



**discover the
world specialist in
hydraulic systems**



Thanks to hydraulic technology, we can harness the forces of nature for our benefit. Hydraulic systems are indispensable in heavy machinery. And Hycom is the world's leading specialist in complete hydraulic systems. Our customers use them extensively in industry, offshore, ship and dredger building, civil engineering and aircraft maintenance.

Customers worldwide choose Hycom. We combine strength and innovation with a complete package of services, ranging from design, manufacturing and fitting to distribution and service. Thanks to our comprehensive knowledge and experience, we can provide safe, reliable and effective solutions. Hycom was established in 1974 and is a reliable supplier and partner to a wide variety of customers. We are stable, sound and take our responsibilities seriously. We also stand for quality. Quality that is reflected in our EN9100 revision B-quality certificate for the aviation industry.

Our modern production facilities are located in Apeldoorn, the Netherlands. Thanks to our network of suppliers and agents we can provide fast service and supply components worldwide. Do you need complete hydraulic systems designed, manufactured and installed? Or individual services such as designing solutions to complex problems or supervising installation? Hycom can provide all of this. We are flexible, we focus on results and we can relieve our customers of their problems. This brochure gives an overview of what we can do.



industry



From **industry** to
offshore, dredging, civil
engineering and aviation...

For industry, efficient production is of vital importance in being competitive. No matter what the product, plant reliability is crucial to smooth-running production processes. Hydraulic drives optimise machine efficiency. Hycom designs and builds complete hydraulic systems, combined with advanced electronic control systems.

Hycom's extensive knowledge and versatility prove their worth time and again. We often consult closely with our customers at an early stage in the design process, as it is essential to make the right choices at an early stage. Hycom is regularly involved in the automation of entire production process. We also provide tailor-made adjustment and improvement of existing machines. We carry out revisions and maintenance to prevent needless disruption of continuous production processes.

From mobile drilling platforms to the paper industry, from fairground attractions to extrusion presses for the aluminium industry, customers come to us for our expertise in providing appropriate solutions for specific problems. These are solutions that improve the production process and focus on reliability.

From **offshore** and
industry to dredging, civil
engineering and aviation...

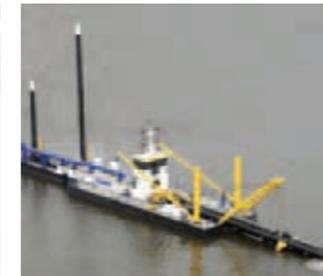


Hydraulic systems for the offshore industry are subject to special requirements. Sea and climate affect the moving parts of these systems. Safety and a long life-cycle are preconditions for the high quality hydraulic systems that Hycom develops, produces and installs. We are also well-known for our speed, expertise and flexibility.

Hycom's professionals prove their ingenuity time and again. We regularly design new constructions, ranging from lifting systems for self-elevating platforms, shock absorbers and active systems for heave compensation to special winch drives with or without constant tensioning. Hycom has supplied various well-head control systems for offshore oil and gas-extraction. We also produce hydraulic systems for specific subsea problems such as subsea ploughs and shut-off valve operating systems.

Hycom is frequently involved in in-depth discussion with its clients already in the (pre)design phase. And there's a good reason for that. We know how to handle the current requirements set by classification agencies such as Bureau Veritas, Lloyd's Register of Shipping, DNV, Germanischer Lloyd, ABS and RINA. If requested, Hycom can put the systems into operation on site. We combine careful implementation with flexibility, working with a firm focus on results, because we know just how expensive unproductivity is in this industry.

From **dredging**, offshore
and industry to civil
engineering and aviation...



When it comes to hydraulic systems or components on dredgers, Hycom provides appropriate solutions that focus on reliability and durability. A great many ships crossing the oceans of this world are fitted with our hydraulic systems and components. Hycom provides a total package from cylinders, piping, hydraulic power packs and manifolds to complete system installation and start-up.

In the marine industry, Hycom is a trusted supplier of quality systems and components. Our systems are used to operate watertight doors, bow doors, hatches and movable decks, for example.

We specialise in large, complex installations. Throughout the world, there are hundreds of dredgers equipped with specific systems supplied by Hycom. These are mostly built under the supervision of reputable classification agencies. From heave compensators and winch drives to bottom door control systems and spud-lifting systems, we provide the ideal answer to a variety of technically challenging problems.

From **civil** engineering,
dredging, offshore and
industry to aviation...



On the face of it, it seems simple to build stable bridges, locks and footbridges that function the way they should. However, it takes a lot of technology. Based in the Netherlands, a country with plenty of water, Hycom is thoroughly at home with hydraulic drives for civil engineering. In fact, we have built up a wealth of experience.

We use a unique combination of hydraulics and electronics to operate bridges, locks and footbridges (such as roll-on-roll-off platforms). In this field, Hycom supplies a complete package for the total drive system.

Steel construction companies and other contractors are quick to contact Hycom for civil engineering projects. Hycom can take part in a building consortium, is always flexible and a team player. That's the way to achieve good results as a consortium. As well as contributing to new projects, Hycom also looks after maintenance to existing structures, such as replacing piping and revising cylinders.

From **aviation**, dredging,
civil engineering, offshore,
industry and aviation to...



Safe, reliable air transport demands precise aircraft maintenance. Hycom is a recognised, certified supplier of hydraulic equipment for high-quality, efficient maintenance. Throughout the world, we supply testing equipment to leading aircraft manufacturers, varying from mobile test units to built-in hangar systems, component test benches and general testing equipment.

Hycom has developed a series of mobile test units with capacities between 4 and 65 US gallons per minute. The use of electronic controls gives our test systems unique, advanced properties. Hycom also has extensive experience with fixed test systems that are built into the hangar. We can provide a complete package including piping and start-up on site.

Hycom is listed as a recognised supplier of testing equipment in the maintenance manuals of aircraft manufacturers such as Boeing and Airbus. We satisfy the EN9100 aviation standard. Our systems are used by airlines and maintenance companies and we supply testing systems for military aircraft. Thanks to our extensive programme, we can supply test units for just about every type of fixed and rotary wing aircraft.



Quality assured from aviation to offshore, dredging, civil engineering and industry

Hycom takes her responsibilities seriously and stands for quality. Quality that is reflected in our ISO9001:2008 and EN9100 revision B quality certificate for the aviation industry.



HYCOM
hydraulic systems





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