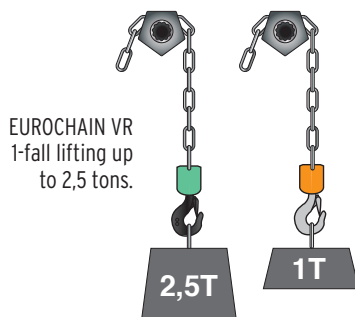
Lifting capacities.

The load spectra for each hoist body have been revised upwards to optimise your lifting equipment investment.

1-fall lifting up to 2.5 tons in FEM 2m.

This product advantage offers you the possibility of working at greater lifting heights, with the following benefits :

- > Reduction in chain bag dimensions, with a more compact lifting unit.
- > Reduction in maintenance costs (fewer lifting chains to be replaced if necessary during maintenance operations).
- > Elimination of lifting hook tip-over risks.
- > High lifting speeds preserved.



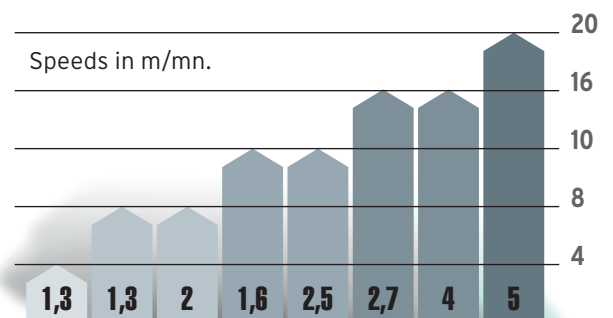
On other hoists brands the maximum capacity is often limited to 1 ton with 1 fall.

+ speed

Wide range of speeds.

25% quicker than the previous generation: 4/1,3; 8/1,3; 8/2; 10/1,6; 10/2,5; 16/2,7; 16/4; 20/5.

The lifting speed ranges have been considerably expanded to enable them to better meet your production constraints and increase productivity, performance, safety and usage on a daily basis.



FEM user group up to 3m.

For intensive use of your hoist, up to 300 start-ups per hour !

Long lifetime.

Lifetime of hoist components is extremely high in order to optimize your return on investment.



+ safety

Clutch concept.

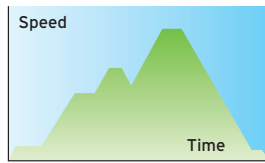
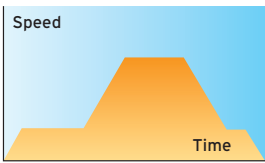
The clutch position in the reducer ensures the load is held by the brake regardless of the machine's daily operating conditions.

Low voltage or direct voltage command.

Enables perfect operation for your usage context (operation in industrial environment, stage lifting, etc.).

Variable speed electric travelling.

The variable speed travelling combined with the high lifting speeds enables flexible and quick working in complete safety for the operator.



+ savings

Maintenance operations are now simpler, quicker and more economical:

- > Easy access to the brake setting.
- > Easy access to the clutch setting.
- > Easy access to the fuse.
- > Access (workspace) and easy removal of the electric boards by removable plug.

Technical characteristics

- > New lifting nut concept with intermediate teeth for perfect chain drive.
- > Torque limiter.
- > Disk lifting brake.
- > 3 m standard lifting height.
- > Dual-speed lifting.
- > Safety electric end of run for up and down position.
- > IP55 lifting and travelling motor.
- > Thermal protection on lifting motor.
- > Tropic-proof protection (lifting and steering - 90 to 95 %).
- > Galvanised lifting chain.
- > Disconnectable command cable.
- > 2-buttons unit on fixed hoist or push steering carriage.
- > 4-buttons unit on hoist coupled to electric steering carriage.
- > Emergency stop button.
- > 400V/3Ph/50Hz or 415V/3Ph/50 Hz or 460V/3 Ph/60 Hz power supply.



Options

- > Offshore paint coating.
- > Stainless steel lifting chain.
- > Stainless steel lifting hook.

EUROCHAIN®

Electric sparkproof chain hoist from 125 to 10,000 kg

Technical characteristics

- > Hook suspended model or with push or electric trolley.
- > Protection rating as standard : Zone 1, EEx de IIB T4 in compliance with EN/DIN.
- > Standard height of lift 3 m.
- > 2 hoist speeds (standard XCC : 2 speeds).
- > 2 trolley motor speeds (standard XCC : 2 speeds).
- > IP55-speed hoisting motors with thermistors.
- > Galvanised load chain.
- > Stainless steel hand chain if chain travel trolley.
- > Pendant push button box + control cable 2.5 m.
- > 4 buttons pendant for hoist attached to electric trolley.

