

Construction

UNDERSTANDING MARKETS

Smart Engineering is about more than developing and optimising products. It's also about knowing where and how they will be implemented. It's only by understanding industry specific circumstances, needs and priorities that you can come up with the answers your customers actually require. This market oriented philosophy has always been the driving force behind everything we do at Ropeblock. As a result, we are very much at home in the market segments most relevant to our business.



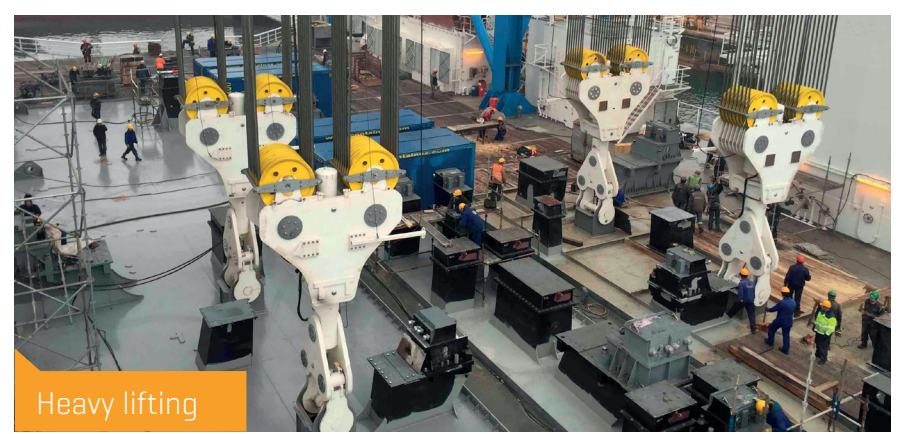
Cargo handling / maritime



Rigging



Infrastructure



Heavy lifting



Dredging



Industry



Offshore



CONSTRUCTION

Leading crane OEMs with a focus on the construction industry as well as end users in construction prefer Ropeblock for proven quality blocks, sheaves, sockets and other crane components. Our portfolio covers the entire spectrum of applications, from rough terrain cranes, mobile cranes and crawler cranes to tower cranes in all shapes and sizes. All products are Smart Engineered for safety, quality, and efficiency.

Besides standard components instantly available from stock we can supply customer specific engineered solutions. By largely basing these solutions on standard components, we minimize engineering costs. With advanced supply chain services and top-notch manufacturing processes we ensure forecast based, just-in-time delivery and constant quality.

For OEMs of cranes used on cargo vessels, in cargo handling equipment and at bulk & container terminals, Ropeblock is the supplier of choice when it comes to reliable crane hardware. Our portfolio features premium quality sheaves (larger sizes included), hoisting blocks, turnbuckles, sockets and other components.

All Ropeblock products are engineered in accordance with relevant design rules such as those stipulated by DNV GL. We can provide any applicable certification, ranging from basic ILO-3 certificates to third-party design approvals and witnessed proof loading certificates. Most standard components are available from stock. Should standard products fail to match your exact specifications, our Smart Engineers will waste no time making the necessary adaptations and providing the required solutions.

CARGO HANDLING/ MARITIME





OFFSHORE

Knuckle boom and mast cranes and other systems used for subsea operations. Active heave compensations, pipe-laying systems and heavy lift cranes. Riser and mooring line pull-in systems. Man-riding cranes and drilling rigs. All of the above are offshore applications in which Ropeblock sheaves, swivels, sockets, blocks and other components often play key parts.

As working conditions in the offshore industry keep getting more taxing in terms of cold, depth, and load, system fatigue is a primary concern. This is why manufacturers as well as end users worldwide rely on the proven quality of Ropeblock components. Whether standard or customized, our products are Smart Engineered to meet the strictest rules and regulations rules (such as ABS, DNV, API). No compromises are made, especially where safety is at stake.

In the dredging industry, increasingly large and extreme equipment requires increasing investments. Add the fact that dredging often takes place in harsh environments devoid of infrastructure, and reliable performance becomes an even more dire necessity. That's why dredging companies have been embracing Ropeblock as a trusted partner for decades. Sharing the same hands-on mentality and proud to be part of this typically Dutch industry, we combine Ropeblock experience and customer input to create safe solutions with maximum uptime and minimum maintenance.

Ropeblock offers Smart Engineered products such as wire rope sheaves, sockets, hoisting and anchor boom blocks and turnbuckles that are ideally suited for use in on-board systems. Applications may include heave compensations and gantry cranes as well as hoisting systems for spuds, anchors, cutter ladders and suction tubes. Our solutions are complemented by superb spares availability and meticulous after-sales services.

DREDGING





INDUSTRY

Ropeblock is the market leading designer and manufacturer of overhead cranes for industrial purposes. Our motorized hoisting blocks, sheaves and hooks are applied to great effect in specific hoisting equipment used worldwide in, e.g., steel mills, forging plants, power plants, ship yards and the automotive and aviation industries. In these and many other industrial environments Ropeblock equals optimum performance and reliability, hence maximum uptime.

Practical applications include heavy duty workshop cranes, maintenance cranes for use in hard-to-reach places, emergency cranes that will keep working in even the most extreme conditions (including nuclear), and onshore cranes. Standing out by compact design, Ropeblock's overhead crane blocks for industrial applications are fitted with double sealed roller bearings for maximum efficiency. Cast sheaves with graphite lubricated grooves ensure smooth operation and wire rope longevity. The extensive Ropeblock portfolio includes customer specific connections, hooks, eyes, etcetera.

Manufacturers as well as end users of heavy lifting equipment worldwide turn to Ropeblock for components designed to take on extreme loads (up to 5,000 megatonnes) and heavy haulage. We can supply hardware for - and co-engineer - main, auxiliary, jib and boom hoisting systems, derricks, luffing systems and the like.

Top sheaves and other specific Ropeblock components are used in many heavy lifting applications, such as shipyard gantry cranes and systems for the offshore, wind energy and decommissioning industries. Besides standard components we have ample knowledge and experience when it comes to meeting unusual customer requests by Smart Engineering dedicated one-offs.

HEAVY LIFTING



All over the world, Ropeblock sockets, sheaves, turnbuckles and other components are used in bridges, locks, funiculars, slipways and other civil engineering works with moving parts. Our excellent reputation in this industry comes as no surprise, as, rooted in the Netherlands, we have extensive knowledge of (water) infrastructures. We like to join forces with governments, civil engineers and contractors to create Smart Engineered solutions that ensure both safety and efficiency

In infrastructure as in other industries, Ropeblock products have amply proven to be low-maintenance and safe. In addition, we often include practical features such as easy personnel access. Another essential Ropeblock benefit is reliability, which is all the more important in view of the high cost usually associated with replacements.

INFRA- STRUCTURE



RIGGING

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