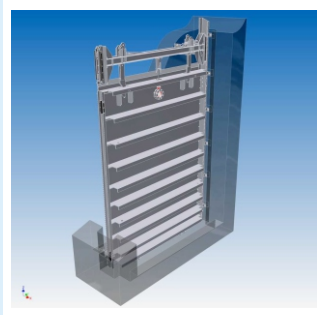


Stoplog & Sluice Gate

Product
Information



Hubert Stoplog & Sluice Gates - always made-to-measure

Hubert stoplogs & sluice gates permit rapid and secure closure of very large inlet channels and pump chambers. Stoplogs & sluice gates are always designed according to project and customer specifications.

A stoplog or sluice gate is typically installed in water intake systems upstream from coarse bar screens and drum screens or travelling band screens.

Shutting the Water Inlet

Using stoplogs or sluice gates makes periodic inspection and maintenance of screening systems and pumps possible by dewatering the separated part of the channel.

Design & Construction

Hubert stoplogs are constructed to match the expected water pressure in individual situations. For deep water, the stoplogs are made in two or more sections. The seals are mounted on the flat side of the stop logs. Guides are installed in the side walls of the concrete channel to ensure optimum sealing and installation. A lifting beam & crane is used to place and remove a stop log (segment). Hubert also supplies a storage frame. Naturally, cathodic protection is also possible.

Hubert sluice gates are often placed after a supply line and therefore guiding and sealing is done slightly differently than with stop logs. Obviously, a sluice gate construction is installed in the side walls of the concrete channel to ensure optimum sealing and installation. A sluice gate is normally raised or lowered as one piece, whereby lifting and lowering can be motorized and possibly automated. This additional installation is located at the top.

Standard Dimensions & Materials

- Width up to 6 m (Stoplog) and 5 m (Sluice Gate)
- Height up to 12 m (Stoplog) and 4 m (Sluice Gate)
- Materials: (coated) carbon steel, stainless steel, (super) Duplex

Stoplog Guide Cleaning System

Hubert supplies a guide scraper system that removes shells (like mussels) and other marine life from the grouted stop log guides. The system retrieves grown objects from the water and ensures that lowering and raising a stoplog is easier again and that the seal continues to do its job.



Company Profile

Hubert, founded in 1880, has almost 150 years experience in design & engineering, in-house manufacturing, installation & service of equipment for water purification and water intake applications. Our engineered products and technical expertise have enabled Hubert to become a major player on the global markets for water treatment solutions. We focus on high quality equipment with a long service life.

Over the years we gained an extensive number of satisfied customers & project references all over the world. Our machinery is a crucial part of every production facility and usually continuous in operation. Our equipment has to operate efficiently and reliably in extreme (weather) conditions. Hubert's installed base comprise many thousands of installations that have recently commissioned or that have been in operation for many years.

Below you can find more information about our divisional structure. We will be happy to hear about your project!

Our Divisions

Water Intake Systems

Hubert is market leader in water intake screening systems, used for mechanically clean water extracted from the sea, rivers or lakes. These systems can be found in power stations, petrochemical plants & refineries, desalination plants, drinking water & irrigation plants and industrial production plants requiring a huge demand of process water.

We supply complete complete 'screening trains' including all additional equipment, like controls and cathodic protection. We design, engineering and manufacture our equipment in-house.

You will find our projects in both new construction (EPC) projects and renovation & optimization of existing water intakes.

Waste Water Treatment Machinery

Hubert supplies waste water treatment machinery & (sub)installations applied in municipal and industrial waste water treatment plants. Our installations are of high quality and offer a long service life. Clients range from water boards and authorities in the public sector, to multinationals in many industries.

Service & After Sales

Keeping your machinery operational. This is the daily work of our Service & After Sales division which proves its importance by keeping Hubert installations operational anywhere in the world. Founded in 1880, the large amount of projects that Hubert has carried out over the years has resulted in a huge installed base of equipment. Many of these are still in operation! We supply parts but also provide optimization and renovation of your existing equipment.

High-Spec Steel Assemblies

Hubert has been supplying both components and assembled parts to the offshore industry and other applications within the shipping and dredging industry for many years. Complex machined welding constructions, (sub) assemblies and complete products are part of our program.

For this market we work according to customer (mechanical) specs. Our scope includes parts in single pieces, series as well as assembled products.

